

KLS VEDIT

Transforming Through Technology



PROCEEDINGS OF ACTIVITIES INSTITUTION'S INNOVATION COUNCIL (IIC 6.0) – AY: 2023 – 24 IIC CODE – IC202218479



सत्यमेव जयते



Editor

DR. MAHENDRA M. DIXIT
President, IIC

Chief Editor

DR. V. A. KULKARNI
Principal





Ministry of
Education
Government of India



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
(MINISTRY OF EDUCATION GOVT. OF INDIA)



CERTIFICATE OF ESTABLISHMENT

This is to certify that

KLS VEDIT, Haliyal, Uttar Kannad

has established an Institution's Innovation Council (IC202218479) in the campus as per the norms of Innovation Cell, Ministry of Education, Govt. of India during the academic calendar year 2022-23

Prof. Anil D. Sahasrabudhe

Chairman
AICTE

Dr. Abhay Jere

Chief Innovation Officer
Ministry of Education's Innovation Cell

Certificate No: 8031

Aishe Code: C-1282

Date: 09-09-2022



Ministry of
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Government of India



MoE's
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(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)



CERTIFICATE

Institution's Innovation Council (IIC) established at

KLS VEDIT, Haliyal, Uttar Kannad

had undertaken various activities prescribed by Innovation Cell, Ministry of Education, Govt. of India to promote Innovation and Start-up in campus during the IIC calendar year 2022-23.

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Prof. TG Sitharam
Chairman
Aicte

Dr. Abhay Jere
Chief Innovation Officer
MOE, Innovation Cell

Mr. Dipan Sahu
Assistant Innovation Director
MOE, Innovation Cell

Certificate No : 8031

Issued On : 2023-11-16



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IIC6.0 Calendar Activities for Academic Year 2023-24

Semester -1 (September- - February)

Quarter 1 (1st September 2023 - 30th November 2024)

Sr. No	Activity	Mode of Conduct	Thrust Area
1	Workshop on "Entrepreneurship and Innovation" as Career Opportunity	Offline/Online	Inspiration, Motivation and Ideation
2	My Story - Motivational Session by Successful Innovators	Offline/Online	
3	My Story - Motivational Session by Successful Entrepreneur/Start-up founder	Offline/Online	
4	Session on Problem Solving and Ideation Workshop	Offline/Online	
5	Exposure and field visit for problem identification	Offline	
6	Organize an Inter/Intra Institutional Idea Competition/Challenge/Hackathon and Reward Best Ideas.	Offline	
7	Mentoring Event: Demo Day/Exhibition/Poster Presentation of Ideas/PoC & linkage with Innovation Ambassadors/Experts for Mentorship Support.	Offline/Online	

Quarter 2 (1st December 2023 - 29th February 2024)

1	Workshop on Design Thinking, Critical thinking and Innovation Design	Offline/Online	Validation and Concept Development
2	Organizing Innovation & Entrepreneurship Outreach Program in Schools/Community	Offline	
3	Organize an Expert talk on Process of Innovation Development, Technology Readiness Level (TRL); Commercialization of Lab Technologies & Tech-Transfer	Online/Offline	
4	Workshop on Entrepreneurship Skill, Attitude and Behavior Development	Online/Offline	
5	Conduct a Session on Achieving Problem-Solution Fit and Product-Market Fit	Online/Offline	
6	Field/Exposure Visit to Pre-incubation units such as Ideas Lab, Fab lab, Makers Space, Design Centers, City MSME clusters, workshops etc.	Offline	
7	Organize an Inter/Intra Institutional Innovation Competition/Challenge/Hackathon and Reward Best Innovations.	Offline	
8	Mentoring Event: Demo Day/Exhibition/Poster Presentation of Innovations/Prototypes & linkage with Innovation Ambassadors/Experts for Mentorship Support.	Offline/Online	



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IIC 6.0 Calendar Activities for Academic Year 2023-24

Semester II (March – August)

Quarter 3 (1st March - 31st May 2024)

1	Workshop on Prototype/Process Design and Development.	Offline/Online	Prototype, Design, Process Development for Business Model/ Process/ Services
2	Session/ Workshop on Business Model Canvas (BMC)	Offline/Online	
3	Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/Technology Transfer Centre such as Atal Incubation Centre etc.	Offline	
4	Session on “How to plan for Start-up and legal & Ethical Steps”	Offline/Online	
5	Workshop on Intellectual Property Rights (IPRs) and IP management for start up	Offline/Online	
6	Organize an Inter/Intra Institutional Business Plan Competition and Reward Best Innovations.	Offline	
7	Mentoring Event: Demo Day/Exhibition/Poster Presentation of Business Plans & linkage with Innovation Ambassadors/Experts for Mentorship Support.	Offline/Online	

Quarter 4 (1st June - 31st August 2024)

1	Session on Innovation/Prototype Validation – Converting Innovation into a Start-up or Session on Achieving “Value Proposition Fit” & “Business Fit”	Offline/Online	Awareness about Startup and related Ecosystem Support Services for Startup Development
2	Session on Accelerators/Incubation - Opportunities for Students & Faculties - Early-Stage Entrepreneurs	Offline/Online	
3	Organize Session on “Lean Start-up & Minimum Viable Product/Business” - Boot Camp (or) Mentoring Session	Offline/Online	
4	Session on Angel Investment/VC Funding Opportunity for Early-Stage Entrepreneurs.	Offline/Online	
5	Session/ Panel discussion with innovation and Start-up Ecosystem Enablers from the region/state/national level	Offline/Online	
6	Organizing Innovation & Entrepreneurship Outreach Program in Schools/Community	Offline	
6	Organize an Inter/Intra Institutional Start-up Competition and Reward Best Start-ups.	Offline	
7	Mentoring Event: Demo Day/Exhibition/Poster Presentation of Start-Ups & Linkage with Innovation Ambassadors/Experts for Mentorship Support.	Offline/Online	



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IIC 6.0- Important Day Celebration Activities for Academic Year 2023-24

Sl. No	Date	Activity Title	Month	Quarter
1	15th October	Institution's Innovation Day (Dr APJ Abdul Kalam's birth anniversary)	October	Q1
2	9 th November	National Entrepreneurship Day	November	
3	11th November	National Education Day	November	
4	2nd December	National Pollution Control Day	December	Q2
5	14th December	National Energy Conservation Day (India)	December	
6	12 th January	National Youth Day	January	
7	16th January	National Startup Day	January	
8	28th February	National Science Day	February	
9	8 th March	International Women's Day	March	Q3
10	21 st April	World Creativity and Innovation Day	April	
11	26th April	World Intellectual Property Day	April	
12	11th May	National Technology Day	May	Q4
13	5th June	World Environment Day	June	
14	29 th July	4 th Anniversary of National Education Policy (NEP) 2020	July	
15	15th August	Independence Day- Celebrating Aazadi Ka Amritkal	August	
16	21st August	World Entrepreneurs Day	August	



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IIC Implementation Team Contact Details

Program In-charge

Mr. Dipan Sahu

Assistant Innovation Director

dipan.sahu@aicte-india.org; dipan.sahu@gov.in

011 2958 1226

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6.	Eastern/ ERO	Ms. Monika Choudhary	ero.iic.mic@aicte-india.org	011 2958 1227
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8.	South-Central/ SCRO	Ms. Seema Chhillar	scro.iic.mic@aicte-india.org	011 2958 1316

INSTITUTE'S VISION MISSION STATEMENTS

VISION

To nurture talent and enrich society through excellence in technical education, research and innovation.

MISSION

- 1. To augment innovative pedagogy, kindle quest for interdisciplinary learning & to enhance conceptual understanding.**
- 2. To build competence, professional ethics & develop entrepreneurial thinking.**
- 3. To strengthen Industry Institute Partnership & explore global collaborations.**
- 4. To inculcate culture of socially responsible citizenship.**
- 5. To focus on Holistic & Sustainable development.**

IIC'S VISION MISSION STATEMENTS

VISION

To inculcate and practice Innovation towards fostering Excellence in Entrepreneurship through well-established Start-up Eco System.

MISSION

1. To create & conduct awareness programs to Students about Innovation, Start-up and Entrepreneurship through Expert Talks, Mentoring Sessions, Demo Day, Exhibition, Workshops. Seminars from theme of activities.
2. To prepare young minds in realising Ideation into proof of concept leading to Innovation, Patents, Small Scale Enterprise by assistance of Innovation Ambassadors and Experts.
3. To mentor Students towards miniaturised Start-ups through Incubation Networks with extensive supervised infrastructural support.

PRINCIPAL'S MESSAGE



DR. V. A. KULKARNI
M. TECH., PH. D.

PRINCIPAL

KLS VDIT has been established in 2004, with intention of imparting quality Engineering Education. Our Institute has been a hub of many Activities of Excellence and Achievements both by Students and Staff. We are committed to provide better Academic ambience and strive for multifaceted development of Students.

In the Year 2022, KLS VDIT eagerly and curiously registered to India's greatest and most popular initiative Institution's Innovation Council (IIC) by Ministry of Education (MoE), Government of India, New Delhi.

KLS VDIT is engaging immense amount of Innovation & Entrepreneurial activities from Motivational Sessions to Exhibitions through Ideation, Projects implementation and Patenting. The Institute has provided several platforms to Students and Faculty Members to Learn, Understand and Realise the significance of the existence of IIC.

IIC at KLS VDIT striving hard to Educate stake holders towards the development of Start-up Eco System. Institute has arranged variety of Activities under IIC6.0 banner (Academic Year 2023–24) addressing several Small Scale Socio-Technological challenges and attempted to provide best possible solutions in interdisciplinary way.

IIC6.0 has been successfully implemented with the kind guidance of MoE, IIC and all the necessary activities have been conducted successfully. Due to the involvement of all the Students, with the support of all the Staff Members IIC at KLS VDIT received Two Start Rating for IIC5.0 at the First Evaluation and the Certification from MoE which was highly encouraging.

In addition to the mandatory activities, Innovation Ambassadors have performed exceedingly and received certifications appropriately towards completion of Online Training under Foundation and Advanced Level Category floated by MoE IIC.

KLS VDIT extends gratitude to the entire team of IIC, MoE, Government of India, New Delhi.

PRESIDENT'S CORNER

DR. MAHENDRA M. DIXIT
M. TECH., PH. D.

PRESIDENT, IIC
PROF. & HEAD (E&CE)



KLS VDIT is counted amongst emerging Quality Professional Educational Institute providing greater Technical Skills to Students through knowledgeable and experienced Academicians. The Institute has lush green environment substantiating rich and supportive learning ambience with latest State of Art Laboratory facilities.

KLS VDIT has been known for new initiatives through Students and Staff activities which involve Webinars by Alumni, Success Stories by Students, Solution sharing competition, Hands-on Workshop by Industries and Eminent Guests / Resource Persons from Nationally acclaimed premier Institutes. Such events conducted in recent past immensely contributed towards the success of Students.

Upon joining to elite and leading initiative of IIC by MoE, Government of India KLS VDIT has expanded its initiatives even towards Innovation and Entrepreneurial activities. IIC 5.0 & IIC 6.0 have not only mandatorily extended its guidelines for organizing events, however created venture and attentiveness amongst beneficiaries regarding Start-ups, Entrepreneurship, yielding highly directional orientation towards product development leading to take up the responsibility as job provider.

IIC KLS VDIT has successfully arranged more than 52 varieties of events which have assisted Students and Faculty Members to think out of box and implement Innovative practices in their endeavours for serving Society by overcoming practical challenges.

Through the initiatives of activities under IIC6.0 enabled the reception appreciation from MoE in the form of Grant-In-Aid provision of Rs.20,000/- towards the conduction of Impact Lecture Series / Scheme by eminent resource persons of the calibre of CEOs / Directors / Founders for orienting Students for I&E.

As a President of IIC, KLS VDIT extend gratitude to all the Authorities of IIC, MoE, Government of India, New Delhi.



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ECO CLUB

KLS Vishwanathrao Deshpande Institute of Technology



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Institution's Innovation Council (IIC6.0)

Q1 Activity Reports



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Date: 29.09.2023

INSTITUTION'S INNOVATION COUNCIL – CALL FOR MEETING

A meeting of Institution's Innovation Council (IIC) Members is conveyed on 30th September 2023 at 12:00 PM in E&CE Dept. to discuss the following agenda with kind permission of the Principal.

1. Quarter 4 Reports Summary by President IIC, KLS VEDIT, Haliyal.
2. Submission of Annual Report of IIC5.0
3. Plan of Action for Quarter 1: 1st September 2023 to 30th November 2023
4. Any other matter with the permission of Chair

Dr. Mahendra M. Dixit,
President IIC,

KLS VEDIT, Haliyal
PRESIDENT,

INSTITUTION'S INNOVATION COUNCIL,

KLS VEDIT, HALIYAL -581329

IIC CODE: IC202218479

Principal

KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

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Date: 30.09.2023

INSTITUTION'S INNOVATION COUNCIL – MINUTES OF MEETING

A meeting of all the **Members of Institution's Innovation Council** has been conducted and the following deliberations have been taken place during the meeting.

1. **Dr. Mahendra M. Dixit, President, IIC, KLS Vdit, Haliyal** welcomed all the Members for meeting and shared the agenda of discussion.
2. An elaborative presentation of all Quarters Activities have been summarised by the President during the Meeting.
3. President explained the details of Ranking Framework and Activities conducted under different heads by all the Departments for Students & Faculty Members.
4. Members of the Committee expressed their positive gratitude towards IIC for initiating all Students Centric events, majorly focussing on Entrepreneurship and Innovation.
5. IIC5.0 at KLS Vdit witnessed more than 45 events in Start-up, Small Scale Entrepreneurship, Intellectual Property Rights and Innovation through Motivational Talks, Technical Competitions, Seminars / Webinars & Workshops to name a few.
6. A comprehensive Annual Report of IIC5.0 was also submitted to MIC as per deadlines.
7. The forum also discussed about the conduction of activities for Quarter 1 for IIC6.0 for the AY 2023-24.
8. Principal appreciated the IIC5.0 Committee Members, Innovation Ambassadors, Staff and Students for their tireless efforts for conducting various activities successfully.

Dr. Mahendra M. Dixit,
President IIC,

KLS Vdit. Haliyal
PRESIDENT,

INSTITUTION'S INNOVATION COUNCIL,
KLS Vdit, HALIYAL -581329
IIC CODE: IC202218479

Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

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Date: 30.09.2023

Institution's Innovation Council (IIC)

Calendar of Events for the Academic Year 2023-24

FIRST QUARTER (Q1) : 1 ST SEPTEMBER TO 30 TH NOVEMBER 2023		THRUST AREA: INSPIRATION, MOTIVATION AND IDEATION
Sl. No.	Activity	Mode of Conduction
1	Workshop on "Entrepreneurship and Innovation" as Career Opportunity	Offline / Online
2	My Story - Motivational Session by Successful Innovators	
3	My Story - Motivational Session by Successful Entrepreneur / Start-up founder	
4	Session on Problem Solving and Ideation Workshop	
5	Exposure and field visit for problem identification	Offline
6	Organize an Inter / Intra Institutional Idea Competition / Challenge / Hackathon and Reward Best Ideas.	
7	Mentoring Event: Demo Day / Exhibition / Poster Presentation of Ideas / PoC & linkage with Innovation Ambassadors / Experts for Mentorship Support.	Offline / Online

MAD

Dr. Mahendra M. Dixit

President, IIC,

Prof. & Head, Dept. of E&CE,

KLS VEDIT, Haliyal.

PRESIDENT,

INSTITUTION'S INNOVATION COUNCIL,

KLS VEDIT, HALIYAL -581329

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[Handwritten Signature]

Principal

KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

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Date: 30.09.2023

Institution's Innovation Council (IIC)

The MoE IIC has decided to conduct Activities in view of Special Occasions of National importance. In this connection, IIC, KLS VEDIT, Haliyal, is keen in arranging variety of events under below mentioned Celebration Days.

Sl. No.	Date	Celebration Activity Name	Quarter
1	15 th Oct. 2023	Institution's Innovation Day (Dr. APJ Abdul Kalam's Birth Anniversary)	Q1
2	9 th Nov. 2023	National Entrepreneurship Day	
3	11 th Nov. 2023	National Education Day	

MMS

Dr. Mahendra M. Dixit
President, IIC,
Prof. & Head, Dept. of E&CE,
KLS VEDIT, Haliyal.

PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
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Principal

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INSTITUTION'S INNOVATION COUNCIL (IIC6.0) SUMMARY OF QUARTER – 1 ACTIVITIES REPORT (1ST SEPTEMBER TO 30TH NOVEMBER 2023)

SL. NO.	TITLE OF ACTIVITY AS PER IIC	EVENT TITLE	SCHEDULE OF ACTIVITY	HOST DEPT.
1	Workshop on “Entrepreneurship and Innovation” as Career Opportunity	Young Entrepreneurs Program (YEP) on Developing an Entrepreneurship Mindset	26 th Oct. 2023	NAIN
2	My Story – Motivational Session by Successful Innovators	My Journey & Success Story	26 th Sep. 2023	E&CE
3	My Story – Motivational Session by Successful Entrepreneur / Start-up founder	Upliftment of Technical Skills & Soft Skills for Placement & Entrepreneurship	21 st Sep. 2023	ME
4	Session on Problem Solving and Ideation Workshop	Certification Course on Fundamentals of Communication Laboratory – A Hands-on Training	13 th to 15 th Sep. 2023	E&CE
5	Exposure and field visit for problem identification	Field Visit to AI Enabled Robotics Station	27 th Oct. 2023	E&CE
6	Organize an Inter / Intra Institutional Idea Competition / Challenge / Hackathon and Reward Best Ideas	Intra Institutional Hackathon	28 th to 30 th Sep. 2023	E&CE
7	Mentoring Event: Demo Day / Exhibition / Poster Presentation of Ideas / PoC & linkage with Innovation Ambassadors / Experts for Mentorship Support.	Demonstration on Standards, Products, Services and Systems through Quiz Competition	30 th Oct. 2023	ME
CELEBRATION ACTIVITIES				
8	Institution's Innovation Day - 15 th Oct. 2023 (Dr. APJ Abdul Kalam's Birth Anniversary)	Importance of 4G and 5G Technology	19 th Oct. 2023	E&CE
9	National Entrepreneurship Day - 9 th Nov. 2023	IPR and Patent Subject Matters	9 th to 10 th Nov. 2023	ME
10	National Education Day - 11 th Nov. 2023	CO – PO Insights	25 th Nov. 2023	E&CE
SELF-DRIVEN ACTIVITY				
11	Engineer's Day - 15 th Sept. 2022	Engineer's Day Celebration	15 th Sep. 2023	E&CE



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and

STARTUP KARNATAKA | NAIN

KARNATAKA INNOVATION AND TECHNOLOGY SOCIETY (KITS)
DEPARTMENT OF ELECTRONICS IT, BT AND S&T, GOVT. OF KARNATAKA

In association with

GOVERNMENT FIRST GRADE COLLEGE, HALIYAL

organizes

YOUNG ENTREPRENEURS PROGRAM (YEP)

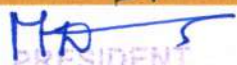
Developing an Entrepreneurship Mindset



26 October 2023, Thursday at 10.00 am



Audio Visual Room Govt. First Grade College, Haliyal.


PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
KLS VEDIT, HALIYAL - 551329
IIC CODE: IC202218479


Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal



Date: 26.10.2023

Report on Young Entrepreneurs Program (YEP) on "Developing an Entrepreneurship Mindset"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter I
Program Driven by	IIC Calendar Activity
Program Type	Level 2 – Workshop / Seminar / Conference / Exposure Visits
Program / Activity Name	Young Entrepreneurs Program (YEP) on "Developing an Entrepreneurship Mindset"
Program Theme	Entrepreneurship & Startup
Duration of the Activity (In Hrs.)	05 Hrs.
Event Host	NAIN, Karnataka Innovation and Technology Society and IIC
Resource Person / Guest Speaker	Dr. K. S. Pujari, College Coordinator, K-TECH NAIN, KLS VEDIT, Haliyal Mr. Shrikant Mane, Proprietor, BELCORR Industries, Belagavi. Mr. Sammed & Team, Student Entrepreneur
Start Date	26 th October 2023
End Date	26 th October 2023
Number of Students Participants	10
Number Faculty Participants	05
Number of External Participants (If Any)	103
Remarks	The event was targeted to First Grade Degree College Students (Non – Engineering) to cultivate Entrepreneurship Skills.
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">• Make Students aware about process of building a Startup and journey of becoming a successful entrepreneur.• Building Leadership Qualities, Management Skills.
Benefit in terms of Learning / Skill / Knowledge Obtained	<ul style="list-style-type: none">• Resource Persons focussed on Government Schemes for setting up Startups & self-employment.• Activity concentrated on Innovation, proof of concept, prototyping, product development leading to IPR & technology transfer to the Society.• In addition to these tangible benefits, participants benefitted by understanding market strategies and reformation of products.

A brief report on **Young Entrepreneurs Program (YEP) on "Developing an Entrepreneurship Mindset"** is as summarised below.

- The event has been organised under the category of Entrepreneurship & Innovation as career opportunity which enabled First Grade Degree College Students to develop culture of Entrepreneurship.
- The major focus of activity is to inculcate identification of Innovation in day to day life, prototyping of concepts, testing and marketing to better suit the requirements of Society.

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Date: 26.10.2023

Continued...

- It was indeed an experiential learning for all the participants and an unique activity hosted to develop Entrepreneurs by making them aware of all policies developed by Government.
- At the end of the sessions, Resource Persons also delineated the real time challenges and converting them into opportunities.
- Resource persons shared their rich experience to Students and encouraged them to begin with small Innovative projects.

Glimpses of Event



Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

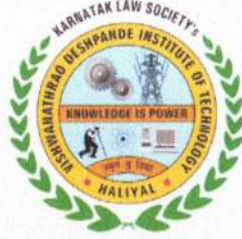
Dr. Mahendra M. Dixit,
President IIC,
Prof. & Head (E&CE),
KLS VEDIT, Haliyal.

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KLS VEDIT, HALIYAL -581329
IIC CODE: IC202218479



KLS V DIT, HALIYAL

Transforming Through Technology



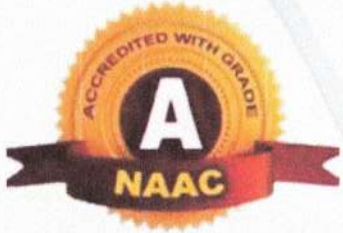
DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGINEERING

In Association with T&P Cell and IIC

MENTORING SESSION

“MY JOURNEY & SUCCESS STORY”

26th September 2023



Ms. Vaishnav D. Joshi
Team Lead
Cognizant, Bangalore



Ms. Sunita N. Karabasannavar
Data Analyst,
WIPRO Ltd. Bangalore

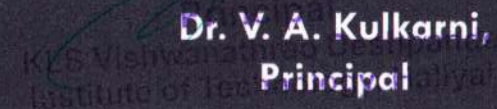


Ms. Tejaswini Diggewadi
Software Engineer,
R&D Department, Benz,
Bangalore


PRESIDENT

Dr. Mahendra M. Dixit,
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Dr. V. A. Kulkarni,
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Date: 26.09.2023

Report on Mentoring Session "My Journey & Success Story"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter I
Program Driven by	IIC Calendar Activity
Program Type	Level 1 – Expert Talks / Mentoring Sessions / Exposure Visits
Program / Activity Name	My Story - Motivational Session by Successful Innovators
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	04 Hrs.
Event Host	E&CE, IIC and T&P Cell
Resource Person / Guest Speaker	Ms. Vaishnavi D. Joshi, Team Lead, Cognizant, Bangalore Ms. Sunita N. Karabasannavar, Data Analyst, WIPRO Ltd., Bangalore Ms. Tejaswini Diggewadi, Software Engineer, R&D Department, Benz, Bangalore
Start Date	26 th September 2023
End Date	26 th September 2023
Number of Students Participants	211
Number Faculty Participants	10
Number of External Participants (If Any)	NIL
Remarks	<ul style="list-style-type: none">The participants witnessed the amalgamation of Three Resource Persons from Internationally Acclaimed Organizations.Resource Persons shared their individual experiences of technical aspects, job profile and delivery, and continuous improvement leading to success.
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">To reciprocate and inspire Students with nature of working in MNC's.To stress upon the use of fundamental concepts in real time products effectively to build larger applications.
Benefit in terms of Learning / Skill / Knowledge Obtained	<ul style="list-style-type: none">To know how converting small specific tasks will contribute towards end usable applications.Ability to transform challenges and difficulties into simple workable solutions.

A brief report on Mentoring Session "My Journey & Success Story" is as summarised below.

- Ms. Vaishnavi D. Joshi, Team Lead, Cognizant, Bangalore presented views by focussing on her profile & other allied and generic domains related to information technology.

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Date: 26.09.2023

Continued...

- Ms. Vaishnavi informed Students of circuit branches to have thorough knowledge in one computer language such as C / C++ / Oops / Java etc... and knowledge of basic courses of their engineering branch.
- Ms. Joshi expressed her involvement with Cognizant which helps Society to modernize technology, reimagine processes and transform experiences to stay ahead in a fast changing world.
- **Ms. Sunita N. Karabasannavar, Data Analyst, WIPRO Ltd., Bangalore** opined that Students must be trained to enhance their analytical skills and critical thinking to become employable and industry ready with necessary skill.
- Ms. Sunita expressed her nature of work carried out at Wipro and represented present trends of Wipro in launching first ever software marketplace for automobile industry, progressing with cloud-led Innovation & applications of AI & ML for future.
- **Ms. Tejaswini Diggewadi, Software Engineer, R&D Department, Benz, Bangalore** highlighted on buzzing technology of automobile industries and the role of core engineers in shaping end product satisfying customer's requirements.
- Ms. Tejaswini shared her expertise in Benz and insisted Students to prefer software hardware co-design approach in learning, so as to minimize resource requirements for a complete product development and bringing out an optimized solution for customers.
- Overall, all the resource persons concluded that, Students shall take up course wise mini / minor projects along with other branch wise courses, which will lift their bio-data for the possible selection in worldwide recognised top notch industries.

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Prof. & Head (E&CE),
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Date: 26.09.2023

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Glimpses of Mentoring Session "My Journey & Success Story"




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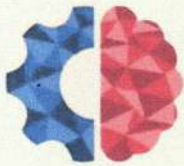
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Presents

**My Story – Motivational Session by
Successful Entrepreneur / Start-up Founder**

**Upliftment of Technical Skills & Soft Skills
for Placement & Entrepreneurship**



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INNOVATION CELL
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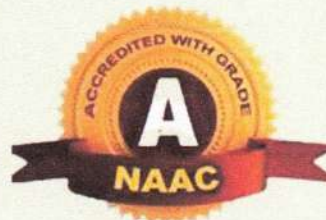
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Mr. Rohan Belligatti
Head- New Business Development
(India, Sri Lanka & Middle East)
LAMILUX



**NAIN Center,
KLS Vdit, Haliyal**



21st September 2023

PRESIDENT,

Dr. Mahendra M. Dixit,
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Date: 21.09.2023

Report on "Upliftment of Technical Skills & Soft Skills for Placement & Entrepreneurship"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter I
Program Driven by	IIC Calendar Activity
Program Type	Level 1 – Expert Talks / Mentoring Sessions / Exposure Visits
Program / Activity Name	My Story - Motivational Session by Successful Entrepreneur / Start-up founder
Program Theme	Entrepreneurship & Startup
Duration of the Activity (In Hrs.)	02 Hrs.
Event Host	IIC
Resource Person / Guest Speaker	Mr. Rohan Bellikatti , Country Head- New Business Development, (India, Sri Lanka & Middle East), LAMILUX
Start Date	21 st September 2023
End Date	21 st September 2023
Number of Students Participants	40
Number Faculty Participants	10
Number of External Participants (If Any)	NIL
Remarks	• Arranged session assisted Students to enhance placements & setup incubation leading to Startup.
Mode of Session Delivery	Offline
Objectives	• To direct & train Students towards core company placements & possibly guiding them to Startup. • To encourage Students towards Entrepreneurship through creating ecosystem.
Benefit in terms of Learning / Skill / Knowledge Obtained	• Students learnt skills required for placements & incubating ideas through Startup.

A brief report on "Upliftment of Technical Skills & Soft Skills for Placement & Entrepreneurship" is as summarised below.

- **Mr. Rohan Bellikatti** addressed Students for the overall career development keeping technical skills on top priority.
- Mr. Rohan enthusiastically motivated all the participants by illustrating relevance of core engineers in several forums starting from small scale industries to large scale industries highlighting contributions made by engineers in all capacities.
- He emphasized on seeking job and giving job, representing comparison between them. He quoted variety of examples belonging to either categories by explaining real time challenges, magnitude of efforts and coming out with simple, effective and feasible solutions.
- Mr. Bellikatti most of the time kept focus on narrating minimum technical skills and soft skills essentially required to become ready engineer.
- Students active participation in the technical talk and enriched experience of resource person both together became reason for the success of the event. Institute felicitated Mr. Rohan who is a distinguished alumni & a successful Entrepreneur.

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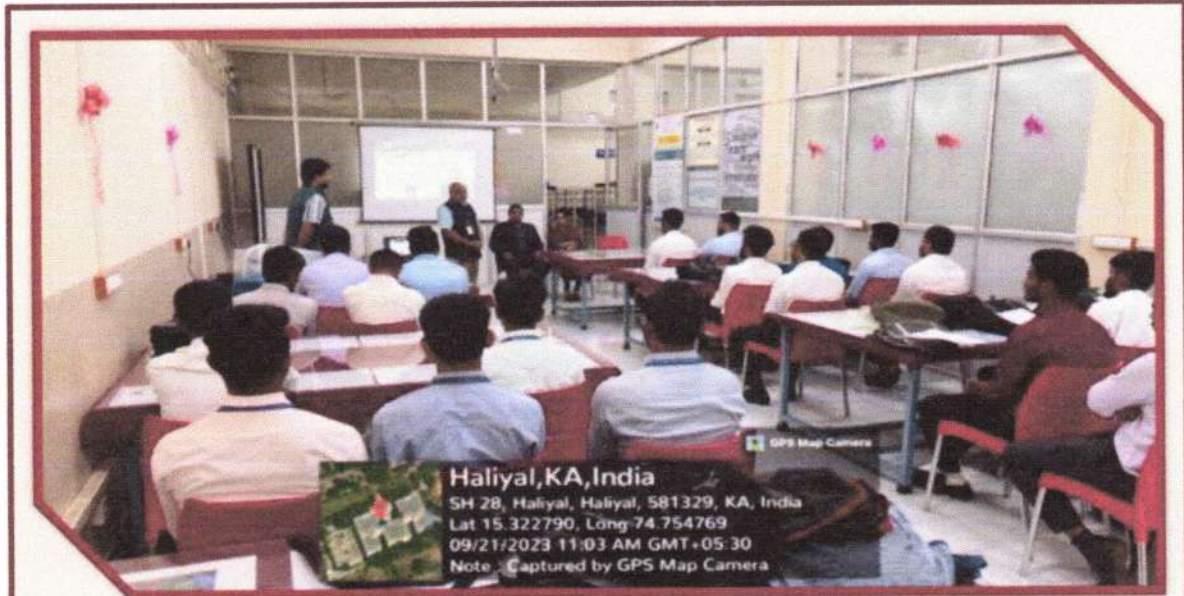
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Date: 21.09.2023

Glimpses of Event



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Institute of Technology, Haliyal

M.D.
Dr. Mahendra M. Dixit,
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Prof. & Head (E&CE),
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DEPARTMENT OF E&CE



Three Days Certification Course on
“ FUNDAMENTALS OF
COMMUNICATION LABORATORY ”
A HANDS-ON TRAINING



RESOURCE PERSONS



Prof. Nikhil A. Kulkarni



Prof. B. N. Choukimath



Prof. Deepak Sharma



Prof. Rahul C. M.



Date: 13th - 15th Sept. 2023
Venue: Dept. of E&CE
Time: 9:00 AM Onwards
4th Semester Students

Dr. Mahendra M. Dixit
Prof. & Head (E&CE)
President, IIC

Dr. V. A. Kulkarni
Principal
Principal

KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

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Date: 15.09.2023

Report on Three Days Certification Course on "Fundamentals of Communication Laboratory" A Hands-on Training

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter I
Program Driven by	IIC Calendar Activity
Program Type	Level 4 – Tech Fest / Challenges / Hackathons
Program / Activity Name	Session on Problem Solving and Ideation Workshop
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	21 Hrs.
Event Host	E&CE and IIC
Resource Person / Guest Speaker	1) Prof. Deepak Sharma 2) Prof. Nikhil Kulkarni 3) Prof. Rahul C. M. 4) Prof. B. N. Choukimath
Start Date	13 th September 2023
End Date	15 th September 2023
Number of Students Participants	137
Number Faculty Participants	10
Number of External Participants (If Any)	NIL
Remarks	• Students received hands on experimentation of Communication Systems & Electronic Circuits Design.
Mode of Session Delivery	Offline
Objectives	• To train the Students in the field of communication technologies by using the design of electronic circuits. • To provide platform to know how communication circuits are developed with the help of discrete electronic components, function generators and few integrated circuits.
Benefit in terms of Learning / Skill / Knowledge Obtained	• Students equipped with the theoretical background of basic principles of communication systems. • In total Students received rigorous training and practical exposure in the field of electronics & communication.

A brief report on Three Days Certification Course on "**Fundamentals of Communication Laboratory**" is as summarised below.

- During first day of hands on training, **Prof. Rahul C. M.** provided clarity of working principle of communication systems starting from **Amplitude Modulation, Frequency Modulation & Phase Modulation** along with comparison between them.
- Prof. Rahul elaborated transformation of theoretical concepts into realizable electronic circuits by the use of mathematical derivations. He convinced the participants about Message Signal, Carrier Signal, Modulated Signal and finally the outcome of demodulation process.
- **Prof. Nikhil Kulkarni** addressed Students on calculations of modulation index in all the Three Analog Modulation Schemes by measuring related parameters on CRO upon circuit realization.
- Prof. Nikhil expressed that mathematics is a significant tool to understand, design and realize any electronic circuits including measuring of experiment outcomes.

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Date: 15.09.2023

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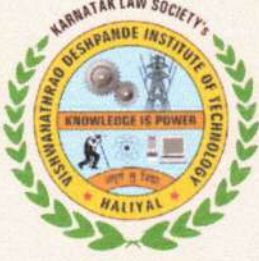
- **Prof. Deepak Sharma** taught & demonstrated following experiments to participants,
 - Design of active second order Butterworth low pass and high pass filters.
 - Amplitude Modulation and Demodulation of Standard AM and DSBSC
 - Frequency Modulation and Demodulation
 - Design and test Time Division Multiplexing and De-multiplexing of two band limited signals.
- **Prof. B. N. Choukimath** taught & demonstrated following experiments to participants,
 - Pulse Code Modulation and Demodulation, Phase Locked Loop Synthesis
 - Design and Test of Pulse sampling, flat top sampling and reconstruction.
 - Design and Test of Pulse Amplitude Modulation and Demodulation.
 - Design and test BJT / FET Mixer

Glimpses of Event



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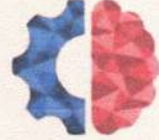
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Ministry of Education's
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GOVERNMENT OF INDIA

“Inauguration of India Mobile Congress 2023 and 100 5G Use Cases Laboratory Award Ceremony”

**Inauguration
by**



सत्यमेव जयते

Ministry of Education
Government of India

**Shri. Narendra Modiji
Honorable Prime Minister**

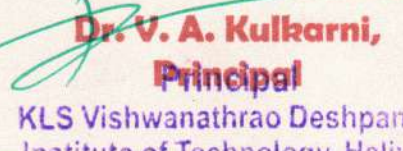


Exposure and Field Visit for Problem Identification “Field Visit to AI Enabled Robotics Station”

Host / Venue: **IIIT, Dharwad**

**27th October, 2023
10.00 AM Onwards**


Dr. Mahendra M. Dixit,
PRESIDENT
INSTITUTION'S INNOVATION COUNCIL,
President IIC
KLS V D I T, HALIYAL - 581329
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Dr. V. A. Kulkarni,
Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

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Date: 27.10.2023

Report on Field Visit to AI Enabled Robotics Station

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter I
Program Driven by	IIC Calendar Activity
Program Type	Level 2: Workshop / Seminar / Conference / Exposure Visits
Program / Activity Name	Exposure and Field Visit for Problem Identification
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	08 Hrs.
Event Host	E&CE
Start Date	27 th October 2023
End Date	27 th October 2023
Number of Students Participants	8
Number Faculty Participants	2
Number of External Participants (If Any)	NIL
Remarks	Students and Faculty Members visited AI & ML Lab, Robotics Lab & Demonstration of MITRA Robot.
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none"> To know how the establishment of Robot Laboratory. To learn interface of hardware equipment & integration of AI & ML concepts
Benefit in terms of Learning / Skill / Knowledge Obtained	Students witnessed a real time demonstration of voice operated Multi-linguistic based MITRA Robot.

A brief report on **Field Visit to AI Enabled Robotics Station** is as summarised below.

- An exposure visit by Department of E&CE was organized in view of knowledge gaining exercise for Students and challenging them to identify new ventures.
- To explore such avenues, one of the easily available and nearby located place is IIIT, Dharwad where researchers working in E&CE field have come up with the design of **voice operated Multi-linguistic based MITRA Robot**.
- MITRA Robot** has found several solutions and it is an unique product embedded with speech processing, speech translation, activation of sensors & transducers to carry out a specific task based on master commands and enabled with possible GUI.
- Students were able to deal with the functioning of MITRA, understanding encapsulated and integrated hardware, software co-design and the immense amount of efforts behind bringing a diversified robot.
- Students expressed their heartfelt gratitude to the Department for arranging such an exposure visit to a Nationally acclaimed premiere Institute.
- In addition to this field visit, Students also witnessed a Grand Inauguration of India Mobile Congress 2023 and 100 5G Use Cases Laboratory Award Ceremony at IIIT, Dharwad.
- Honorable Prime Minister, Shri Narendra Modi** inaugurated the event and recalled that India surprised the world with its 5G rollout last year.
- He said that India did not stop after the success of 5G and worked on reaching it to every individual.

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Principal

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Date: 27.10.2023

Continued...

- He informed that India has developed 4 lakh 5G base stations that cover more than 97 percent of the cities and 80 percent of the population.
- He also said that India's median mobile broadband speed has increased three times within one year, and that India has moved from the 118th position to the 43rd position in terms of broadband speed. He further added that India is not only expanding its 5G network but also becoming a leader in 6G technology.

Glimpses of Field Visit to AI Enabled Robotics Station




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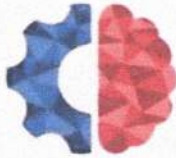

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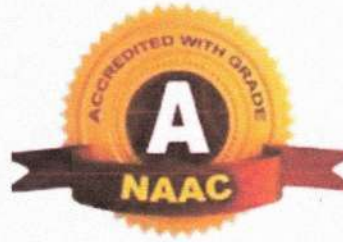
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HACKATHON - 2023




Date:
**28th – 30th September
2023**
Online Mode



**Smart India
Hackathon
2023**



Register & Participate
<https://forms.gle/EH4QihndBCrY1NuY6>

Coordinators:
Prof. Deepak Sharma
Prof. Rahul C. M.

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President IIC,
Prof. & HoD (E&CE)

Dr. V. A. Kulharni,
Principal

KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal



Date: 30.09.2023

Report on Intra Institutional Hackathon

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter I
Program Driven by	IIC Calendar Activity
Program Type	Level 4 - Hackathon
Program / Activity Name	Organize an Inter / Intra Institutional Idea Competition / Challenge / Hackathon and Reward Best Ideas.
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	18 Hrs.
Event Host	ECE and IIC
Start Date	28 th September 2023
End Date	30 th September 2023
Number of Students Participants	182
Number Faculty Participants	NIL
Number of External Participants (If Any)	NIL
Remarks	A qualifying Hackathon competition has been arranged to streamline Students Ideas in line with SIH – 2023
Mode of Session Delivery	Offline
Objectives	To prepare Young Engineering minds towards Ideas in Smart Automation, Fitness & Sports, Heritage & Culture, Med tech / Bio tech / Health tech, Agriculture, Food tech and Rural development etc...
Benefit in terms of Learning / Skill / Knowledge Obtained	Students acquired Skills of identifying the problems of society & are able to provide technical solution.

A brief report on **Intra Institutional Hackathon** is as summarised below.

- **Institute Innovation Council, KLS VEDIT, Haliyal** organized Hackathon for all Students from 28th to 30th September 2023.
- A qualifying Hackathon at the Institute level has been organized in two different stages namely, a preliminary quiz and a theme based programming test.
- A Quiz containing multiple choice questions for 50 Marks was given to Students, which acted as elimination round for a theme based programming test.
- A total of 180+ Students registered across all the Departments and participated in Quiz.
- Amongst 180+ Students / 30+ Teams, only Top 18 Teams have been shortlisted from second round.
- A prime highlight of this event was not only conducting two rounds of competition, however, Faculty Mentors provided an extensive sessions on orienting Students towards challenges & solutions required in the following domains,
- Medtech / Biotech / Healthtech, Agriculture / Foodtech / Rural development, Smart Vehicles, Transportation & Logistics, Robotics & Drones, Clean & Green Technology, Tourism, Renewable / Sustainable Energy, Block Chain & Cyber Security, Smart Education, Disaster Management, Games & Toys, Fintech, Smart Automation, Fitness & Sports, Space Technology, Heritage & Culture.

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Quiz Competition



For Standards Club members

BUREAU OF INDIAN STANDARDS

*Ministry of Consumer Affairs,
Food & Public Distribution*



STANDARDS CLUB : SC-4304



Issai



Prizes



1 Rs. 6,000/-



2 Rs. 4,000/-



3 Rs. 2,000/-



Date: October 30th , 2023

10.30 a.m.

Venue

K-Tech. NAIN Center.

KLS VEDIT Campus, Haliyal




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Date: 30.10.2023

Report on Demonstration on Standards, Products, Services and Systems through Quiz Competition

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter I
Program Driven by	IIC Calendar Activity
Program Type	Level 1 – Mentoring Session / Quiz
Program / Activity Name	Mentoring Event: Demo Day / Exhibition / Poster Presentation of Ideas / PoC & linkage with Innovation Ambassadors / Experts for Mentorship Support.
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	02 Hrs.
Event Host	ME
Start Date	30 th October 2023
End Date	30 th October 2023
Number of Students Participants	15
Number Faculty Participants	NIL
Number of External Participants (If Any)	NIL
Remarks	Students participants successfully participated in demonstration of Standards, Products, Services & Systems through Quiz Competition.
Mode of Session Delivery	Offline
Objectives	• To understand & incorporate Indian Standards for Products, Services & Systems through a Quiz activity organised by BIS Club of the Institute
Benefit in terms of Learning / Skill / Knowledge Obtained	Students able to bifurcate various Standards utilised in Products, Services & Systems across country as per BIS

A brief report on “**Demonstration on Standards, Products, Services and Systems through Quiz Competition**” is as summarised below. The event was held on 30th Oct. 2023.

- Standards Club (SC-4304), KLS VDIT, Haliyal has been established in the Institute & Students from different Departments are the members of the club organizing variety of activities under the guidance of Faculty Mentors.
- A mentoring session comprising of Standards, Products & Services has been organised to train Students about Products under Compulsory Certification, Product Specific Information, Labeling of Environmental Friendly Products, Product Licensing, Testing procedures, Specific Quality requirements and so on.
- The detailed presentation on BIS & its Standards has been carried out by Dr. Shankar Badiger and Dr. Anant Joshi Mentors, Standards Club, KLS VDIT, Haliyal. Along with a quiz competition for Students. The event was conducted for more than 2 hours of duration.
- Following Students secured 1st, 2nd and 3rd place, Ms. Aishwarya S. Kshirsagar, Ms. Madhu M. Horakeri, Ms. Noopur K. Mahendrakar, respectively.


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Date: 30.10.2023

Glimpses of Demonstration on Standards, Products, Services and Systems through Quiz Competition



Principal
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Institute of Technology, Haliyal

Dr. Mahendra M. Dixit,
PRESIDENT,
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KLS Vdit, Haliyal (E & CE)
KLS Vdit, Haliyal
NO CODE: IC202218479



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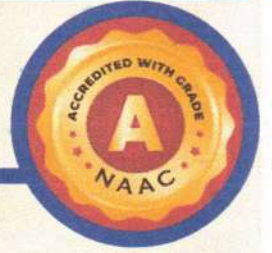
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DEPARTMENT OF E&CE

In Association with
**Institution's Innovation Council,
ISTE & KLS V D I T Alumni Association**



Ministry of Education's
INNOVATION CELL
(GOVERNMENT OF INDIA)

Technical Talk on



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)

“ IMPORTANCE OF 4G AND 5G TECHNOLOGY ”



Mr. Bandangouda Sankangoudar
Test Architect, Specialized in LTE & 5G Core
Ericsson Global India
Proud Alumnus 2006-2010 Batch



**19th Oct. 2023,
10.30 AM**

Venue: Visvesvaraya Seminar Hall

www.klsvdit.edu.in



Prof. Plasin Dias,
Prof. Shree Gowri S. S.,
Alumni Coordinators

Dr. Mahendra M. Dixit,
President, IC
KLS V D I T (E&CE)
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Dr. V. A. Kulbarni,
Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

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Date: 19.10.2023

Report on "Importance of 4G and 5G Technology"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter I
Program Driven by	IIC Celebration Activity
Program Type	Level 1 – Expert Talk
Program / Activity Name	Institution's Innovation Day - 15 th Oct. 2023 (Dr. APJ Abdul Kalam's Birth Anniversary)
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	04 Hrs.
Event Host	ECE and IIC
Resource Person / Guest Speaker	Shri. Bandangouda Sankangoudar, Test Architect, Specialized in LTE and 5G Core Ericsson Global India, Bangalore
Start Date	19 th October 2023
End Date	19 th October 2023
Number of Students Participants	84
Number Faculty Participants	15
Number of External Participants (If Any)	NIL
Remarks	Resource person represented various generations of communication & their standards with unique real time illustrations.
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">• Creating awareness on latest Trends and Technologies in 4G & 5G among Faculty Members and Students.• To orient Staff & Students to take up project / research work in the communication networks domain.
Benefit in terms of Learning / Skill / Knowledge Obtained	Staff & Students have been motivated towards understanding & identifying research gaps & learnt to tackle in solving practical challenges in the field.

A brief report on **Importance of 4G and 5G Technology** is as summarised below.

- A diversified event entitled **Importance of 4G and 5G Technology** has been organised in view of Institution's Innovation Day on the eve of Birth Anniversary of his excellency Dr. APJ Abdul Kalam on 15th October 2023.
- Mr. Bandangouda Sankangoudar, Test Architect, Specialized in LTE and 5G Core Ericsson Global India, Bangalore was the resource person on this occasion. The event has been organised with the formal inauguration through welcome address & introduction of Guest Speaker, address by Guest Speaker followed by Presidential remarks and vote of thanks.
- Mr. Bandangouda narrated each and every aspect of Communication Network Technologies and its evolution to Students and Staff.
- His talk started with different Modulation schemes of Communication Systems starting from AM, FM & PM including some of the basics of Analog & Digital domains.

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Date: 19.10.2023

Continued...

- Rich experience of Guest Speaker enabled Students to learn the fundamental differences available in 1G, 2G, 3G, 4G & 5G technologies. He also highlighted developmental & incremental improvements took place across network protocols & Students made aware to his deliberations
- Mr. Sankangoudar advised Students to focus and concentrate on fundamental building blocks of communication systems along with design specifications, device selection and optimization found useful for the development of present generation technologies.
- At the end of his presentation Mr. Bandangouda described Students about available opportunities in communication industries and interested to mentor Students aspiring to enter into such specific domain of companies.

Dr. Mahendra M. Dixit,
President, IIC
INSTITUTION'S INNOVATION COUNCIL,
Prof. & Head (E&CE)
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Institute of Technology, Haliyal



Date: 19.10.2023

Glimpses of "Importance of 4G and 5G Technology"



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Institute of Technology (VDIT)



Transforming Through Technology

In View of **NATIONAL ENTREPRENEURSHIP DAY**

IPR Cell, KLS VDIT &

Karnataka State Council for Science & Technology (KSCST)

organises

TWO DAYS ONLINE FDP ON

“IPR and Patent Subject Matters”



Mr. Nagarjun M. G.

Project Associate

Karnataka State Council for Science
& Technology (KSCST)
IISc, Bengaluru 560012



Mrs. Priyanka

Project Associate

Karnataka State Council for Science
& Technology (KSCST)
IISc, Bengaluru 560012

9th November 2023 to 10th November 2023 (2pm to 3pm).

Registration Fees:

Academicians and Working Professionals: Rs.100/-

Students: Free

E-certificates will be issued to all the registered participants fulfilling the minimum attendance.

Payment Details:

Bank Name: Union Bank of India

Name of the Branch: Haliyal

Account Holder: PRINCIPAL, KLS VDIT

Account Number: 520101227312674

IFSC Code: UBIN0900630

Scan for Registration Link



Dr. Shylesha V Channapattana

Coordinator-IPR Cell

9404230733, Email: svc@klsvdit.edu.in

Dr. V A Kulkarni

Principal

KLS Vishwanathrao Deshpande

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Date: 10.11.2023

Report on "IPR and Patent Subject Matters"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter I
Program Driven by	IIC Celebration Activity
Program Type	Level 3: Workshop
Program / Activity Name	National Entrepreneurship – Day 9 th November
Program Theme	IPR & Technology Transfer
Duration of the Activity (In Hrs.)	10 Hrs.
Event Host	ME and IIC
Resource Person / Guest Speaker	Day 1: Mr. Nagarjun M. G., Project Associate, KSCST, IISc. Day 2: Mrs. Priyanka, Project Associate, KSCST, IISc.
Start Date	9 th November 2023
End Date	10 th November 2023
Number of Students Participants	400
Number Faculty Participants	80
Number of External Participants (If Any)	20
Remarks	The 02 eminent Resource Persons presented minute details of IPR & Patent details to Staff & Students
Mode of Session Delivery	Online
Objectives	The Fundamental objective is to Introduce Students to Intellectual Property Rights & percolating the Importance of patent filing and Copyright
Benefit in terms of Learning / Skill / Knowledge Obtained	Students attaining knowledge with respect to Patent documents & preparation, Patent Drafting & filing tips through fast track mode

A brief report on **IPR and Patent Subject Matters** is as summarised below.

- The Institute's Innovation Council, IPR Cell and the Department of Mechanical Engineering jointly organised **Two Days Faculty / Students Development Program** entitled "**IPR and Patent Subject Matters**" during **9th to 10th November 2023**. This important FDP / SDP has been organised on the significant day of celebration i. e. in view of **National Entrepreneurship Day (9th Nov.)**.
- **Mr. Nagarjun M. G., Project Associate, KSCST, IISc.** and **Mrs. Priyanka, Project Associate, KSCST, IISc.** were the resource persons for the program and conducted exhaustive brainstorming sessions on each & individual aspects of IPR and Patents.
- Mr. Nagarjun encapsulated the process of *ideation, design – redesign, generating proof of concept*, feasibility test till innovation from literature. He depicted every process corner with respective illustration and example in a comprehensive manner to effectively reach out the large mass of audience.


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Date: 10.11.2023

Continued...

- Mrs. Priyanka on the other side complemented Mr. Nagarjun with her expertise in bringing out the Patent documents & prepare them towards filing. Her specialisation of converting the working project into an IPR was really impressive and possibly provided various ways of clinching Patent from the session.
- In addition to the above delivery, both resource persons exaggerated on the concept of IPR & Technology Transfer, Engineering redesigns & Product development directly / indirectly assisting societal challenges with ready to use solutions.
- Dr. Shylesha V. Channapattana, Coordinator-IPR Cell & Mr. Naveen Hiremath have coordinated the Two Days Workshop through IPR Cell & Department of Mechanical Engineering.
- Dr. Mahendra M. Dixit, President IIC & Dr. V. A. Kulkarni, Principal expressed their happiness towards the successful conduction of the event where good number of Students participation is witnessed and the program was an Eye-opener for many of participants.


Dr. Mahendra M. Dixit,
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Prof. & Head (E&CE),
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Date: 10.11.2023

Glimpses of "IPR and Patent Subject Matters"

The slide displays a hierarchical classification of property and intellectual property. **PROPERTY** is divided into **Tangible** (Movable: Chair, Table etc.; Immovable: Building, Land etc.) and **Intangible** (Rights: Right to education, live). **INTELLECTUAL PROPERTY** is divided into **Industrial Property** (Patents, Design) and **Copyrights**. A document image is also visible on the right side of the slide.

The slide titled "Can it be patented?" lists several items: **100% efficient diesel engine**, **Perpetual motion machine**, **Treatment of a patient**, and **Discovery of new animals/species**. Each item is accompanied by a small image. The slide also features a video player at the bottom.



M. S. Narayana
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[Signature]
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 Page 3 of 4



Date: 10.11.2023

Glimpses of "IPR and Patent Subject Matters"

What can be IP protected here???

- PillCam
- Knives
- Plant
- Mechanical part

People: 167 participants. Presenters: 4. Attendees: 170.

Filing Procedure in India

- Filing of patent application
- Processing at IPO
- Publication
- Examination
- Pre-grant opposition
- Grant
- Post-Grant opposition
- Maintenance

People: 130 participants. Presenters: 4. Attendees: 135.



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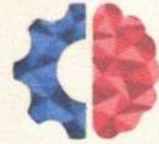
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**INSTITUTION'S
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(Ministry of Education Initiative)



Ministry of Education's
INNOVATION CELL

ONE DAY WORKSHOP ON "CO-PO INSIGHTS"

In view of Celebration of **NATIONAL EDUCATION DAY !!! (11TH November)**



सत्यमेव जयते
Ministry of Education
Government of India



Mr. Sudhakar Hallur
Software Engineer,
Elektrobot, Bangalore

**Venue: Smart Classroom,
E&CE Dept.**

**25th November, 2023
10.00 AM onwards**

Prof. A. S. Joshi
Event Coordinator

Dr. Mahendra M. Dixit,
President IIC,
Prof. & HoD (E&CE)

Dr. V. A. Kulkarni,
Principal

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Date: 25.11.2023

Report on "CO – PO Insights"

Academic Year	2023–24 (IIC6.0)
Quarter	Semester 1 – Quarter I
Program Driven by	IIC Celebration Activity
Program Type	Level 2 – Workshop
Program / Activity Name	National Education Day – 11 th November
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	05 Hrs.
Event Host	ECE & IIC
Resource Person / Guest Speaker	Mr. Sudhakar Hallur, Software Engineer, Elektrobit, Bangalore
Start Date	25 th November 2023
End Date	25 th November 2023
Number of Students Participants	NIL
Number Faculty Participants	35
Number of External Participants	NIL
Remarks	Educating Faculty Members on Course Outcomes and Program Outcomes & Attainments calculation at individual Course Level.
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none"> To understand the importance of COs, POs and PSOs To develop mathematical process for attainment calculations To understand & analyze attainment in quantitative perspective for the betterment of overall quality of Teaching – Learning
Benefit in terms of Learning / Skill / Knowledge Obtained	Opportunity to Faculty to up-grade knowledge based in the form of curriculum gaps, filling gaps, critical analysis through developing mechanisms of calculating CO – PO as an integral part of accreditation.

A brief report on Talk on **CO – PO Insights** is as summarised below.

- A significant program entitled "**CO – PO Insights**" has been chalked out by the Department of E&CE in view of **National Education Day (11th Nov.)** and organised by IIC KLS VDIT.
- Mr. Sudhakar Hallur, Software Engineer, Elektrobit, Bangalore** was the resource person for the event who is an experienced academician developed calculation of attainments at several levels in curriculum.
- Mr. Sudhakar started his presentation with an example of developing an *Engineering Course, Course Objectives / Outcomes mapping to Program Outcomes along with assignment of levels starting from 1 (Low), 2 (Medium) & 3 (High) in a more methodical, strategic and concise manner.*
- He emphasised on development of overall curriculum in line with present industry trends through tailor made specific COs / POs assisting Students to carry minimal gap before entering into professional career. This aspect enabled both Students & Faculty to improve & uplift their respective learning standards and give their best as per the trends and requirements.
- Prof. A. S. Joshi coordinated the event from Department of E&CE in association with IIC of the Institute where more than 35 Faculty Members participated & more than 80 Faculty Members received the content of the workshop through various means.
- Dr. Mahendra M. Dixit, President IIC, Dr. V. A. Kulkarni, Principal, all Deans and HoDs were present on this occasion.

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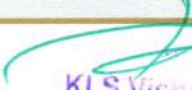


Date: 25.11.2023

Glimpses of "CO – PO Insights"




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Date: 25.11.2023

Glimpses of "CO – PO Insights"



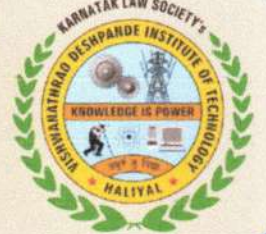
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Celebration of
“ENGINEER’S DAY”
As a mark of Remembrance & Tribute to
BHARAT RATNA
Sir M. VISVESVARAYA

RELEASE OF
PROCEEDINGS OF ACTIVITIES
INSTITUTION’S INNOVATION COUNCIL

IIC 5.0 AY: 2022 – 23, IIC CODE: IC202218479

GUEST OF HONOUR
DR. MANJUNATH
IIIT, Dharwad

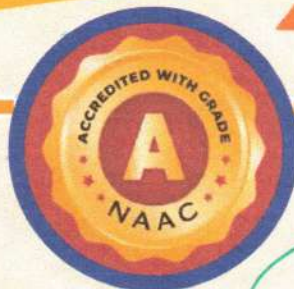
CHIEF GUEST
DR. SIDDU HULALLI
General Manager (Admin. & HR)
HESCOM, Hubli



15th Sept. 2023
@ 11:00 AM

:VENUE:
VISVESVARAYA
SEMINAR HALL

EDITOR
Dr. Mahendra M. Dixit,
President, IIC
Prof. & Head (E&CE)



CHIEF EDITOR
Dr. V. A. Kulkarni,
Principal
KLS Vishwanathrao Deshpande
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Date: 15.09.2023

Report on Engineer's Day Celebration

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter I
Program Driven by	IIC Celebration Activity
Program Type	Level 1 – Expert Talk
Program / Activity Name	Engineer's Day
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	04 Hrs.
Event Host	E&CE and IIC
Resource Person / Guest Speaker	• Dr. Siddu Hulalli , General Manager (Admin. & HR), HESCOM • Dr. Manjunath , IIIT, Dharwad
Start Date	15 th September 2023
End Date	15 th September 2023
Number of Students Participants	200+
Number Faculty Participants	80+
Number of External Participants (If Any)	NIL
Remarks	Engineer's Day was celebrated through honouring Final Year Engineering Graduates with their Degree Certificate in the form of Graduation Day
Mode of Session Delivery	Offline
Objectives	• To release Proceedings of IIC5.0 Activities conducted for the Year 2022-23 • To Celebrate Graduation Day on the occasion of Engineer's Day
Benefit in terms of Learning / Skill / Knowledge Obtained	Students received Engineering Graduation Degree Certificates & participated in Engineer's Day celebration.

A brief report on **Engineer's Day** Celebration is as summarised below.

- The KLS Vdit in Association with Institution's Innovation Council has successfully conducted Engineer's Day Celebration on 15th September 2023. The event was started at 10.30 am in Visvesvaraya Seminar Hall with Formal Welcome by IIC President, Dr. Mahendra M. Dixit, Prof. & Head, Dept. of E&CE, along with Introducing Chief Guest & Guest of Honour to the gathering.
- **Dr. Siddu Hulalli**, General Manager (Admin. & HR), HESCOM, Hubli was the Chief Guest and addressed the gathering. He narrated the importance of Engineering Education in present context & serving the society by incorporating technological solutions.
- Dr. Siddu presented his views to Students to have thorough fundamental knowledge of basic engineering courses aligned to advanced studies for the effective implementation of concepts in real time. He emphasized on the roles of Parents and Teachers & suggested Students to keep gratitude towards their efforts in shaping bright career. Dr. Hulalli also enforced Students to


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Date: 15.09.2023

Continued...

incorporate universal human values with utmost sincerity, obedience, and to be always loyal at work place.

- **Dr. Manjunath**, IIIT, Dharwad was the Guest of Honour presented his views to Students on taking up variety of challenges of Life through acquaint of Engineering Graduation.
- Dr. Manjunath explained the significance of Engineering and Technology in everyone's life and its necessity in societal development at large.
- Dr. Manjunath pointed out on career opportunities after Engineering Graduation irrespective of different Engineering Branches. Such opportunities may include pursuing higher education in & around the Country, qualifying competitive exams conducted by Public & Private Organizations.
- Chief Guest & Guest of Honour extended their best wishes to graduated Students & their Parents.
- On this auspicious occasion, a comprehensive proceeding of IIC5.0 Activities has been released by the eminent Guests, Principal and President IIC.
- **Principal Dr. V. A. Kulkarni** presented presidential remarks and Prof. A. V. Kolaki, Head, Dept. of E&EE, presented Vote of Thanks.


Dr. Mahendra M. Dixit,
PRESIDENT,
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Prof. & Head (E&CE)
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Date: 15.09.2023

Glimpses of Engineer's Day Celebration



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Institution's Innovation Council (IIC6.0)

Q2 Activity Reports



Ministry of Education's
INNOVATION CELL
(GOVERNMENT OF INDIA)

KLS Vishwanathrao Deshpande Institute of Technology



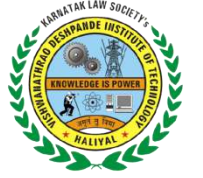
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Date: 27.11.2023

INSTITUTION'S INNOVATION COUNCIL – CALL FOR MEETING

A meeting of **Institution's Innovation Council (IIC) Members** is conveyed on **29th November 2023** at **2:00 PM** in GC Room to discuss the following agenda with kind permission of the Principal.

1. **Quarter – 1** Reports Summary by President IIC, KLS VEDIT, Haliyal.
2. Plan of Action for Quarter 2: **1st December 2023 to 29th February 2024**
3. Any other matter with the permission of Chair

Dr. Mahendra M. Dixit,
President IIC,
KLS VEDIT, Halival

PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
KLS VEDIT, HALIYAL -581329
IIC CODE: IC202218479

KLS Vishwanathrao Deshpande Institute of Technology



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Date: 29.11.2023

INSTITUTION'S INNOVATION COUNCIL – MINUTES OF MEETING

A meeting of all the **Members of Institution's Innovation Council** has been conducted and the following discussions have been taken place during the meeting.

1. Dr. Mahendra M. Dixit, President, IIC, KLS Vdit, Haliyal welcomed the all the Members for meeting and shared the agenda of discussion.
2. President, IIC summarised details of completed Quarter – 1 Activities during the Meeting.
3. The forum also discussed about the conduction of activities for Quarter – 2 for IIC6.0 for the AY 2023-24.
 - a. One Day Hands-on workshop on Applications of Raspberry Pi - A Project based Approach – Proposed by Dept. of E&CE
 - b. "What after PUC and Career Opportunities in Engineering" – Proposed by T&P Cell
 - c. Two Days Hands-On Workshop on "Revolutionizing Automotive Safety: AI in Advanced Driver – Assistance Systems (ADAS)" – Proposed by Dept. of CS&E
 - d. Technical Talk on "From Shifting Gears to Strategizing Businesses: Navigating the Mechanical Mind-set for a Career Journey" – Proposed by Dept. of Mechanical Engg.
 - e. "Hands on Application of AI Tool" – Proposed by Dept. of E&CE
 - f. An Industry Visit to Infosys Limited, Mysore – Proposed by Dept. of CS&E
 - g. Technical Competition on Encryption and Decryption Methods – Proposed by Dept. of E&CE
 - h. One Day Poster Making Competition – Societal Challenges and Possible Remedies – Proposed by Dept. of E&CE
4. Along with these activities, planned for Celebration Days Activities for the Quarter – 2 of IIC6.0
 - i. National Pollution Control Day – Proposed by Dept. of Civil Engg. and E&CE
 - ii. National Energy Conservation Day (India) – Proposed by Dept. of E&EE
 - iii. National Youth Day – Proposed by NSS wing
 - iv. National Start-up Day – Proposed by Dept. of E&CE
 - v. National Science Day – Proposed by Dept. of BSH
5. Principal appreciated the IIC Committee Members and Staff for their efforts for conducting various activities successfully.

Dr. Mahendra M. Dixit,
President IIC,
KLS Vdit, Haliyal

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GLIMPSES OF INSTITUTION'S INNOVATION COUNCIL – MEETING



Dr. Mahendra M. Dixit,
President IIC,
KLS Vdit, Haliyal
PRESIDENT,
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KLS Vdit, HALIYAL -581329
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Institution's Innovation Council (IIC)

Calendar of Events for the Academic Year 2023-24

SECOND QUARTER (Q2) : 1 ST DECEMBER 2023 TO 29 TH FEBRUARY 2024		THRUST AREA: VALIDATION AND CONCEPT DEVELOPMENT
Sl. No.	Activity	Mode of Conduction
1	Workshop on Design Thinking, Critical thinking and Innovation Design	Offline / Online
2	Organizing Innovation & Entrepreneurship Outreach Program in Schools / Community	Offline
3	Organize an Expert talk on Process of Innovation Development, Technology Readiness Level (TRL); Commercialization of Lab Technologies & Tech-Transfer	Offline / Online
4	Workshop on Entrepreneurship Skill, Attitude and Behavior Development	
5	Conduct a Session on Achieving Problem-Solution Fit and Product-Market Fit	
6	Field / Exposure Visit to Pre-incubation units such as Ideas Lab, Fab lab, Makers Space, Design Centers, City MSME clusters, workshops etc.	Offline
7	Organize an Inter / Intra Institutional Innovation Competition / Challenge / Hackathon and Reward Best Innovations.	
8	Mentoring Event: Demo Day / Exhibition / Poster Presentation of Innovations / Prototypes & linkage with Innovation Ambassadors / Experts for Mentorship Support.	Offline / Online

Dr. Mahendra M. Dixit
President IIC,
Prof. & Head, Dept. of E&CE,
KLS VEDIT, Haliyal.

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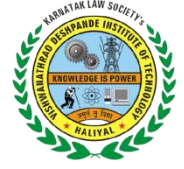
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Institution's Innovation Council (IIC)

The MoE IIC has decided to conduct Activities in view of Special Occasions of National importance. In this connection, IIC, KLS Vdit, Haliyal, is keen in arranging variety of events under below mentioned Celebration Days.

Sl. No.	Date	Celebration Activity Name	Quarter
1	2 nd Dec. 2023	National Pollution Control Day	Q2
2	14 th Dec. 2023	National Energy Conservation Day (India)	
3	12 th Jan. 2024	National Youth Day	
4	16 th Jan. 2024	National Start-up Day	
5	28 th Feb. 2024	National Science Day	

Dr. Mahendra M. Dixit
President IIC,
Prof. & Head, Dept. of E&CE,
KLS Vdit, Haliyal.

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INSTITUTION'S INNOVATION COUNCIL (IIC6.0) SUMMARY OF QUARTER – 2 ACTIVITIES REPORT (1ST DECEMBER 2023 TO 28TH FEBRUARY 2024)

SL. NO.	TITLE OF ACTIVITY AS PER IIC	EVENT TITLE	SCHEDULE OF ACTIVITY	HOST DEPT.
1	Workshop on Design Thinking, Critical thinking and Innovation Design	Applications of Raspberry Pi - A Project based Approach	9 th Dec. 2023	E&CE
2	Organizing Innovation & Entrepreneurship Outreach Program in Schools / Community	What after PUC and Career Opportunities in Engineering	9 th Dec. 2023	T&P
3	Organize an Expert talk on Process of Innovation Development, Technology Readiness Level (TRL); Commercialization of Lab Technologies & Tech-Transfer	Revolutionizing Automotive Safety: AI in Advanced Driver – Assistance Systems (ADAS)	14 th – 15 th Dec. 2023	CSE
4	Workshop on Entrepreneurship Skill, Attitude and Behavior Development	From Shifting Gears to Strategizing Businesses: Navigating the Mechanical Mind-set for a Career Journey	19 th Dec. 2023	ME
5	Conduct a Session on Achieving Problem-Solution Fit and Product-Market Fit	Hands on Application of AI Tool	29 th Dec. 2023	E&CE
6	Field / Exposure Visit to Pre-incubation units such as Ideas Lab, Fab lab, Makers Space, Design Centers, City MSME clusters, workshops etc.	An Industry Visit to Infosys Limited, Mysore	9 th Dec. 2023	CSE
7	Organize an Inter / Intra Institutional Innovation Competition / Challenge / Hackathon and Reward Best Innovations.	Technical Competition on Encryption and Decryption Methods	30 th Dec. 2023	E&CE
8	Mentoring Event: Demo Day / Exhibition / Poster Presentation of Innovations / Prototypes & linkage with Innovation Ambassadors / Experts for Mentorship Support.	Poster Making Competition – Societal Challenges and Possible Remedies	12 th Dec. 2023	E&CE
CELEBRATION ACTIVITIES				
9	National Pollution Control Day - 2 nd Dec. 2023	Save Planet: Tree Plantation and Awareness Program on Pollution Control	2 nd Dec. 2023	CVE & E&CE
10	National Energy Conservation Day (India) - 14 th Dec. 2023	Hybrid Electric Vehicles	22 nd Dec. 2023	E&EE
11	National Youth Day - 12 th Jan. 2024	Celebration of National Youth Day	12 th Jan. 2024	NSS
12	National Startup Day - 16 th Jan. 2024	Applications of LabVIEW	19 th Jan. 2024	E&CE
13	National Science Day - 28 th Feb. 2024	Celebration of National Science Day	28 th Feb. 2024	BSH
MIC-DRIVEN ACTIVITIES				
14	MIC Driven Activity	VIKSIT BHARAT @ 2047 Utsav	11 th Dec. 2023	IIC
15	IIC Regional Meet	Participation in IIC Regional Meet at KLETU, Hubballi	19 th Jan. 2024	IIC



Date: 09.12.2023

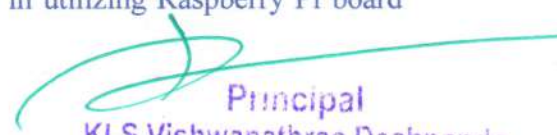
Report on One Day Hands-on workshop on Applications of Raspberry Pi – A Project based Approach

Academic Year	2023–24 (IIC6.0)
Quarter	Semester 1 – Quarter II
Program Driven by	IIC Calendar Activity
Program Type	Level 3 – Workshop
Program / Activity Name	Workshop on Design Thinking, Critical thinking and Innovation Design
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	09 Hrs.
Event Host	E&CE and IIC
Resource Person	Mr. Kumar Karamadi , Trainer, GTTC Hubballi. Mr. Suhas Nadakattin , Trainer, GTTC Hubballi.
Start Date	9 th December 2023
End Date	9 th December 2023
Number of Students Participants	50+
Number Faculty Participants	15
Number of External Participants	NIL
Remarks	Learning Raspberry Pi prototyping board through implementation of Mini Projects
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">• To educate Students to use Raspberry Pi features• To implement Mini Project ideas for functionality test• To verify working of idea / concept through feasible implementation by using sensors / actuators
Benefit in terms of Learning / Skill / Knowledge Obtained	Learning and utilizing available small credit card sized hardware platform for the implementation of several mini projects and acquainting the concept of rapid prototyping in academic endeavor.

A brief report on **One Day Hands-on Workshop on Applications of Raspberry Pi – A Project based Approach** is as summarised below.

- Department of E&CE has organised a *One Day Hands-on Workshop on Applications of Raspberry Pi – A Project based Approach* under the banner of IIC on **9th December 2023** at KLS Vdit, Haliyal. The event was coordinated by *Prof. Deepak Sharma* and *Prof. Rahul C. M., Department TPO and Internship Coordinators* to the Students of circuit branches.
- **Mr. Kumar Karamadi & Mr. Suhas N., Trainers from GTTC, Hubballi** were the resource persons on this occasion and shared their expertise to Students in utilizing Raspberry Pi board for their academic projects.


PRESIDENT,
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Institute of Technology, Haliyal

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Date: 09.12.2023

Continued...

- Mr. Kumar presented his views on the capabilities of Raspberry Pi board such as *CPU, HDMI Port, RAM, Graphic Processing Unit, and Ethernet Port, etc...* during the session & shared smallest of all the details of the board to Students.
- Mr. Suhas in his address narrated about the Software Core and its capabilities with respect to programming. He also elaborated the support of on-board devices and peripherals along with the *interfacing variants of Sensors & Actuators, which are found useful in connecting to external world.*
- Both of the resource persons were knowledgeable, experienced and delivered the hands on session to *Students step by step starting from identification of components, writing pseudo code / core kernel, selection & interfacing need based sensors and actuating them upon certain decision through well guided methods.* Resource persons shared list of projects to Students which can be built on the raspberry Pi board and prototype them accordingly to verify feasibility of implementation of ideas.
- In addition, resource persons convinced all the participants through question and answer sessions. The workshop continued for more than *9 hours* in which Students participated actively and appreciated the Department and IIC for arranging an outcome based event.
- Dr. Mahendra M. Dixit, President IIC and Dr. V. A. Kulkarni, Principal, along with Faculty Members of circuit branches were present.

Dr. Mahendra M. Dixit,

President IIC,

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Glimpses of One day Hands-on workshop on Applications of Raspberry Pi – A Project based Approach

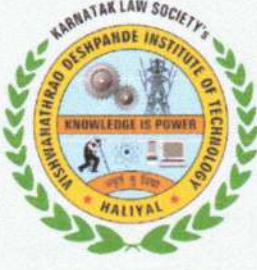


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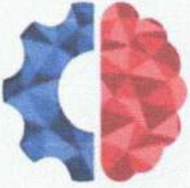
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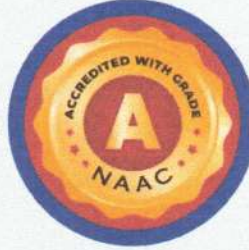
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**INSTITUTION'S
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(Ministry of Education Initiative)

**Organizing Innovation & Entrepreneurship Outreach
Program in Schools / Community**
**“What after PUC and Career Opportunities
in Engineering”**



Prof. Rajat Acharya
T&P Cell, KLS VEDIT, Haliyal



Prof. Harsha Jadhav
Dept. of Civil Engineer

Venue: MES PUC College, Sirsi, Date: 9th December, 2023

Dr. Mahendra M. Dixit,

PRESIDENT

INSTITUTION'S INNOVATION COUNCIL,

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Dr. V. A. Kulkarni,

Principal

**KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal**



Date: 09.12.2023

Report on "What after PUC and Career Opportunities in Engineering"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter II
Program Driven by	IIC Calendar Activity
Program Type	Level 2 – Seminar
Program / Activity Name	Organizing Innovation & Entrepreneurship Outreach Program in Schools / Community
Program Theme	Innovation & Design Thinking / Entrepreneurship & Start-up
Duration of the Activity (In Hrs.)	06 Hrs.
Event Host	TPO, CVE and IIC
Resource Person / Guest Speaker	Prof. Rajat Acharya, Director, T&P Cell, KLS VEDIT Prof. Harsha Jadhav, Dept. of Civil Engineering, KLS VEDIT
Start Date	9 th December 2023
End Date	9 th December 2023
Number of Students Participants	10+
Number Faculty Participants	20+
Number of External Students Participants	80+
Remarks	Motivating Students towards Engineering & Career opportunities through I&E
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">To encourage PUC Students (10+2) towards Engineering Professional educationTo cultivate & mould Students to take up innovational & entrepreneurial activities during Engineering Graduation
Benefit in terms of Learning / Skill / Knowledge Obtained	Exposure to Students towards Engineering career through the means of I&E initiatives.

Following is the report on "What after PUC and Career Opportunities in Engineering"

- The event entitled "What after PUC and Career Opportunities in Engineering" has been successfully organised by T&P Cell and Department of Civil Engineering of KLS VEDIT under the heading of IIC's outreach program for Schools / PUC Students by encouraging through I&E awareness. The event was conducted on 9th December 2023 at MES PU College, Sirsi.
- The said outreach program is designed to meet the objectives such as to encourage PUC Students (10+2) towards Engineering Professional Education, to cultivate & mould Students to take up innovational & entrepreneurial activities during Engineering Graduation.
- The overall theme of this program to make Students aware about the importance of Engineering Graduation, opportunities through significant I&E activities for career shaping along with the creation of wealth amongst Young Engineers.

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Continued...

- Prof. Rajat Acharya expressed his views on benefits of taking up *Mechanical Engineering as a Profession* and opening up of opportunities in the capacity of job seeker. He also focused on learning of *Mechanical Engineering with interdisciplinary approach provides greater opportunities to become an entrepreneur.*
- He concluded his presentation by orienting Students with the evolution of Engineering for the benefit of the Society and how a Mechanical Engineering professional can contribute effectively.
- Prof. Harsha Jadhav, Faculty of Civil Engineering provided insights of Engineering Graduation through several illustrative examples such as *Engineering Marvels of Civil Engineering, Electrical Engineering and presently assisted by Computer Science & Engineering with allied domains.* In his talk, he quoted how I&E will effectively play an important role in establishing a worthy Engineering Professional for the Society.
- In summary Prof. Harsha demonstrated the advantages of being an Engineer who will directly connect and contribute in providing solutions to the real life challenges of Society.
- Dr. Mahendra M. Dixit, President IIC and Dr. V. A. Kulkarni, Principal appreciated efforts taken by Faculty Members in showing interest and motivating PUC Students.

Dr. Mahendra M. Dixit,

PRESIDENT,
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KLS VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY,
UDYOG VIDYA NAGAR, HALIYAL - 581329
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Glimpses of "What after PUC and Career Opportunities in Engineering"



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[Signature]
Principal
KLS Vishwanathrao Deshpande Institute of Technology, Haliyal

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Department of CSE & CSE (AIML)



organising

Two Days Hands-on Workshop on

Revolutionizing Automotive Safety: AI in ADAS

Resource Persons



Mr. Achhe Gowda
SME in ADAS



Mr. Jitesh Sahu
Developer



14/12/2023
To
15/12/2023



Mr. Yadunandan N
STE



Mr. Bharat Iyly
DAE



09:30AM

Prof. Ravindra P
Coordinator

Dr. Venkatesh S.
HoD CSE (AIML)

Dr. Shrinivas S.
HoD CSE

Dr. V. A. Kulkarni
Principal



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Principal
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Institute of Technology, Haliyal



Date: 15.12.2023

Report on Two Days Hands-On Workshop on "Revolutionizing Automotive Safety: AI in Advanced Driver – Assistance Systems (ADAS)"

Academic Year	2023–24 (IIC6.0)
Quarter	Semester 1 – Quarter II
Program Driven by	IIC Calendar Activity
Program Type	Level 3 – Workshop
Program / Activity Name	Organize an Expert talk on Process of Innovation Development, Technology Readiness Level (TRL); Commercialization of Lab Technologies & Tech-Transfer
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	16 Hrs.
Event Host	CSE, CSE [AI&ML] and IIC
Resource Person / Guest Speaker	Mr. Achche Gowda, SME in ADAS Mr. Jitesh Sahu, Developer Mr. Yadunandan N., STE Mr. Bharat lyli, DAE
Start Date	14 th December 2023
End Date	15 th December 2023
Number of Students Participants	70
Number Faculty Participants	20
Number of External Participants	NIL
Remarks	Use of AI in increasing safety in Automotive sector specifically in ADAS.
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">To understand ADAS and AI IntegrationTo develop Innovations and Crafting Safety Measures
Benefit in terms of Learning / Skill / Knowledge Obtained	Exposure of advanced AI features and utilisation in ADAS to enhance safety in Transportation

Following is the brief report:

- Two-Day Workshop on "Revolutionizing Automotive Safety: AI in Advanced Driver-Assistance Systems (ADAS)" was organized by Department of CSE and CSE [AI&ML] in association with IIC KLS Vdit from 14th to 15th December 2023.
- The Workshop aimed for 5th and 3rd semester Students to explore the *Advancements, Challenges, and Future Prospects of Integrating Artificial Intelligence (AI) into Advanced Driver-Assistance Systems* within the Automotive Industry.
- The First Day focused on Understanding ADAS and AI Integration:* The workshop commenced with an overview of ADAS, highlighting its role in enhancing vehicle safety. Speakers discussed the evolution of ADAS technologies and the pivotal role of AI in improving these systems. Presentations covered Sensor Technologies, Data Processing, and the integration of machine learning algorithms into ADAS functionalities.


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Date: 15.12.2023

Continued...

- *Key Topics Explored: Sensor Fusion:* Understanding the integration of data from multiple sensors (radar, lidar, cameras) to enhance accuracy and reliability in ADAS. *Machine Learning Algorithms:* Discussions centered on the application of AI algorithms such as neural networks and deep learning in decision-making processes within ADAS. *Regulatory Challenges:* Addressing legal and ethical considerations regarding the implementation of AI in automotive safety.
- *Interactive Sessions:* Participants engaged in hands-on sessions, working with simulation tools to understand the practical aspects of implementing AI algorithms in ADAS. These sessions encouraged a deeper understanding of the complexities involved in real-time decision-making for vehicle safety.
- *The Second Day focused on Innovations and Future Directions:* The second day focused on emerging trends and future directions in AI-driven ADAS. Industry experts presented case studies, showcasing innovative applications of AI in enhancing automotive safety. Discussions revolved around predictive analytics, autonomous driving, and the role of AI in mitigating accidents.
- *Key Highlights: Autonomous Vehicles:* Exploring the intersection of AI and autonomous vehicles, emphasizing the potential of AI to revolutionize transportation. *Human-Machine Interaction:* Understanding how AI can enhance the interaction between vehicles and pedestrians, cyclists, and other road users for improved safety. *Roadmap for Implementation:* Strategizing steps to integrate AI-driven ADAS into mainstream automotive manufacturing, addressing challenges and adoption strategies.
- *Conclusion:* The workshop on "Revolutionizing Automotive Safety: AI in ADAS" proved to be a comprehensive platform for students to delve into the realm of AI-driven advancements in automotive safety. The discussions, presentations, and interactive sessions highlighted the immense potential of AI in transforming ADAS and shaping the future of safer transportation.
- This event was coordinated by Prof. Ravindra T. Patil and Dr. Venkatesh S. has worked as Convener.
- Dr. Mahendra M. Dixit, President IIC and Dr. V. A. Kulkarni, Principal were present for Two Days Workshop.

Dr. Mahendra M. Dixit,
President IIC,
INSTITUTION'S INNOVATION COUNCIL,
Prof. & Head (I&CE),
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KLS VDIIT, Haliyal,
IIC CODE: IC202218479

Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal



Date: 15.12.2023

Glimpses of "Revolutionizing Automotive Safety: AI in Advanced Driver – Assistance Systems (ADAS)"




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Mechanical Engineering Department

Presents

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Alumni Talk Series

"From Shifting Gears to Strategizing businesses: Navigating the Mechanical Mindset for a career Journey"

2018 Batch of Alumni /Resource Person



Mr Prateek M R
Manager : Growth
Limacon LLP, Bangalore



Date: December 19th, 2023

10.00 a.m. onwards

Venue

Block No. 15

Mechanical Engg. Dept.
KLS VEDIT Campus, Haliyal



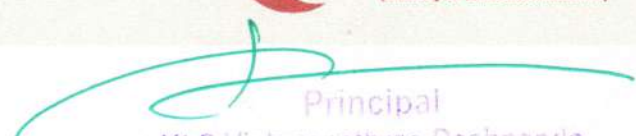
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Date: 19.12.2023

Report on Technical Talk on "From Shifting Gears to Strategizing Businesses: Navigating the Mechanical Mind-set for a Career Journey"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter II
Program Driven by	IIC Calendar Activity
Program Type	Level 2 – Workshop
Program / Activity Name	Workshop on Entrepreneurship Skill, Attitude and Behavior Development
Program Theme	Pre-Incubation & Incubation Management
Duration of the Activity (In Hrs.)	06 Hrs.
Event Host	ME and IIC
Resource Person / Guest Speaker	Mr. Prateek M. R., Manager, Growth Limacon LLP, Bangalore
Start Date	19 th December 2023
End Date	19 th December 2023
Number of Students Participants	50+
Number Faculty Participants	10+
Number of External Participants	NIL
Remarks	The workshop provided roadmap to career journey starting from fundamentals of Mechanical Engineering to an Entrepreneur.
Mode of Session Delivery	Online
Objectives	<ul style="list-style-type: none">• To provide Students with additional practical domain knowledge on basics of Mechanical Engineering• To brainstorm Students on improvising available real time systems to next level upgraded products through strategic planning
Benefit in terms of Learning / Skill / Knowledge Obtained	Learning the tactics and becoming a Small Scale / Medium Scale Entrepreneur in the field of Mechanical Engineering through concepts to products.

A brief report on Technical Talk on "From Shifting Gears to Strategizing Businesses: Navigating the Mechanical Mind-set for a Career Journey".

- The event has been organised by the Department of Mechanical Engineering in association with IIC. The Resource person *Mr. Prateek M. R., Manager, Growth Limacon LLP, Bangalore* is a proud alumnus of the Institute who described the details of becoming Entrepreneur starting from learning fundamentals to product development.


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Date: 19.12.2023

Continued...

- Mr. Prateek quoted example of conventional Mechanical Systems to *Modern Day Advanced Hybrid Machine Designs* through the control by computing devices.
- He also elaborated the significance of having mechanical mind set to become a successful businessman by joining hands with already established *SSIs* and *MSIs* of local radius.
- Mr. Prateek presented his opinion about the allied fields of *Mechanical Engineering* such as *Thermal Power Engineering, Robotics, Automotive Engineering, Heating, Ventilation and Air Conditioning, Bio-Mechanics Sector and Relatively New Fields such as Acoustics, CAD / CAED, 3-D Printing, Bio-technology & Composites and Energy Systems to mention a few.*
- Prof. Ravikumar T. Coordinated the event and Dr. Mahendra M. Dixit, President IIC and Dr. V. A. Kulkarni, Principal appreciated the initiative taken by the Coordinator & the Department which has opened up several avenues for Students of Mechanical Engineering.

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Date: 19.12.2023

Glimpses of Technical Talk on "From Shifting Gears to Strategizing Businesses: Navigating the Mechanical Mind-set for a Career Journey"



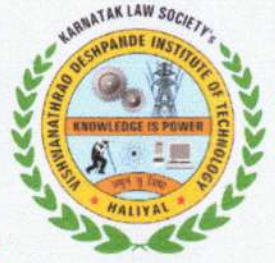

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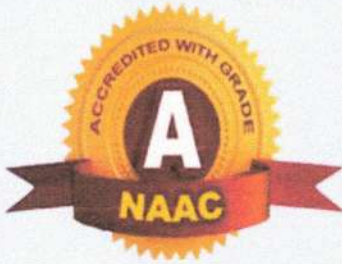
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Presents

Hands on AI TOOL APPLICATION

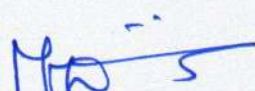



Venue : DSP Lab



**Prof. Pooja C Shindhe
Dept. of Electronics &
Communication Engg.**




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INSTITUTION'S INNOVATION COUNCIL,
President IIC,
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NO CODE: 1010217049
Prof. & Head (E&CE)


Dr. V. A. Kulkarni,
Principal
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Date: 29.12.2023

Report on "Hands on Application of AI Tool"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter II
Program Driven by	IIC Calendar Activity
Program Type	Level 2 – Workshop
Program / Activity Name	Conduct a Session on Achieving Problem-Solution Fit and Product-Market Fit
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	05 Hrs.
Event Host	E&CE and IIC
Resource Person / Guest Speaker	Prof. Pooja C. Shindhe, Dept. of E&CE
Start Date	29 th December 2023
End Date	29 th December 2023
Number of Students Participants	22
Number Faculty Participants	15
Number of External Participants	NIL
Remarks	Exploring application and utility of artificial intelligence in solving various real life challenges.
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none"> • To learn the identification of challenges in all existing systems • To develop the utility of AI in solving problems associated with existing systems • To publicize & extend tailor made solutions to the society through Students fraternity
Benefit in terms of Learning / Skill / Knowledge Obtained	Learn, understand and implement the applications of available AI Tools to solve specific real life problems.

A brief report on "Hands on Application of AI Tool"

- An important hands-on event entitled *Application of AI Tools* has been conducted by Department of E&CE in association with IIC where Prof. Pooja Shindhe was the resource person held on **29th December 2023** for which interested Students of Department participated.
- Prof. Pooja was eager to present her views on AI and elaborated the following aspects of AI.
- *Applications of Artificial Intelligence (AI)*
 - Natural Language Processing, Computer Vision, Machine learning, Robotics
- *AI in Business Intelligence*
 - Data collection, Data analysis, Data visualization, Decision-making
- *AI in Healthcare*
 - Disease diagnosis, Treatment development, Personalized care
- *AI in Education*
 - Personalized learning, Improved student engagement, Automated administrative tasks
- *AI in Finance*
 - Risk and fraud detection, Personalized recommendations, Document processing
- *AI in Manufacturing*
 - Improved efficiency, Increased productivity, Improved quality



Date: 29.12.2023

Continued...

- In addition to highlighting & describing the applications of AI, Prof. Shindhe also explained the following details to Students and Staff during her presentation.
- Problem-solving in the context of AI refers to the capability of artificial intelligence systems to analyze data, identify patterns, and generate solutions to intricate problems in various domains. It involves the utilization of algorithms, machine learning models, and cognitive computing to devise effective strategies for addressing and resolving complex issues.
- *Significance of problem-solving in AI:* The concept of problem-solving holds immense significance in the realm of AI due to several critical factors:
 - *Enhanced Efficiency:* AI-driven problem-solving enables organizations to streamline processes, optimize resource allocation, and enhance operational efficiency.
 - *Complex Pattern Recognition:* AI systems excel in identifying intricate patterns and correlations within large datasets, leading to advanced problem-solving capabilities.
 - *Innovation Acceleration:* Leveraging AI for problem-solving fosters innovation by enabling the rapid development of solutions to novel challenges.
- The integration of problem-solving techniques into AI applications has empowered businesses to address complex issues and drive continuous improvement across diverse sectors.
- *How problem-solving works in AI:* AI problem-solving involves a series of distinct steps and methodologies that enable machines to understand, analyze, and resolve complex problems. These steps typically include:
 - *Problem Identification:* AI systems utilize data analysis and pattern recognition to identify challenges within a given context or domain.
 - *Data Processing and Analysis:* The system processes and analyzes relevant data, drawing insights and correlations to inform the problem-solving process.
 - *Algorithmic Decision-Making:* AI algorithms are employed to evaluate potential solutions and make informed decisions based on the analyzed data.
 - *Solution Generation:* Based on the evaluation of available data and patterns, the AI system generates potential solutions to the identified problems.
 - *Iterative Refinement:* The system refines and iterates on the generated solutions based on feedback and continuous learning, optimizing the problem-solving process.
- These steps collectively enable AI systems to tackle complex challenges and provide actionable solutions across diverse domains.
- Dr. Mahendra M. Dixit, President IIC and Dr. V. A. Kulkarni, Principal appreciated efforts taken by Faculty Member in showing interest and motivating Students.

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Date: 29.12.2023

Glimpses of Hands on Application of AI Tool




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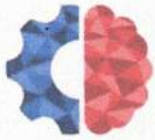


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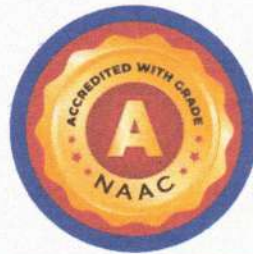
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Department of Computer Science & Engineering
Organised

Field / Exposure Visit to
Pre – Incubation Units, Ideas Lab, Fab
Lab, Makers Space, Design Centers



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Industry Visit to
Infosys Limited, Mysore



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President IIC,

MHD
PRESIDENT

Dr. V. A. Kulkarni,
Principal

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Date: 09.12.2023

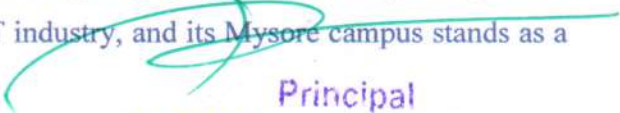
Report on An Industry Visit to Infosys Limited, Mysore

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter I
Program Driven by	IIC Calendar Activity
Program Type	Level 2 – Exposure Visits
Program / Activity Name	Field / Exposure Visit to Pre-incubation units such as Ideas Lab, Fab lab, Makers Space, Design Centers, City MSME Clusters, Workshops etc.
Program Theme	Pre-Incubation & Incubation Management
Duration of the Activity (In Hrs.)	08 Hrs.
Event Host	CSE and IIC
Start Date	9 th December 2023
End Date	9 th December 2023
Number of Students Participants	36
Number Faculty Participants	02
Number of External Participants	NIL
Remarks	Students to provide an insight into the Real Working Environment, Workstations and interact with highly trained and experienced personnel
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">• To Visit Best Training Centre of the Country amongst software industry• To imbibe perceptive learning through the visit to an exceptionally well maintained organization
Benefit in terms of Learning / Skill / Knowledge Obtained	Understanding Working Standards, Discipline, Development of Professional Culture through Meeting Authorities, visiting Green Initiatives & World Class Infrastructure

Following is the report on **An Industry Visit to Infosys Limited, Mysore**

- Department of Computer Science & Engineering, organized an Industry Visit to **Infosys Limited, Mysore** on **09th December 2023**. The visit is mainly aimed for 7th semester Students to provide an insight into the Real Working Environment, Workstations and interact with highly trained and experienced personnel. 36 Students participated in the event and took benefit of the visit.
- **Infosys Mysore Campus**: Located in the heart of Mysore, the Infosys Mysore campus is India's largest training center for IT employees. With a capacity to train at least 10,000 Students, it's often referred to as a second college for IT aspirants after Graduation. The sprawling campus blends modernity with sustainability, making it an inspiring place for learning and growth. Founded in 1981, Infosys is a pioneer in India's IT industry, and its Mysore campus stands as a testament to the company's values and ambition.


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Date: 09.12.2023

Continued...

- The Infosys Mysore Campus is a remarkable hub for IT training and development. Here are some highlights:
 - *Sprawling Infrastructure*: The campus covers a vast area, providing a conducive environment for learning and collaboration.
 - *State-of-the-Art Facilities*: Equipped with modern classrooms, labs, and recreational spaces, it ensures a holistic learning experience.
 - *Green Initiatives*: Infosys emphasizes sustainability. The campus features eco-friendly architecture, rainwater harvesting, and lush greenery.
 - *World-Class Training Programs*: Trainees undergo rigorous technical and soft skills training, preparing them for real-world challenges.
 - *Cultural Diversity*: Interacting with peers from diverse backgrounds enriches the learning journey.
 - *Inspiring Ambience*: Art installations, sculptures, and serene landscapes create an inspiring atmosphere.
 - *Food Courts and Amenities*: Multiple food courts cater to various cuisines, ensuring a delightful culinary experience.
 - *Library and Sports Facilities*: Trainees can access a well-stocked library and engage in sports and fitness activities.
- In summary, Infosys Mysore campus blends Education, Innovation, and Sustainability, making it an unforgettable place for aspiring IT professionals.
- Students shared their gratitude to the Institute and the Principal for providing the opportunity to visit Infosys Limited, Mysore.

Dr. Mahendra M. Dixit,

President IIC,

Prof. & Head (E&CE),

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Date: 09.12.2023

Glimpses of An Industry Visit to Infosys Limited, Mysore




Ilavala Hobli, Karnataka, India
9H5V+FPQ, Hebbal Industrial Estate, Hebbal Industrial Area, Ilavala Hobli,
Mysuru, Karnataka 570027, India
Lat 12.358778°
Long 76.594107°
09/12/23 10:58 AM GMT +05:30



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

IN ASSOCIATION WITH INSTITUTION'S INNOVATION COUNCIL

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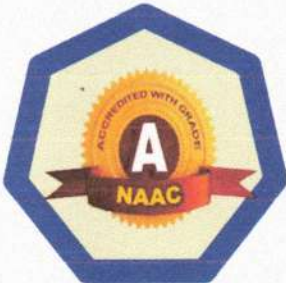
**TECHNICAL COMPETITION ON
ENCRYPTION AND DECRYPTION METHODS**



Encryption



Decryption



**30th December 2023,
02:00 PM**



Venue: Block 8 & 9



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**Prof. RAGHAVENDRA N.
Dept. of Electronics &
Communication Engg.**



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Prof. & Head (E&CE)**

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Date: 30.12.2023

Report on Technical Competition on Encryption and Decryption Methods

Academic Year	2023–24 (IIC6.0)
Quarter	Semester 1 – Quarter II
Program Driven by	IIC Calendar Activity
Program Type	Level 3 – Competitions
Program / Activity Name	Organize an Inter / Intra Institutional Innovation Competition / Challenge / Hackathon and Reward Best Innovations.
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	09 Hrs.
Event Host	E&CE and IIC
Event Coordinator	Prof. Raghavendra N., Dept. of E&CE, KLS VDIT, Haliyal
Start Date	30 th December 2023
End Date	30 th December 2023
Number of Students Participants	60
Number Faculty Participants	05
Number of External Participants	NIL
Remarks	Higher level learning attainment of Students in the field of Network Security and Communication Protocols.
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none"> • To expose Students in participating Software coding competitions for enhancing critical thinking, analytical skills for overall development.
Benefit in terms of Learning / Skill / Knowledge Obtained	Students able to understand Encryption and Decryption standards as per CCITT & NIST in addition to fundamentals of Network Security

Following is the report on **Technical Competition on Encryption and Decryption Methods**.

- Prof. Raghavendra N. coordinated technical competition for *Final Year* and *Pre-Final Year* Students of E&CE Department.
- During the competition, the coordinator described various aspects of Encryption & Decryption techniques. It was necessary that Students are to be made aware of the field starting from fundamentals to advanced level. Therefore Prof. Raghavendra elaborated few details:
 - *Encryption* is the process of transforming an ordinary message (plaintext) into a meaningless message (cipher text). *Decryption* is the process of transforming a meaningless message (cipher text) into its original form (plaintext).
 - Timestamps use a cryptographic model called a blind signature scheme. A blind signature scheme allows a sender to receive a message from another party without revealing information about the message to the other party. A digital signature is a cryptographic means many of these can be verified. A digital signature for a document is information based on both the document and the signer's private key.
 - Email encryption is a method of protecting email content from outside an email conversation that wants to obtain participant information.


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Date: 30.12.2023

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- WhatsApp uses the "signals" protocol for encryption. It uses a combination of asymmetric and symmetric key encryption algorithms.
- Electronic money includes transactions made electronically involving the net transfer of funds from one party to another. It can be either a debit or a credit, anonymous or identified.
- **Real-life Examples of Encryption and Decryption**
 - **Information transfer:** Encryption techniques are used to protect the data that is transmitted between a website's server and a user's web browser. This ensures that any sensitive information, such as login credentials, credit card information or personal details cannot be seen by anyone else but the intended recipient.
 - **File and disk encryption:** It can also be used to protect files on your computer or hard drive from unauthorized access. Software like BitLocker (for Windows) or FileVault (for Mac) encrypts files using a key which must then be decrypted with the correct password in order for it to become readable again.
 - **Messaging apps:** Many messaging apps use end-to-end encryption so messages sent between users remain secure until they reach their destination device where they can only then be read by its intended recipient with the right key / password combination provided in advance by both parties involved in sending / receiving said message(s).
 - **VPN Services:** VPN services provide an added layer of security when browsing online as all traffic passing through them is encrypted before being passed onto websites visited ensuring no one has visibility into what you're doing online – making it much harder for hackers who might want access into your devices without permission.
 - With all the above information, a technical Quiz competition conducted to **60 Students** in two rounds. First round with Testing of preliminary knowledge about encryption decryption process having **15 MCQs** & in the second round, to develop a code by using cipher text and creating a confidential informative letter by using security keys appropriately.
 - The event was a baby step towards training Students towards network security and bridging gap between present trends of Industry & available curriculum.
 - Winners of the Technical Competition are rewarded with motivational books and Winners are as mentioned below.

Name	USN	Winner Position
Mr. Ashish Galatagi	2VD20EC009	First
Ms. Keerti Shet	2VD20EC024	Second
Mr. Karthik Joshi	2VD21EC403	Third

- Dr. Mahendra M. Dixit, President IIC, Prof. & Head, Dept. of E&CE has appreciated the initiative taken by the Department towards the booming field of Computer Science & Engineering.


Principal
KLS Vishwanathrao Deshpande
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Glimpses of Technical Competition on Encryption and Decryption Methods

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8QF4+432, Haliyal, Karnataka 581329, India
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Long 74.75484°
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Dept. of E&CE In Association with Institution's Innovation Council



Mentoring Event: Demo Day / Exhibition / Poster Presentation of Innovations / Prototypes

Poster Making Competition **SOCIETAL CHALLENGES & POSSIBLE REMEDIES**

THEMES AND TOPICS

Environmental Challenges Medical Awareness Modern Agriculture Methods



Stress Management



Global Warming



Technology Advancement



Ms. Muskan Pathan & Ms. Tahira Shaikh
:Student Coordinators:

12th December 2023, 9:30AM Onwards @ Edusat Hall

Prof. Plasin F. Dias
Event Coordinator

Dr. Mahendra M. Dixit
President IIC,
Prof. & Head (E&CE)

Dr. V. A. Kulkarni
Principal

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INSTITUTION'S INNOVATION COUNCIL,

KLS V D I T, HALIYAL -581329

IIC CODE: IC202218479



Date: 12.12.2023

Report on One Day Poster Making Competition – Societal Challenges and Possible Remedies

Academic Year	2023–24 (IIC6.0)
Quarter	Semester 1 – Quarter II
Program Driven by	IIC Calendar Activity
Program Type	Level 3 – Exhibitions / Demo Day / Competitions
Program / Activity Name	Mentoring Event: Demo Day / Exhibition/Poster Presentation of Innovations / Prototypes & linkage with Innovation Ambassadors / Experts for Mentorship Support.
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	09 Hrs.
Event Host	E&CE and IIC
Start Date	12 th December 2023
End Date	12 th December 2023
Number of Students Participants	128
Number Faculty Participants	09
Number of External Participants	NIL
Remarks	Students understanding Societal Challenges and presented feasible solutions through posters during exhibition
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none"> To create awareness about theme based social aspects To engage Students in critical thinking and analysis process to bring implementable solutions
Benefit in terms of Learning / Skill / Knowledge Obtained	Understanding existing real life challenges at different levels, formulation of solution in step wise encouraging towards ideation for realization.

Following is the report on **One Day Poster Making Competition – Societal Challenges and Possible Remedies**.

- Students of KLS VDIT Haliyal participated in *Poster Making Competition-Societal Challenges and Possible Remedies* held on **12th December 2023** organized by Department of Electronics and Communication in association with IIC.
- The poster making competition proved to be a successful and engaging event bringing together a group of talented individuals passionate about visual representation.
- The topics for the event were *Environmental Issues, Medical Awareness, Modern Agriculture methods, Stress Management, Global Warming & Technology Advancement*. Participants were given the freedom to choose from given topics and to select interested among them.
- 128 Students** with **28 groups** participated across all Departments and exhibited their talents in poster making. The use of innovative methods added depth and uniqueness to the entries. Many posters conveyed powerful messages and narratives addressing societal issues, promoting awareness and positive change.
- After careful deliberation, the judges Prof. Sudhir Kulkarni and Prof. Nikhil Kulkarni selected winners who demonstrated exceptional creativity and artistic prowess. The judges evaluated entries based on creativity, originality, relevance to the chosen topic and overall visual impact.

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 IIC CODE: IC202218470**

Principal

**KLS Vishwanathrao Deshpande
 Institute of Technology, Haliyal**

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Date: 12.12.2023

Continued...

- HOD and IIC President Dr. Mahendra M. Dixit visited the event venue and appreciated Students.
- Dr. V. A. Kulkarni, Principal expressed his happiness towards the participation of Students in large number and instructed Students solve Societal Issues through Engineering Techniques.
- Best Four participants were rewarded and as tabulated below.

Group No.	Winners Name	USN	Place
18	Ms. Nisarga H	2VD22EC067	First
	Ms. Poorvi Vaddin	2VD22EC069	
	Ms. Nikita Sarkar	2VD22EC065	
	Ms. Nirmala Londe	2VD22EC066	
27	Mr. Iranni Agni	2VD22EC042	Second
	Mr. Gangadhar H	2VD22EC038	
	Mr. Mahantesh H	2VD22EC053	
	Mr. Hilal Gurani	2VD22EC041	
23	Ms. K. P. Chinmayi	2VD22EC044	Third
	Ms. Mahima H	2VD22EC054	
	Ms. Neha Khan	2VD22EC063	
	Ms. Naveena K	2VD22EC062	
15	Ms. Netravati B.	2VD21CS030	Third
	Ms. Raksha P	2VD21CS039	
	Ms. Tanusha P	2VD21CS053	
	Ms. Sanjana U.	2VD21CS044	


Dr. Mahendra M. Dixit,
President, IIC,
INSTITUTION'S INNOVATION COUNCIL,
Prof. & Head (E&CE),
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Date: 12.12.2023

Glimpses of One Day Poster Making Competition-Societal Challenges and Possible Remedies



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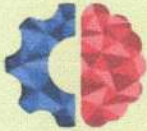
Department of Civil Engineering and E&C Engineering jointly organizes

Event 1: "Save Planet: Tree Plantation"
Event 2: Awareness Program on Pollution Control

on the Occasion of

National Pollution Control Day

2nd December 2023

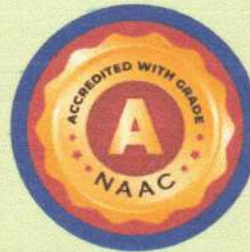


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President IIC,
Prof. & Head (E&C)
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Dr. V. A. Kulkarni
Principal
Principal
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Date: 02.12.2023

Report on Celebration of National Pollution Control Day

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter I
Program Driven by	IIC Celebration Activity
Program Type	Level 2 – Seminar
Program / Activity Name	National Pollution Control Day - 2 nd December 2023
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	08 Hrs.
Event Host	CVE, E&CE and IIC
Resource Person / Guest Speaker	Dr. Mahendra M. Dixit, President IIC, Prof. & Head, Dept. of E&CE
Start Date	2 nd December 2023
End Date	2 nd December 2023
Number of Students Participants	60+
Number Faculty Participants	10+
Number of External Participants	NIL
Remarks	National Pollution Control Day has been celebrated by planting Trees which generate maximum oxygen at the campus & an awareness talk on possibilities of pollution control in & around the vicinity
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">To nurture the culture of planting trees in & around campusTo propagate awareness of controlling pollution by using cutting edge technological innovations
Benefit in terms of Learning / Skill / Knowledge Obtained	Students learnt several mechanism of controlling pollution through awareness lecture & understood the significance of tree plantation

A brief report on *Save Planet: Tree Plantation* and *Awareness Program on Pollution Control* are as summarised below.

- Department of Civil Engineer and E&CE in association with ECO Club of KLS Vdit organised two events entitled *Save Planet: Tree Plantation* and *Awareness Program on Pollution Control* in view of National Pollution Control Day on 2nd December 2023 at Institute premises.
- Brief summary of Event-1:** in view of National Pollution Control Day, the Institute took an initiative to plant such trees which liberate more oxygen even during night time by consuming carbon dioxide present in the atmosphere. Student participants were encouraged to collect the plants of such category and planting them in *Sanjeevini Sasyakaashi Medicinal Nursery*.
- More than 20 plants of different varieties have been planted and the usages of plants have been explained to the Students fraternity by highlighting Medicinal values.
- It is also elaborated that frequent tree plantation will definitely boost oxygen levels of the surroundings through nurturing them on regular basis.


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Date: 02.12.2023

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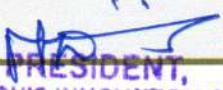
- **Brief summary of Event-2:** Dr. Mahendra M. Dixit, President IIC narrated minute details of Why? National Pollution Control Day is celebrated & following important matter has been methodically revealed to propagate awareness in all class of citizens.
- National Pollution Control Day is observed annually on December 2nd to honor the memory of those who lost their lives in the Bhopal Gas Tragedy of 1984. This day also aims to raise awareness about the critical need for pollution control and environmental protection.
- **Historical Background:** The Bhopal Gas Tragedy, one of the world's worst industrial disasters, occurred on the night of December 2-3, 1984, when a toxic gas, Methyl Isocyanate (MIC), leaked from the Union Carbide India Limited (UCIL) plant in Bhopal, Madhya Pradesh. The disaster resulted in thousands of deaths and left many more suffering from severe health issues.
- **Significance of National Pollution Control Day:** it serves as a reminder of the catastrophic consequences of industrial pollution and the urgent need for stringent pollution control measures. It emphasizes the importance of sustainable practices to prevent such tragedies in the future.
- **Themes and Activities**
- Each year, the day is marked by various activities and campaigns aimed at spreading awareness about pollution and its impact on health and the environment. Key themes include:
 - **Air Quality Improvement:** Initiatives to reduce air pollution through stricter regulations and promoting cleaner technologies.
 - **Water Pollution Control:** Efforts to prevent water contamination and promote safe water practices.
 - **Waste Management:** Encouraging recycling and proper disposal of waste to reduce environmental impact.
 - **Public Awareness Campaigns:** Educational programs, workshops, and seminars to inform the public about pollution control measures.
- **Government and Community Involvement:** The government, along with various NGOs and community groups, organizes events and activities to engage the public in pollution control efforts. These include:
 - **Clean-Up Drives:** Community-led efforts to clean local areas and promote environmental stewardship.
 - **Educational Programs:** Schools and colleges conduct special sessions to educate students about pollution and its effects.
 - **Media Campaigns:** Use of social media, television, and print media to spread awareness and encourage public participation.
- **Conclusion:** National Pollution Control Day is a crucial reminder of the need for collective action to combat pollution. By remembering the victims of the Bhopal Gas Tragedy and promoting sustainable practices, we can work towards a cleaner, healthier environment for future generations.
- Dr. V. A. Kulkarni, Principal appreciated the diversified initiative towards an important concern and a matter of worry in present context of environmental issues. He expressed that more & more such societal & environmental awareness programs shall be taken up by the society and spreading of positivity with respect to wellbeing of all must be the highest priority.




Date: 02.12.2023

Glimpses of Celebration of National Pollution Control Day




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Date: 02.12.2023

Glimpses of Celebration of National Pollution Control Day





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"Awareness Program on Pollution Control"


2nd December 2023
Visvesvaraya Seminar Hall




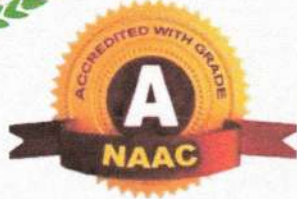
Presented by

Dr. Mahendra M. Dixit,

Professor & Head, Department of E&CE,
President IIC, KLS Vdit, Haliyal







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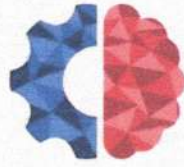
NATIONAL ENERGY CONSERVATION DAY (INDIA)
(14th December)

Alumni Talk on

Hybrid Electric Vehicles



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MoE's
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Mr. Jahangeer Ballari

Bosch Software Technologies, Coimbatore
(2019-2022 Batch)

Date: 22/12/2023

Venue: Block No. 5

Prof. Rajeshwari
Event Coordinator


Prof. A. V. Kolaki
HoD

Dr. V. A. Kulkarni
Principal

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Institute of Technology, Haliyal



Date: 22.12.2023

Report on One Day Seminar on "Hybrid Electric Vehicles"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter II
Program Driven by	IIC Celebration Activity
Program Type	Level 2 – Seminar
Program / Activity Name	National Energy Conservation Day (India) – 14 th Dec. 2023
Program Theme	Entrepreneurship & Startup
Duration of the Activity (In Hrs.)	05 Hrs.
Event Host	E&EE and IIC
Resource Person / Guest Speaker	Mr. Jahangeer Ballari, Hardware Design Engineer, Bosch Technologies, Coimbatore (2018-22 Batch)
Start Date	22 nd December 2023
End Date	22 nd December 2023
Number of Students Participants	66
Number Faculty Participants	05
Number of External Participants	NIL
Remarks	Students received fundamental knowledge about HEV & possible practical challenges.
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">To propagate & understand the design of HEVTo craft mechanism for solving real time challenges associated with HEV
Benefit in terms of Learning / Skill / Knowledge Obtained	Students exchanged ideas, implementation methods and advanced techniques to develop HEV

Following is the brief Report on One Day Seminar on "Hybrid Electric Vehicles" organised by Dept. of E&EE and IIC on 22nd December 2023.

- Mr. Ballari introduced the details of *Hybrid Electric Vehicles* (HEVs)
- **What is a Hybrid Car?**
 - A hybrid car combines a conventional combustion engine (usually petrol-powered) with an electric motor.
 - The combustion engine charges the car's batteries, while the electric motor assists during acceleration or when extra power is needed.
 - Hybrids use regenerative braking to collect wasted energy during braking, which helps charge the batteries and improve efficiency.
 - Some hybrids, like the popular *Toyota Prius*, can run on electric-only power for short distances, reducing fuel consumption and emissions.
- **Plug-In Hybrid (PHEV)**
 - A *plug-in hybrid electric vehicle (PHEV)* is a hybrid you can plug in to charge.
 - PHEVs have an electric-only range (typically around 30 miles) that allows you to run on electricity for shorter commutes.
 - If you charge your PHEV at home or work, you'll significantly reduce fuel bills.
 - For longer journeys, the petrol engine kicks in and can be refueled as usual



Date: 22.12.2023

Continued...

- HEVs contribute to a greener future by combining the best of both worlds: internal combustion engines and electric power
- Mr. Jahangeer also insisted upon the development of *Hybrid Electric Vehicles (HEVs)* along with the Positive and Negative Environmental Impacts
 - **Positive Impacts:**
 - **Reduced Fuel Consumption:** HEVs use less fuel than traditional vehicles because they combine electric power with internal combustion engines. This reduces greenhouse gas emissions.
 - **Lower Tailpipe Emissions:** When running on electric power, HEVs produce zero tailpipe emissions. Even when using the combustion engine, emissions are lower due to improved efficiency.
 - **Promotion of Electric Technology:** HEVs pave the way for more advanced electric vehicles (like fully electric cars) by increasing public awareness and acceptance.
 - **Negative Impacts:**
 - **Battery Production:** Manufacturing hybrid batteries involves mining and processing raw materials, which has environmental consequences.
 - **Battery Disposal:** Proper disposal of hybrid batteries is crucial to prevent pollution.
 - **Complexity and Maintenance:** HEVs are more complex than conventional cars, which can lead to higher maintenance costs and environmental impact.
- In summary, while HEVs offer benefits like reduced emissions, their impact depends on factors like battery production and disposal. As technology improves, we'll see even greener alternatives emerge.
- Dr. Mahendra M. Dixit, President IIC and Dr. V. A. Kulkarni, Principal appreciated efforts taken by Dept. of E&EE and inviting alumnus working in the domain of HEV.

Dr. Mahendra M. Dixit,
PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
Prof. & Head (E&CE),
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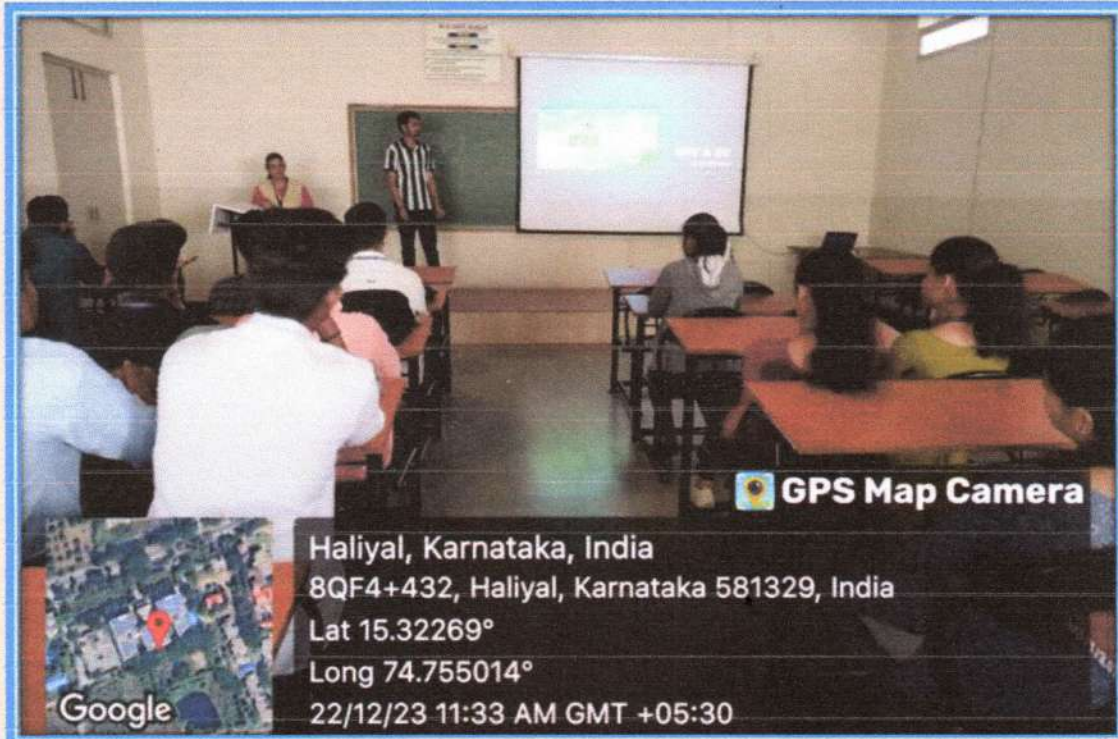
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Date: 22.12.2023

Glimpses of One Day Seminar on "Hybrid Electric Vehicles"



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2004

Transforming Through Technology

with

Taluka Legal Service Committee and Bar Association
celebrating

National YOUTH Day



Date: 12th January 2024

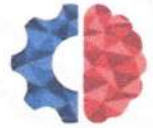
Venue: Visvesvaraya Seminar Hall, KLS VDIT Campus

Time: 10 am onwards



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Chief Guest
Shri Deshbhushan Koujalagi
Civil Judge and JMFC
Member Secretary, TLSC Haliyal



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Guest of Honor
Shri Prakash Lamani
Assistant Public Prosecutor, Haliyal

Guest of Honor
Shri Sundar Kankatri
President, Bar Association, Haliyal

President
Dr. V. A. Kulkarni
Principal, KLS VDIT Haliyal

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INSTITUTION'S INNOVATION COUNCIL

Guest Speakers: Smt. Radharani Kolambi (Advocate)
Shri Megharaj Metri (Advocate)

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Date: 12.01.2024

Report on Celebration of "National Youth Day"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter II
Program Driven by	IIC Celebration Activity
Program Type	Level 2 – Seminar / Workshop
Program / Activity Name	National Youth Day – 12 th Jan. 2024
Program Theme	IPR & Technology Transfer
Duration of the Activity (In Hrs.)	08 Hrs.
Event Host	NSS and IIC
Resource Person / Guest Speaker	Chief Guest: Shri. Deshbhushan Koujalagi, Civil Judge and JMFC, Member Secretary, TLSC Haliyal Guest of Honor (1): Shri. Prakash Lamani, Assistant Public Prosecutor, Haliyal Guest of Honor (2): Shri. Sundar Kankatri, President, Bar Association, Haliyal President: Dr. V. A. Kulkarni, Principal, KLS VDIT, Haliyal Guest Speakers: Smt. Radharani Kolambi (Advocate) Shri. Megharaj Metri (Advocate)
Start Date	12 th January 2024
End Date	12 th January 2024
Number of Students Participants	150+
Number Faculty Participants	50+
Number of External Participants	20
Remarks	National Youth Day has been celebrated to appreciate the services of Professionals working in the field of Law and Legal Services.
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">To establish healthy connection between two professions namely, Engineering & LawTo exchange the needs & requirements of two necessary & important professions directly contributing to the society
Benefit in terms of Learning / Skill / Knowledge Obtained	Understanding challenges associated with two Nobel professions & manure for bringing out of the shelf solutions helping nearby vicinity.

A brief report on Celebration of "National Youth Day" is as summarised below.

- *National Youth Day* has been celebrated on **12th January 2024** to celebrate **161st Birth Anniversary of Swami Vivekanand** which was organised by *NSS unit and IIC in association with Taluka Legal Service Committee & Bar Association, Haliyal.*
- The Resource Persons and Guest Speakers were from Taluka Legal Service Committee & Bar Association, Haliyal. The event started by offering floral tribute to Swami Vivekanand Portrait from the dignitaries.
- The basic agenda of celebrating this Year's National Youth Day at KLS VDIT is to recognize the yeomen services of Law Professionals to the society & educate the young generation about-

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Date: 12.01.2024

Continued...

-legal services amended in the Country.

- **Chief Guest: Shri. Deshbhushan Koujalagi, Civil Judge and JMFC, Member Secretary, TLSC, Haliyal** thrown a light on the purpose of a Civil Court that deals with disagreements between individual people or private companies, rather than with criminal activities. He also said that civil court deals with cases related to finance, property, housing etc...
- Mr. Koujalagi narrated hierarchy of Civil Courts in India starting from lower, higher and Supreme Court. He presented an example on powers & functions of civil courts as described below.
 - Civil cases include a disagreement between two or more persons or entities, usually over money.
 - When a legal person argues that he has been harmed by the actions of another person or company, he files a "complaint" with the court demanding redress.
 - It has superintendence over the courts under its authority and has judicial and administrative authorities. He has appellate and original jurisdiction.
 - Cases involving amounts in excess of a certain threshold can be brought directly before his court. He also has the authority to consider appeals from lesser courts.
- **Guest of Honor (1): Shri. Prakash Lamani, Assistant Public Prosecutor, Haliyal** described the general duties of public prosecutors such as interrogating suspects, arresting without warrants / requesting warrants, searching and verification / physical examination / execution to name a few. He highlighted few test cases and enlightened participants with the contributions of legal services & authorities to the Society.
- **Guest of Honor (2): Shri. Sundar Kankatri, President, Bar Association, Haliyal** expressed his views on the roles & responsibilities of the Bar Association. He described formation of Bar Association which includes group of attorneys, from Local / National / International platforms organised primarily to deal with issues affecting the legal profession. In general, Bar Associations are concerned with furthering the best interest of lawyers.
- **Guest Speakers: Smt. Radharani Kolambi (Advocate), Shri. Megharaj Metri (Advocate)** shared their opinions of developing guidelines and rules related ethics, professional responsibilities and enforced sanctions of violation of rules governing lawyer conduct. Smt. Radharani Kolambi & Shri. Megharaj Metri explained the functions of Bar Council of India as Lay Standards of professional conduct for advocates and Lay Procedure to be followed by its disciplinary committee and the disciplinary committee of each SBC; safeguard rights, privileges and interests of advocates, promote and support law reform.
- **Dr. V. A. Kulkarni, Principal, KLS VEDIT, Haliyal** presided over the function & congratulated all the members of TLSC & Bar Association for their selfless contributions to maintain decorum of the society by educating and creating awareness about legal services available for common people. All the dignitaries were felicitated during this August gathering.
- Dr. Mahendra M. Dixit, President, IIC was present on this occasion along with Prof. Santosh Savanur, NSS Coordinator.


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Institute of Technology, Haliyal



Date: 12.01.2024

Glimpses of Celebration of "National Youth Day"



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Date: 12.01.2024

Glimpses of Celebration of "National Youth Day"




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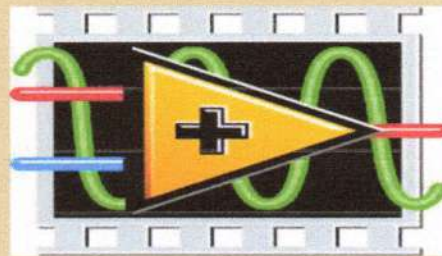
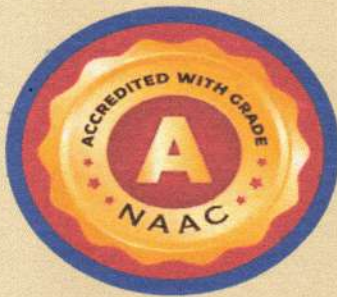
Department of Electronics & Communication Engg.

In Association with Institution's Innovation Council

Presents

WORKSHOP ON APPLICATIONS OF LABVIEW

In View of National Start-Up Day (16th January)



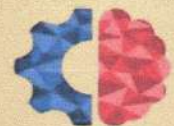
Prof. Nikhil Kulkarni
Dept. of E&CE.



Prof. Sheetal N. Mindolkar
Dept. of E&CE.



Venue: Block 09 & 10



Ministry of Education's
INNOVATION CELL
(GOVERNMENT OF INDIA)

Dr. Mahendra M. Dixit,
President IIC,
PRESIDENT, Prof. & Head (E&CE)

Dr. V. A. Kulkarni,
Principal
Principal

KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

INSTITUTION'S INNOVATION COUNCIL,
KLS V DIT, HALIYAL -581329
IIC CODE: IC202218479

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Date: 19.01.2024

Report on One Day Workshop entitled "Applications of LabVIEW"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester I – Quarter II
Program Driven by	IIC Celebration Activity
Program Type	Level 3 – Workshop
Program / Activity Name	National Start-up Day – 16 th Jan. 2024
Program Theme	Entrepreneurship & Start-up
Duration of the Activity (In Hrs.)	09 Hrs.
Event Host	E&CE and IIC
Resource Person / Guest Speaker	Prof. Nikhil Kulkarni Prof. Sheetal Mindolkar
Start Date	19 th January 2024
End Date	19 th January 2024
Number of Students Participants	20
Number Faculty Participants	02
Number of External Participants	NIL
Remarks	To train Students for the development of applications of E&CE on LabVIEW platform
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">To expose Students for utilizing LabVIEW platformTo enhance practical knowledge of Students through implementation of Electronic Systems
Benefit in terms of Learning / Skill / Knowledge Obtained	Students able to match up theoretical concepts & their functionality test through LabVIEW software environment.

Following is the brief report on **One Day Workshop entitled "Applications of LabVIEW"**.

- Prof. Nikhil Kulkarni & Prof. Sheetal M. of Dept. of E&CE organised One Day Workshop entitled "Applications of LabVIEW" for Students of 5th Semester in view of National Start-Up Day (16th Jan.)
- The event has been arranged to Students to expose them towards functional verification stage of product development. It is the stage in which a concept is prototyped, verified and analyzed for its operation.
- Resource persons of the event described several important steps involved in such analysis and provided adequate knowledge to Students from concepts to proof on software platform.
- LabVIEW (Laboratory Virtual Instrument Engineering Workbench) is a system-design platform and development environment for a visual programming language from National Instruments. It is widely used for Data Acquisition, Instrument Control, and Industrial Automation.
- Following concepts are discussed in detail during the workshop in addition to salient features of LabVIEW:
 - Basics of Arithmetic & Boolean operations
 - Hands on Programming concepts – Loops, Arrays and Clusters
 - Hands on Digital signal & Image Processing using LabVIEW
 - Wave Shaping Networks & parameter analysis

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Continued...

- **Key Features of LabVIEW:**

- Graphical Programming: LabVIEW uses a graphical programming language called G, which allows users to create programs by connecting functional nodes with wires in a block diagram
- Data Acquisition: It supports a wide range of hardware for data acquisition, including DAQ devices, GPIB and serial instruments
- Instrument Control: LabVIEW can control instruments through various interfaces such as GPIB, USB, and Ethernet.
- Analysis and Signal Processing: It includes a comprehensive set of tools for data analysis, signal processing, and visualization.
- Integration with Other Software: LabVIEW can integrate with other software and programming languages, including MATLAB, Python, and C.

- **LabVIEW Report Generation Toolkit**

- The LabVIEW Report Generation Toolkit is an add-on that allows users to create and edit reports in Microsoft Word and Excel formats directly from LabVIEW. Here are some of its capabilities:
- Creating Reports: Users can generate professional reports by automating the creation of documents and spreadsheets.
- Customizing Reports: The toolkit provides VIs (Virtual Instruments) to add text, tables, and graphs to reports, and to format these elements.
- Excel Integration: It includes specific VIs for Excel, allowing users to manipulate worksheets, add data, and create charts.
- Word Integration: Similar to Excel, it provides VIs for creating and formatting Word documents

- **Applications of LabVIEW**

- LabVIEW is used in various industries and applications, including:
 - Automated Test Systems: For developing automated test and measurement systems.
 - Embedded Systems: For designing and testing embedded systems.
 - Research and Development: In academic and industrial research for data acquisition and analysis.
 - Industrial Automation: For controlling and monitoring industrial processes.
- LabVIEW's versatility and powerful features make it a popular choice for engineers and scientists working on complex data acquisition and control systems.
 - Dr. V. A. Kulkarni, Principal and Dr. Mahendra M. Dixit, President IIC, Prof. & Head, Dept. of E&CE has appreciated the initiative taken by the Department towards sharing of experience through this said event.


Principal
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Institute of Technology, Haliyal


Dr. Mahendra M. Dixit,
President IIC,
Prof. & Head (E&CE),
KLS VEDIT, Haliyal.
PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
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Date: 19.01.2024

Glimpses of One Day Workshop entitled "Applications of LabVIEW"



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Date: 19.01.2024


Glimpses of One Day Workshop entitled "Applications of LabVIEW"



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8QF4+432, Haliyal, Karnataka 581329, India
Lat 15.322749°
Long 74.75513°
19/01/24 03:22 PM GMT +05:30



Haliyal, Karnataka, India
8QF4+547, SH 93, Haliyal, Karnataka 581329, India
Lat 15.322649°
Long 74.75538°
19/01/24 03:21 PM GMT +05:30



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1939

KLS V D I T

Haliyal, Uttara Kannada Dist. Karnataka – 581329

Transforming Through Technology



2004

Celebrating

NATIONAL SCIENCE DAY

28th February 2024



Special Invitee



Dr. Nilkamal Mahanta

HoD Chemistry
IIT Dharwad

Talk on

Accidental Discoveries in Science



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education, Government of India)



12 noon onwards



Visvesvaraya Seminar Hall

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Date: 28.02.2024

Report on Celebration of "National Science Day"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter II
Program Driven by	IIC Celebration Activity
Program Type	Level 1 – Expert Talk
Program / Activity Name	National Science Day – 28 th Feb. 2024
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	04 Hrs.
Event Host	Department of Basic Science & Humanities and IIC
Resource Person / Guest Speaker	Dr. Nilkamal Mahanta, HoD, Chemistry, IIT Dharwad
Start Date	28 th February 2024
End Date	28 th February 2024
Number of Students Participants	100+
Number Faculty Participants	50+
Number of External Participants	NIL
Remarks	National Science Day has been celebrated to commemorate the discovery of the "Raman Effect".
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">To revisit & to re-cherish the fond memories of contributions of Dr. C. V. Raman to the field of Science.To encourage & catalyze Students fraternity towards taking up fundamental research leading to technological innovations.
Benefit in terms of Learning / Skill / Knowledge Obtained	Students experienced the evidences of accidental discoveries took place in Science Field through a narrative presentation.

A brief report on celebration of **National Science Day** is as summarised below.

- Dr. Nilkamal Mahanta of IIT Dharwad presented a talk on *Accidental Discoveries in Science* on the auspicious occasion of *National Science Day*.
- Dr. Nilkamal elaborated on National Science Day which holds significant importance for several reasons:
 - *Celebration of Scientific Achievements*: It commemorates the discovery of the Raman Effect by Sir C.V. Raman, highlighting India's contributions to the global scientific community.
 - *Promotion of Scientific Temper*: The day encourages the development of a scientific mindset among the general public, especially students, fostering curiosity and critical thinking.
 - *Educational Outreach*: Schools, Colleges, and Research Institutions organize various activities like science exhibitions, lectures, and competitions, making science accessible and engaging for everyone.
 - *Inspiration for Future Scientists*: By showcasing the achievements of Indian Scientists, National Science Day inspires young minds to pursue careers in Science and Technology.
 - *Public Awareness*: It raises awareness about the importance of Science in everyday life and its role in National development.


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Date: 28.02.2024

Continued...

- In addition to the above generic details about National Science Day, Dr. Mahanta stressed more upon the accidental discoveries of Science to the gathering and they are as listed,
 - The Raman Effect is a phenomenon in which light interacts with the molecular vibrations of a material, resulting in a shift in the energy of the light. This effect was discovered by Sir C.V. Raman in 1928 and has since become a fundamental tool in various Scientific and Technological fields.
- *Uses in Technology*
 - **Raman Spectroscopy:**
 - *Chemical Analysis:* Raman spectroscopy is widely used to identify molecular composition and structure. It provides a "fingerprint" by which molecules can be identified
 - *Material Science:* It helps in characterizing materials, including nanomaterials, by providing detailed information about molecular vibrations and crystal structures
 - *Biology and Medicine:* Used to study biological samples, such as cells and tissues, to detect diseases and monitor biological processes
 - **Telecommunications:**
 - *Raman Lasers:* These lasers utilize the Raman Effect to produce laser light at different frequencies, which is useful in fiber-optic communications for signal amplification and wavelength conversion.
 - **Environmental Monitoring:**
 - *Pollutant Detection:* Raman spectroscopy can detect and quantify pollutants in air, water, and soil, making it a valuable tool for environmental monitoring and protection
 - **Pharmaceuticals:**
 - *Drug Development:* It is used to analyze the composition and quality of pharmaceutical products, ensuring their safety and efficacy.
- The versatility and precision of the Raman Effect make it an invaluable tool across multiple disciplines
- The overall event presented a great gist of Sir C. V. Raman's contributions & triggered many participants towards fundamental research in Science & Technology.
- The Department of Basic Science & Humanities was successful in organizing a Year marked event and this event opened up several doors for Faculty towards research.
- Dr. Mahendra M. Dixit, President, IIC, Prof. & Head, Dept. of E&CE and Dr. V. A. Kulkarni, Principal were present on this auspicious event.

Principal

KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

MHD's

Dr. Mahendra M. Dixit,
President IIC,
Prof. & Head (E&CE),
KLS V DIT, Haliyal.

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Date: 28.02.2024

Glimpses of Celebration of "National Science Day"



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Date: 28.02.2024

Glimpses of Celebration of "National Science Day"



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Transforming Through Technology



**VIKSIT BHARAT @ 2047 UTSAV:
VOICE OF YOUTH**

विकसित भारत @ 2047: युवाओं की आवाज



**INSTITUTION'S
INNOVATION
COUNCIL**

(Ministry of Education Initiative)

MIC DRIVEN ACTIVITY



Ministry of Education's
INNOVATION CELL
(GOVERNMENT OF INDIA)



सत्यमेव जयते

शिक्षा मंत्रालय
MINISTRY OF
EDUCATION



**Live Inaugural Address by
HON"BLE PRIME MINISTER OF
INDIA**

SHRI. NARENDRA MODI

**11TH DECEMBER 2023
10:15 AM Onwards**



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Date: 11.12.2023

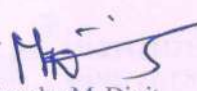
Report on MIC Driven Activity – VIKSIT BHARAT @ 2047 Utsav

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter II
Program Driven by	MIC Driven Activity
Program Type	Level 1: Expert Talks / Mentoring Sessions
Program / Activity Name	VIKSIT BHARAT @ 2047 UTSAV
Program Theme	IPR & Technology Transfer , Innovation & Design Thinking Entrepreneurship & Start-up, Pre-incubation & Incubation Management
Duration of the Activity (In Hrs.)	02 Hrs.
Resource Person / Guest Speaker	Hon'ble Prime Minister Shri Narendra Modi ji
Start Date	11 th December 2023
End Date	11 th December 2023
Number of Students Participants	More than 500
Number Faculty Participants	More than 60
Number of External Participants	NIL
Remarks	VIKSIT BHARAT @ 2047 is the vision of the Government of India to make India a developed Nation by 2047
Mode of Session Delivery	Hybrid Mode
Objectives	Our Hon'ble Prime Minister Shri Narendra Modi launching a major initiative called 'VIKSIT BHARAT @ 2047'
Benefit in terms of Learning / Skill / Knowledge Obtained	Students made to understand the initiatives of Govt. of India and guided to contribute by Engineering skills to the growth of Society and the Nation

Following is the brief report on the conduction of MIC Driven Activity entitled "VIKSIT BHARAT @ 2047" held on 11th December 2023 organized by IIC, MoE, New Delhi in Hybrid Mode.

- Welcome Address has been presented by Cabinet Secretary at 10:30 AM.
- Launch of VIKSIT BHARAT @ 2047 Ideas Portal by Hon'ble PM Shri. Narendra Modi ji on this special occasion.
- Prime Minister address during the ceremony made Youth feel proud of economic growth, social progress, environmental sustainability, and good governance at present and arose future expectations to be counted Bharat amongst developed Nations.
- The event at KLS Vdit has been successfully organized in different venues of various Departments and channelized live telecast to Students.
- Through the Online Program, Students made to understand and guided to contribute by Engineering skills to the growth of Society and the Nation, at large.
- IIC President Dr. Mahendra M. Dixit reported that all the submission guidelines to IIC portal will be arranged as per directions of MIC, after the event.
- Principal Dr. V. A. Kulkarni expressed his happiness towards the participation of Students in large number and instructed Students & Staff to actively contribute to the glory of Nation by providing solutions to global challenges, with technology perspectives.
- Few photographs of Students participation in event are as attached herewith.
- More than 500+ Students and 60+ Faculty Members participated in the said activity.


Principal
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Institute of Technology, Haliyal


Dr. Mahendra M. Dixit,
President IIC
INSTITUTIONS INNOVATION COUNCIL,
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Glimpses of MIC Driven Activity – VIKSIT BHARAT @ 2047 Utsav



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Date: 22.01.2024

Report on Visit to IIC Regional Meet at KLETU, Hubballi

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 1 – Quarter II
Program Driven by	MIC Driven Activity
Program Type	Level 3 – Exhibitions
Program / Activity Name	Visit to IIC Regional Meet at KLETU, Hubballi
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	10 Hrs.
Event Host	IIC
Participants	Dr. Mahendra M. Dixit, IIC President, Prof. & HoD, E&CE Prof. Deepak Sharma, Dept. of E&CE Mr. Keshav Payik, Dept. of E&CE Mr. Raghunandan Mulgund, Dept. of E&CE
Start Date	19 th January 2024
End Date	19 th January 2024
Number of Students Participants	02
Number Faculty Participants	02
Number of External Participants	NIL
Remarks	IIC Regional Meet has been conducted to showcase the implementations of I&E Activities of a reputed Institutes
Mode of Session Delivery	Offline
Objectives	• To witness variety of initiatives of Institutions with respect to I&E Activities
Benefit in terms of Learning / Skill / Knowledge Obtained	Foreseeing effective implementations of I&E Activities in terms of Start-ups, product development by Students

The following is the brief report on “IIC Regional Meet held at KLE Technological University, Hubballi in association with IIC, MIC, AICTE, Govt. of India.

- Inauguration of the function started at 11.30 AM in presence of Dignitaries.
- The event witnessed over 500 participants representing both IIC and non-IIC institutions, 20+ ATL schools, 20+ YUKTI Innovations Teams and startups, 30+ Jury members and evaluators along with 40+ Ecosystem Enablers and more than 100+ Volunteers.
- The first half of the day featured open house events, including an innovation exhibition, poster display, Udyami Bazaar and engaging interactive sessions.
- Project Exhibition Set up was done at the allocated Stall by Team Vdit to showcase the NAIN funded project “COTTONMITRA & PUNICAVACHA” which were praised by the Dignitaries.


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Date: 22.01.2024

Continued....

- A list of 23 patents applied from KLS VEDIT was also displayed at the stall which was one of the highlighting feature.
- IIC5.0, a proceeding containing more than 45+ events of IIC attracted the visitors at the stall and was appreciated by all.
- Post lunch session had round table discussions delved into topics such as INDOVATION Hubs for IP commercialization and Technology Transfer, and the formation of the IIC consortium.
- Knowledge-sharing sessions focused on various policy initiatives of MIC & AICTE. Additionally, innovation and startup teams underwent an orientation session on business model development.
- The latter part of the day comprised one-to-one mentoring and pitching rounds to identify the best innovations for the next round of the YUKTI Innovation Challenge 2023.
- Team KLS VEDIT actively participated in the meet and went through the wonderful knowledge sharing sessions.

Dr. Mahendra M. Dixit,
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Prof. & Head (E&CE),
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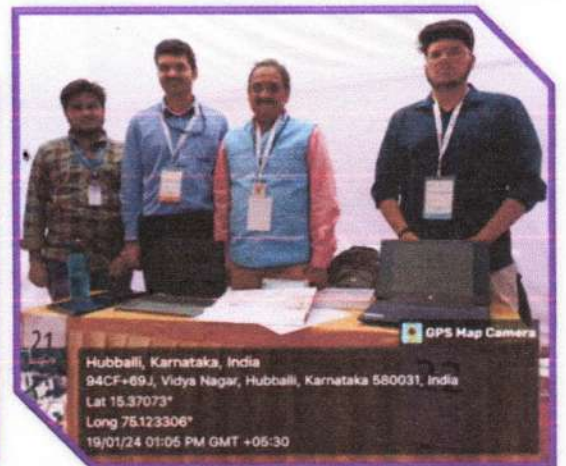
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Date: 22.01.2024

Glimpses of Visit to IIC Regional Meet at KLETU, Hubballi



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Glimpses of Visit to IIC Regional Meet at KLETU, Hubballi



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Institution's Innovation Council

(IIC6.0)

Q3 Activity Reports



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Date: 28.02.2024

INSTITUTION'S INNOVATION COUNCIL – CALL FOR MEETING

A meeting of **Institution's Innovation Council (IIC) Members** is conveyed on **29th February 2024** at **2:30 PM** in E&CE Dept. to discuss the following agenda with kind permission of the Principal.

1. **Quarter – 2** Reports Summary by President IIC, KLS Vdit, Haliyal.
2. Plan of Action for Quarter 3: **1st March 2024 to 31st May 2024**
3. Any other matter with the permission of Chair

Dr. Mahendra M. Dixit,
President IIC,
KLS Vdit, Haliyal
PRESIDENT,
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Date: 29.02.2024

INSTITUTION'S INNOVATION COUNCIL – MINUTES OF MEETING

Following is the brief summary of Meeting held with Members of **Institution's Innovation Council** KLS VDIT, Haliyal.

1. Dr. Mahendra M. Dixit, President, IIC, KLS VDIT, Haliyal welcomed the all the Members for meeting and presented agenda of the meeting.
2. Organised and successfully completed Quarter – 2 Activities have been summarised by the President during the Meeting.
3. The forum also discussed about the conduction of activities for Quarter – 3 for IIC6.0 for the AY 2023-24.
 - a. One Day Orientation Workshop on "Intel India STEM Skills Program for Woman in VLSI" – Proposed by Dept. of E&CE
 - b. One Day Session on "Business Model Canvas: Digital Transformation & Industry 4.0" – Proposed by T&P Cell
 - c. One Day Field / Exposure Visit to Syntheri Rock: A Popular Volcanic Rocks Canyon – Proposed by Dept. of Civil Engg.
 - d. Planning for Start-up in Hardware Design and Legal – Ethical Challenges – Proposed by Dept. of E&CE
 - e. Four Days National Level Workshop entitled "Effective Teaching of Earth Resource Engineering – An IPR Perspective" – Proposed by Dept. of Civil Engg.
 - f. Two Days Orientation Workshop and Business Building Plan Competition – Proposed by Dept. of E&CE
 - g. Visit to National Aerospace Laboratories, Bangalore – Proposed by Dept. of E&CE
4. Along with these activities, planned for Celebration Days Activities for the Quarter – 3 of IIC6.0
 - i. International Women's Day – Proposed by ICC Cell
 - ii. World Creativity and Innovation Day – Proposed by Dept. of E&EE
 - iii. World Intellectual Property Day – Proposed by IIC
 - iv. National Technology Day – Proposed by Dept. of Civil Engg.
5. Principal encouraged the IIC Committee Members and Staff for their involvement in conducting various activities successfully.

Dr. Mahendra M. Dixit,
President IIC,
KLS VDIT, Haliyal

PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
KLS VDIT, HALIYAL -581329
IIC CODE: IC202218479

KLS Vishwanathrao Deshpande Institute of Technology



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Date: 29.02.2024

GLIMPSES OF INSTITUTION'S INNOVATION COUNCIL – MEETING



Dr. Mahendra M. Dixit,
President IIC,
KLS VDIT, Haliyal

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KLS VDIT, HALIYAL -581329
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Date: 29.02.2024

Institution's Innovation Council (IIC)

Calendar of Events for the Academic Year 2023-24

THIRD QUARTER (Q3) : 1 ST MARCH TO 31 ST MAY 2024		THRUST AREA: PROTOTYPE, DESIGN, PROCESS DEVELOPMENT FOR BUSINESS MODEL / SERVICES
Sl. No.	Activity	Mode of Conduction
1	Workshop on Prototype / Process Design and Development.	Offline / Online
2	Session / Workshop on Business Model Canvas (BMC)	
3	Field / Exposure Visit to Incubation Unit / Patent Facilitation Centre / Technology Transfer Centre such as Atal Incubation Centre etc.	Offline
4	Session on "How to plan for Start-up and legal & Ethical Steps"	Offline / Online
5	Workshop on Intellectual Property Rights (IPRs) and IP management for start up	
6	Organize an Inter / Intra Institutional Business Plan Competition and Reward Best Innovations.	Offline
7	Mentoring Event: Demo Day / Exhibition / Poster Presentation of Business Plans & linkage with Innovation Ambassadors / Experts for Mentorship Support.	Offline / Online

Dr. Mahendra M. Dixit
President IIC,
Prof. & Head, Dept. of E&CE,
KLS VDI, Haliyal.

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Date: 29.02.2024

Institution's Innovation Council (IIC)

The MoE IIC has decided to conduct **Activities** in view of **Special Occasions** of **National importance**. In this connection, **IIC, KLS VEDIT, Haliyal**, is keen in arranging variety of events under below mentioned **Celebration Days**.

Sl. No.	Date	Celebration Activity Name	Quarter
1	8 th Mar. 2024	International Women's Day	Q3
2	21 st Apr. 2024	World Creativity and Innovation Day	
3	26 th Apr. 2024	World Intellectual Property Day	
4	11 th May 2024	National Technology Day	

Dr. Mahendra M. Dixit
President IIC,
Prof. & Head, Dept. of E&CE,
KLS VEDIT, Haliyal.

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INSTITUTION'S INNOVATION COUNCIL (IIC6.0) SUMMARY OF QUARTER – 3 ACTIVITIES REPORT (1ST MARCH 2024 TO 31ST MAY 2024)

SL. NO.	TITLE OF ACTIVITY AS PER IIC	EVENT TITLE	SCHEDULE OF ACTIVITY	HOST DEPT.
1	Workshop on Prototype / Process Design and Development.	Intel India STEM Skills Program for Woman in VLSI	1 st Mar. 2024	E&CE
2	Session / Workshop on Business Model Canvas (BMC)	Business Model Canvas: Digital Transformation & Industry 4.0	23 rd Apr. 2024	T&P
3	Field / Exposure Visit to Incubation Unit / Patent Facilitation Centre / Technology Transfer Centre such as Atal Incubation Centre etc.	Visit to Syntheri Rock: A Popular Volcanic Rocks Canyon	16 th Mar. 2024	CVE
4	Session on "How to plan for Start-up and legal & Ethical Steps"	Planning for Start-up in Hardware Design and Legal – Ethical Challenges	27 th Apr. 2024	E&CE
5	Workshop on Intellectual Property Rights (IPRs) and IP management for start up	Effective Teaching of Earth Resource Engineering – An IPR Perspective	16 th Mar. 2024	CVE
6	Organize an Inter / Intra Institutional Business Plan Competition and Reward Best Innovations.	Orientation Workshop and Business Building Plan Competition	16 th – 17 th May 2024	E&CE
7	Mentoring Event: Demo Day / Exhibition / Poster Presentation of Business Plans & linkage with Innovation Ambassadors / Experts for Mentorship Support.	Visit to National Aerospace Laboratories, Bangalore	22 nd May 2024	E&CE
CELEBRATION ACTIVITIES				
8	International Women's – Day 8 th Mar. 2024	Celebration of International Women's Day	14 th Mar. 2024	ICC
9	World Creativity and Innovation Day – 21 st Apr. 2024	Preparations and Strategies for Defence Examinations & Services	12 th Apr. 2024	E&EE
10	World Intellectual Property Day – 26 th Apr. 2024	Celebration of World Intellectual Property Day	26 th Apr. 2024	IIC
11	National Technology Day – 11 th May 2024	Best Construction Practices for Building & Use of Admixtures in Concrete	21 st May 2024	CVE



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Department of Electronics & Communication Engg.

One Day Orientation Workshop on “Intel India STEM Skills Program for Woman in VLSI”



Visvesvaraya
Seminar Hall

MR
PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
KLS V DIT, HALIYAL - 581329
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LEARNING LINKS
FOUNDATION

Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal



1st March 2024,
10.30 AM Onwards

www.klsvdit.edu.in



Date: 01.03.2024

Report on One Day Orientation Workshop on "Intel India STEM Skills Program for Woman in VLSI"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 2 – Quarter III
Program Driven by	IIC Calendar Activity
Program Type	Level 2 – Workshop
Program / Activity Name	Workshop on Prototype / Process Design & Development
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	08 Hrs.
Event Host	E&CE and IIC
Resource Person	Mr. Sachin Kumar Patil, Assistant Manager, Technology & Innovation, Learning Links Foundation
Start Date	1 st March 2024
End Date	1 st March 2024
Number of Students Participants	100
Number Faculty Participants	NIL
Number of External Participants	NIL
Remarks	Aligning Students to take up their career in VLSI domain by introducing Intel India STEM Skills Program
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">• To educate Students about opportunities in VLSI• To create awareness about STEM program from Intel• To assist Female Students in acquiring Certification through Online self-learning Course
Benefit in terms of Learning / Skill / Knowledge Obtained	Encouraging Female Students towards VLSI Industry through orientation program and online self-learning Course

A brief report on **One Day Orientation Workshop on "Intel India STEM Skills Program for Woman in VLSI"** is as summarised below.

- Department of E&CE has organised a *One Day Orientation Workshop on "Intel India STEM Skills Program for Woman in VLSI"* under the banner of IIC on **1st March 2024** at KLS VDIT, Haliyal. The event was coordinated by *Prof. Deepak Sharma* and *Prof. Suraj Kadli*.
- Mr. Sachin Kumar Patil was the Resource Person and following Program Implementation procedures were discussed
- **Orientation Session:** An orientation session was conducted to introduce participants to VLSI technology and enhance their soft skills. The session spanned 4 hours and covered topics such as effective communication, time management, goal setting, and teamwork.
- **Course Materials Access:** Each participant was provided with login credentials to access course materials through the Edapp LMS platform. This ensured that participants had continuous access to learning resources throughout the program.

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Date: 01.03.2024

Continued...

- **Course Contents:** The comprehensive 25-hour VLSI Technology course consisted of five modules:
 - Module I: Introduction to VLSI
 - Module II: Analog VLSI Design and Circuits
 - Module III: Digital VLSI Design and Circuits Module
 - IV: Verilog Programming in Intel Quartus Tool
 - Module V: GUI Simulation in DE SIM Tool
- **Online Live Expert Sessions:** A series of online live training sessions are being conducted on VLSI technology, totaling 50 hours. These sessions provide interactive learning experiences for participants, allowing them to engage with the course material in real-time.
- **Panel Discussion:** A panel discussion featuring Intel volunteers was organized to guide students on Building a Career in VLSI and Embedded Domain. These discussions provide valuable insights and mentorship to participants, helping them navigate their future career paths effectively.
- Mr. Sachin opined the conclusion: Aligning Students to take up their career in VLSI domain by introducing Intel India STEM Skills Program. Encouraging Female Students towards VLSI Industry through orientation program and online self-learning Course.
- Dr. Mahendra M. Dixit, President IIC and Dr. V. A. Kulkarni, Principal, along with Faculty Members of circuit branches were present.


Dr. Mahendra M. Dixit,
President IIC,
Prof. & Head (E&CE),
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Glimpses of One Day Orientation Workshop on "Intel India STEM Skills Program for Woman in VLSI"



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Glimpses of One Day Orientation Workshop on "Intel India STEM Skills Program for Woman in VLSI"



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2004

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Institution Innovation Council

Cordially invite all for the Technical Talk

on

Digital Transformation & Industry 4.0

by

Mr. EDWARD CONROY

Principal Consultant
Cloud and IIoT Technologies
Germany

Crevavi



April 23, 2024

Tuesday, 2.30 p.m. onwards



Visvesvaraya Seminar Hall



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One Day Session on

"Business Model Canvas"

Digital Transformation & Industry 4.0


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Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

EDWARD CONROY

Edward.conroy@crevavi.com

SUMMARY

- Management and Engineering Consulting
- Multiple Founder with successful outcomes,
- Formed and managed multiple Joint Ventures
- Specialty in Company Formation and Management Consulting
- Strong Background Aerospace/Defence & High-Tech Electronics
- Focus on Engineering, Manufacturing, Logistics, IIOT and Operations
- Long Relationship with India, German — Indian Cooperation
- Customers including Apple, Google, Facebook
- Split Career across US, Europe and Asia. Built multiple teams in India

HIGHLIGHTS

Daimler Aerospace

- Solution Architect for Eurofighter Configuration Management

Siemens Business Services

- PLM Practice Manager for North America
- PLM Roll-outs at Flextronics, Dell and many other companies

Mentor Graphics

- Product Manager for Data Management Products
- Strategic Vendor Alliances

Perception Software

- Co-Founder in Texas, ECAD Software
- Successful Exit (to Altium)


Google

- CAD, PLM, MES Systems for Manufacturing
- Coordination with Google X, Mergers & Acquisitions

Cassini Systems

- Co-Founder in Hyderabad, Enterprise Software
- Customers including Indian Railways, DRDO, Google
- Successful Exit (Altair)


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Institute of Technology, Haliyal



Date: 23.04.2024

One Day Session on "Business Model Canvas: Digital Transformation & Industry 4.0"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 2 – Quarter III
Program Driven by	IIC Calendar Activity
Program Type	Level 3 – Workshop
Program / Activity Name	Session / Workshop on Business Model Canvas (BMC)
Program Theme	Entrepreneurship & Start-up
Duration of the Activity (In Hrs.)	09 Hrs.
Event Host	TPO, E&CE and IIC
Resource Person / Guest Speaker	Mr. Edward Conroy, Principal Consultant, Cloud & IIoT Technologies, Germany
Start Date	23 rd April 2024
End Date	23 rd April 2024
Number of Students Participants	50+
Number Faculty Participants	80+
Number of External Students Participants	NIL
Remarks	An Eye Opening session on how to build Industry 4.0 through Digital Transformation by understanding Canvas of Business Model
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">To inculcate development of Technologies through Digital platforms & setting up a small scale business modelTo cultivate a practice of converting ideas into scalable & feasible products & commercializing by marketing
Benefit in terms of Learning / Skill / Knowledge Obtained	Understanding simple and beneficial techniques introducing in small scale digital solutions & aiming at revenue generation using BMC

Following is the report on One Day Session on "**Business Model Canvas: Digital Transformation & Industry 4.0**".

- The event entitled "Business Model Canvas: Digital Transformation & Industry 4.0" has been successfully organised by *T&P Cell and Department of E&CE of KLS VDIT under banner of IIC's KLS VDIT*. The event was conducted on **23rd April 2024**. **Mr. Edward Conroy, Principal Consultant, Cloud & IIoT Technologies, Germany**
- Mr. Conroy represented his views on availability of all the technological resources of KLS VDIT will greatly contribute to the society and it can be utilized to create wealth in the form of Business Model & in turn useful for revenue generation.
- Mr. Edward expressed how the resources are beneficial & possible through Digital Transformation & Industry 4.0 to the audience. Here is the brief summary.
- Digital Transformation and Industry 4.0 are revolutionizing how businesses operate, and the Business Model Canvas is a powerful tool to help visualize and strategize these changes.

President,
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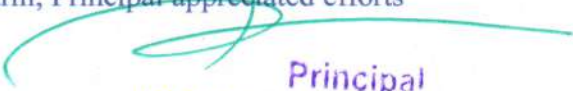


Date: 23.04.2024

Continued...

- Industry 4.0, also known as the Fourth Industrial Revolution, refers to the ongoing automation of traditional manufacturing and industrial practices using modern smart technology. **Large-scale Machine-to-Machine Communication (M2M)** and the **Internet of Things (IoT)** are integrated for increased automation, improved communication, and self-monitoring, as well as the production of smart machines that can analyze and diagnose issues without the need for human intervention.
- **Business Model Canvas:** Business Model Canvas is a strategic management tool that allows you to describe, design, challenge, invent, and pivot your business model. It consists of nine key components:
 - Customer Segments: Who are your customers?
 - Value Propositions: What value do you deliver to the customer?
 - Channels: How do you reach your customers?
 - Customer Relationships: How do you interact with your customers?
 - Revenue Streams: How does your business earn money?
 - Key Resources: What assets are essential for your business?
 - Key Activities: What activities are crucial to your value proposition?
 - Key Partnerships: Who are your partners and suppliers?
 - Cost Structure: What are the major costs involved in your business?
- Integrating Industry 4.0 with the Business Model Canvas
 - When integrating Industry 4.0 into your business model, consider how advanced technologies like IoT, AI, and big data analytics can enhance each component of the Business Model Canvas:
 - Customer Segments: Use data analytics to better understand and segment your customers.
 - Value Propositions: Develop smart products and services that offer enhanced value.
 - Channels: Leverage digital platforms to reach customers more effectively.
 - Customer Relationships: Implement AI-driven customer service solutions.
 - Revenue Streams: Explore new revenue models such as subscription services or pay-per-use.
 - Key Resources: Invest in digital infrastructure and skilled personnel.
 - Key Activities: Automate processes to increase efficiency.
 - Key Partnerships: Collaborate with tech providers and innovators.
 - Cost Structure: Optimize costs through automation and predictive maintenance.
- By aligning your business model with the principles of Industry 4.0, you can drive innovation, improve efficiency, and create new value for your customers. Dr. Shashidhar Chiniwar and Mr. Prashant, Authorities of Crevavi Technologies elaborated on potential of VDIT to take up such challenges and making it a successful business model for other competent market players.
- Dr. Mahendra M. Dixit, President IIC and Dr. V. A. Kulkarni, Principal appreciated efforts taken by IIC to host such distinguished event.


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Glimpses of One Day Session on "Business Model Canvas: Digital Transformation & Industry 4.0"



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Glimpses of One Day Session on "Business Model Canvas: Digital Transformation & Industry 4.0"



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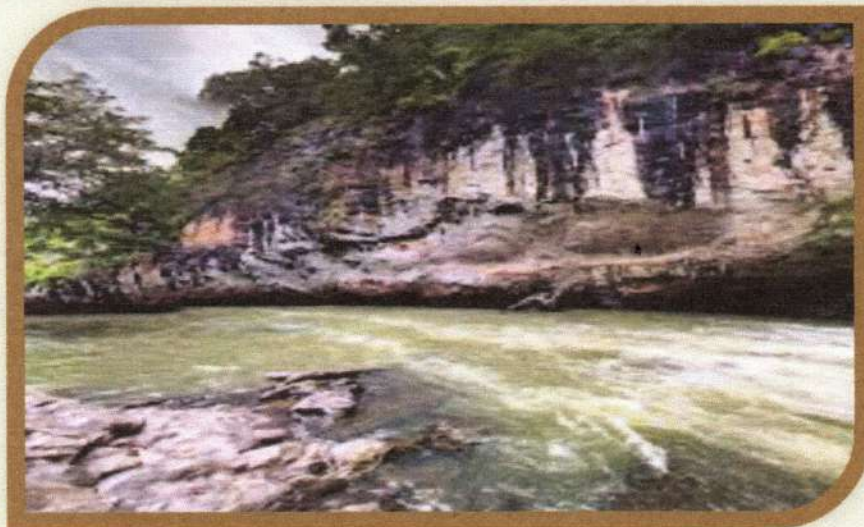
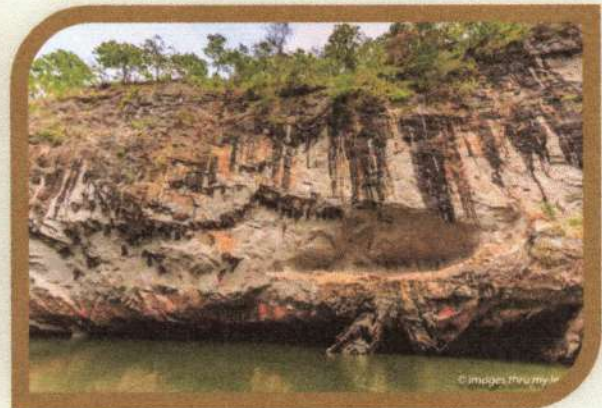
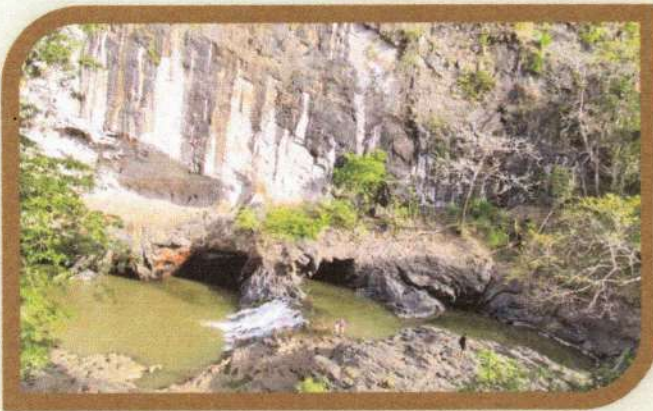
DEPARTMENT OF CIVIL ENGINEERING

Presents

Field / Exposure Visit

In Association with IIC

One Day Field / Exposure Visit to Syntheri Rock: A Popular Volcanic Rocks Canyon



16th March
2024

M. S. S.
PRESIDENT,
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Date: 16.03.2024

Report on One Day Field / Exposure Visit to Syntheri Rock: A Popular Volcanic Rocks Canyon

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 2 – Quarter III
Program Driven by	IIC Calendar Activity
Program Type	Level 3 – Boot Camps
Program / Activity Name	Field / Exposure Visit
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	09 Hrs.
Event Host	CVE and IIC
Event Coordinator	Prof. Harsha A. Jadhav, Dept. of CVE
Start Date	16 th March 2024
End Date	16 th March 2024
Number of Students Participants	40
Number Faculty Participants	5
Number of External Participants	NIL
Remarks	Visit to Syntheri Rock provides the view of Volcanic Canyon & enables understanding of Rock Formation
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">To visit to captivating landscape & witnessing volcanic eruptionTo study the sedimentation process & know how about rock science & geology
Benefit in terms of Learning / Skill / Knowledge Obtained	Students undergone the study of rock science & exposed to variety of sedimentary rocks & their chemical compositions

Following is the brief report:

- One Day Field / Exposure Visit to Syntheri Rock: A Popular Volcanic Rocks Canyon was organized by Department of Civil Engg. in association with IIC KLS VDIT on 16th March 2024.
- Prof. Harsha A. Jadhav, Coordinator of the event described the details of Volcanic Canyon available in a distinguished place nearby Dandeli reserved forest. Prof. Jadhav elaborated following with respect to the geographical portrait in particularly syntheri rock.
- Syntheri Rocks are a series of tall, columnar rock formations that have been carved over centuries by the relentless flow of the Kaneri River. These rocks are primarily composed of volcanic lava and are characterized by their unique hexagonal basalt columns. The erosion caused by the fast-flowing river has resulted in sharp rocks with hollow spaces where thousands of pigeons and bats have found safe havens. The surrounding area is covered by a thick forest of teak and bamboo, adding to the natural beauty of this geological marvel
- Sytheri Falls, located in the Western Ghats of Karnataka, is known for its stunning natural beauty and geological significance. The rocks found in this area are primarily sedimentary. These rocks are formed by the deposition and compression of mineral and organic particles over time.
- Sedimentary rocks at Sytheri Falls are typically characterized by their layered appearance, which results from the accumulation of sediments in different environments, such as rivers, lakes, and oceans. These layers can contain fossils and other geological features that provide insights into the

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Date: 16.03.2024

Continued...

- Sedimentary rocks are one of the three main types of rocks, alongside igneous and metamorphic rocks. They are formed through the deposition and solidification of sediment, particularly in bodies of water. Here are some key details about sedimentary rocks:
- **Formation Process**
 - *Weathering and Erosion*: Rocks on the Earth's surface are broken down into smaller particles through weathering and erosion.
 - *Transportation*: These particles are transported by wind, water, or ice to new locations.
 - *Deposition*: The sediments settle out of the transporting medium and accumulate in layers.
 - *Compaction and Cementation*: Over time, the accumulated sediments are compacted and cemented together to form solid rock.
- **Types of Sedimentary Rocks**
 - *Clastic Sedimentary Rocks*: Formed from mechanical weathering debris. Examples include sandstone, shale, and conglomerate.
 - *Chemical Sedimentary Rocks*: Formed when dissolved minerals precipitate from solution. Examples include limestone and chert.
 - *Organic Sedimentary Rocks*: Formed from the accumulation of plant or animal debris. Examples include coal and some types of limestone.
- **Characteristics**
 - *Layering*: Sedimentary rocks often have distinct layers, known as strata, which can be seen in cliffs and road cuts.
 - *Fossils*: They frequently contain fossils, as they form in environments where organisms live and die.
 - *Porosity*: Many sedimentary rocks are porous, meaning they have spaces between grains that can hold water or oil.
- **Importance**
 - *Natural Resources*: Sedimentary rocks are significant sources of natural resources like coal, oil, natural gas, and groundwater.
 - *Historical Records*: They provide valuable information about the Earth's history, including past climates, environments, and life forms.
- Overall, in total this field visit was an eye opener for Students to learn, explore and understand the Geological place and evolved many aspects in the field of Rock Science.
- HoD, Civil Engineering Department and Principal appreciated for arranging such important field visit which exposed Students to scientific monuments available in and around the Institute.

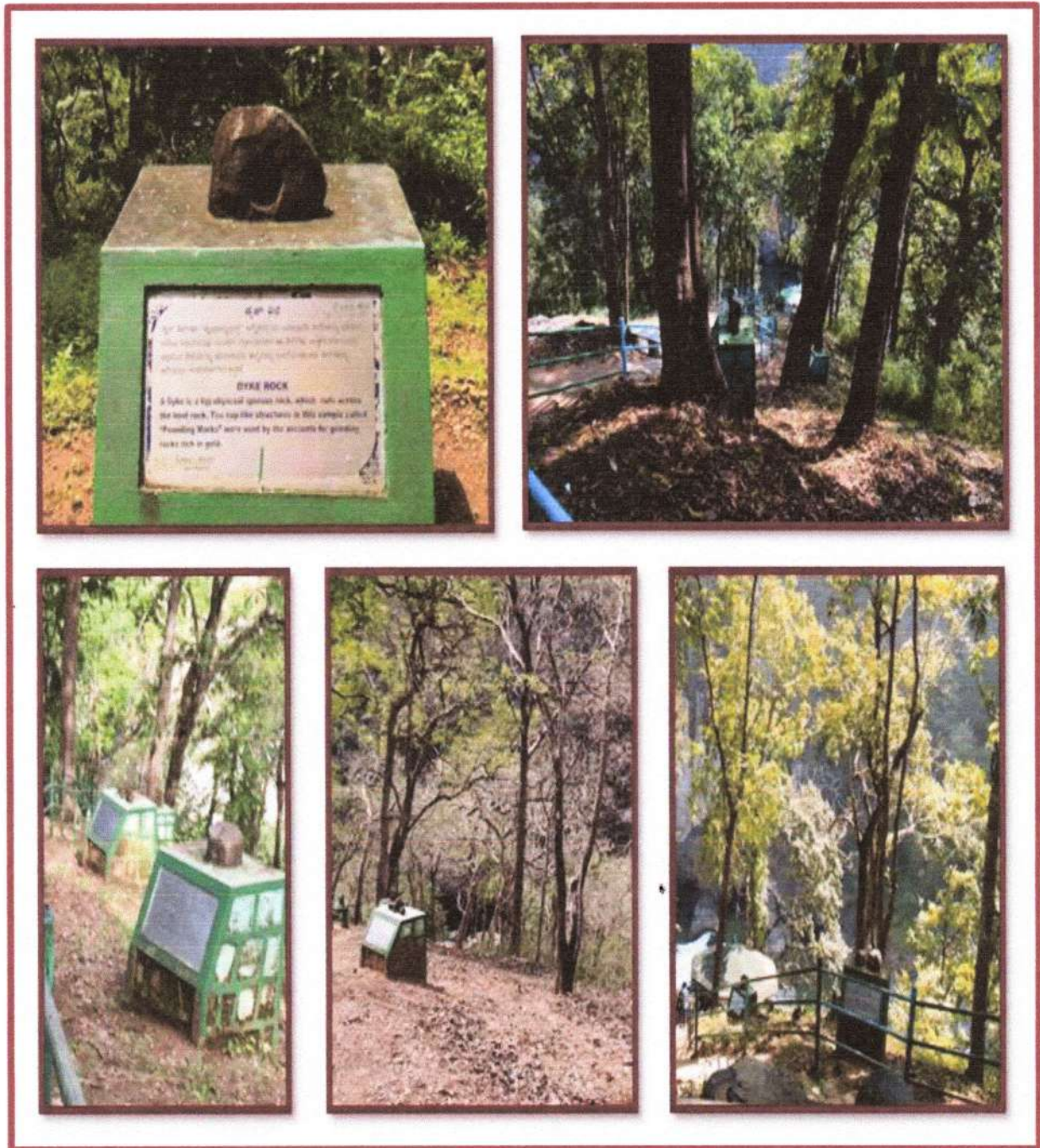

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Date: 16.03.2024

Glimpses of One Day Field / Exposure Visit to Syntheri Rock: A Popular Volcanic Rocks Canyon



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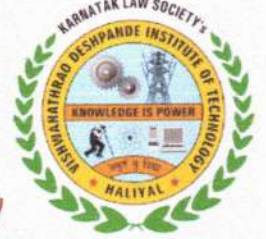

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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

In Association with Institution's Innovation Council

Presents

Session on Planning for Start-up in Hardware Design and Legal – Ethical Challenges: Overview on H / W Design Life Cycle



**Target Audience:
UG & PG E &CE
Students**



Mr. Raveesh Hegde
Manager R&D,
Continental Automotive India
Private Limited



Dr. Mahendra M. Dixit
President IIC,
Prof. & Head (E&CE)

Signature of Dr. Mahendra M. Dixit

Dr. V. A. Kulkarni
Principal

Signature of Dr. V. A. Kulkarni
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Date: 27.04.2024

Session on Planning for Start-up in Hardware Design and Legal – Ethical Challenges

Academic Year	2023–24 (IIC6.0)
Quarter	Semester 2 – Quarter III
Program Driven by	IIC Calendar Activity
Program Type	Level 1 – Mentoring Session
Program / Activity Name	Session on How to Plan for Start-up and legal & Ethical Step
Program Theme	Pre-Incubation & Incubation Management
Duration of the Activity (In Hrs.)	04 Hrs.
Event Host	E&CE and IIC
Resource Person / Guest Speaker	Mr. Raveesh Hegde, Manager (R&D) & Technical Architect, Continental Automotive India Pvt. Ltd., Bangalore
Start Date	27 th April 2024
End Date	27 th April 2024
Number of Students Participants	100+
Number Faculty Participants	20+
Number of External Participants	NIL
Remarks	Session aimed at providing challenges in setting-up start-up in the field of Electronics specifically Hardware Design
Mode of Session Delivery	Online
Objectives	<ul style="list-style-type: none">• To explore & encourage entrepreneurial opportunities in E&CE• To illustrate design of various solutions of real life challenges through Hardware design by considering start-up centric agenda
Benefit in terms of Learning / Skill / Knowledge Obtained	Deriving small objectives and providing simple feasible solutions leading to innovation & entrepreneurship towards establishment of Start-up

A brief report on Planning for Start-up in Hardware Design and Legal – Ethical Challenges.

- The event has been organised by the Department of Electronics & Communication Engineering in association with IIC. The Resource Person *Mr. Raveesh Hegde, Manager (R&D) & Technical Architect, Continental Automotive India Pvt. Ltd., Bangalore* is a proud alumnus of the Institute who described the details of becoming Entrepreneur starting from learning fundamentals to product development.
- He elaborated few details of Electronic Hardware design particularly related to automotive sector with details of product and production related to sensors and actuators available in Electronic Control Unit (ECU).



Date: 27.04.2024

Continued...

- In addition, Mr. Raveesh narrated all the other challenges and benefits of establishing *Start-up in Hardware Design* by overcoming difficulties to be faced in the domain of ethical and legal forms. They are as described below.
- Starting a hardware design company is an exciting venture. However, it comes with its own set of legal and ethical challenges. Here are some key points to consider:
 - **Legal Challenges**
 - **Funding:** Hardware startups often require significant upfront capital for product development, prototyping, and manufacturing. This can deter investors and necessitate continuous funding rounds.
 - **Regulations:** Compliance with industry-specific standards, licensing requirements, and labor laws across various jurisdictions is complex but essential to avoid legal disputes and operational disruptions.
 - **Intellectual Property (IP):** Protecting your designs and innovations through patents and trademarks is crucial. Ensure you have well-drafted IP agreements to safeguard your interests.
 - **Manufacturing Agreements:** These contracts define the responsibilities of both parties involved in production, including IP ownership rights, quality control measures, and confidentiality obligations.
 - **Supply Chain Management:** Establish clear expectations and rights between parties involved in the movement of goods. Due diligence on potential suppliers is essential.
- **Ethical Challenges**
 - **Product Impact:** Consider the ethical implications of your product. How does it impact users and society? Are there any potential negative consequences?
 - **Sustainability:** Ensure your supply chain is ethical and sustainable. This includes sourcing materials responsibly and minimizing environmental impact.
 - **Data Privacy:** If your hardware collects user data, ensure you have robust data privacy measures in place to protect user information.
 - **Workplace Ethics:** Foster an ethical workplace culture by defining core values early on, integrating ethics into your hiring process, and leading by example.
- **Tips for Success**
 - **Seek Expert Advice:** Consult with legal experts to navigate the complex regulatory landscape and ensure compliance from the outset.
 - **Ethical Framework:** Build an ethical framework by defining your core values, creating an ethical culture, and making your supply chain sustainable.
 - **Continuous Learning:** Stay updated on legal and ethical standards in your industry to adapt and respond to new challenges effectively.
- Starting a hardware design company is a journey filled with opportunities and challenges. By addressing these legal and ethical considerations early on, you can set a strong foundation for your startup's success.
- Prof. A. S. Joshi, Coordinator arranged this online talk which found useful for Students and authorities appreciated the efforts by the Resource Person.

Principal!

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Glimpses of Session on Planning for Start-up in Hardware Design and Legal – Ethical Challenges



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Glimpses of Session on Planning for Start-up in Hardware Design and Legal – Ethical Challenges




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Department of Civil Engineering

Four Days National Level Offline Workshop on

"Effective Teaching of Earth Resource Engineering, Civil Engineering practices and Sustainable use of Earth Materials"

Resource Persons :

- Dr. A V Shivapur Professor, VTU PG Centre, Belagavi
Dr. Sharad G. Joshi Principal, KLEIT, Hubli
Dr. Raghunath S Professor BMS College, Bengaluru
Dr. Amarnath Hegde Associate Professor, IIT Dharwad
Dr. Lokeshappa Associate Professor, UBDT, Davanagere
Dr. Jaaya R. S. Raasta Centre for Road Technology, Bengaluru
Dr. Keerthi Gowda S. Assistant Professor, VTU PG Centre Mysuru
Dr. Brijbhushan S Assistant Professor, VTU PG Centre Kalaburagi

From 13th to 16th
March 2024

Registration link



Dr. V. S. Hegde
Mr. Rakesh Patil
Coordinator

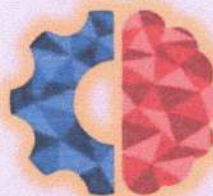
Dr. Ashik Bellary
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Date: 16.03.2024

Report on Four Days National Level Workshop entitled "Effective Teaching of Earth Resource Engineering – An IPR Perspective"

Academic Year	2023–24 (IIC6.0)
Quarter	Semester 2 – Quarter III
Program Driven by	IIC Calendar Activity
Program Type	Level 3 – Workshop
Program / Activity Name	Workshop on IPR & IP Management for Start-up
Program Theme	IPR & Technology Transfer
Duration of the Activity (In Hrs.)	12 Hrs.
Event Host	CVE, IIC, VTU, European Geo Science, Indian Geo Technical Society and IEI
Resource Person / Guest Speaker	<ul style="list-style-type: none">• Dr. Amarnath Hegde, Dean (Infrastructure) & Associate Professor, IIT – Dharwad• Dr. Raghunath S., Professor, BMS College Bangalore• Er. Mahadev Gouda, Assistant Engineer, WALMI, Dharwad• Dr. Brijbhushan S., Assistant Professor, VTU Regional Centre, Kalburgi• Dr. Lokeshappa, Associate Professor, UBDT, Davangere• Dr. A. V. Shivapur, Professor, Dept. of Civil Engg., PG Centre, Belagavi• Dr. Jaya R. S., Associate Professor, VTU Extension IR Rastha Centre for Road Technology, Bengaluru• Dr. Keerthigouda B. S., Assistant Professor, VTU PG Centre, Mysore.
Start Date	13 th March 2024
End Date	16 th March 2024
Number of Students Participants	50+
Number Faculty Participants	15+
Number of External Participants	20+
Remarks	A National Level Workshop provided a platform to earth resource engineers specialise in safe and sustainable use of Natural Resources such as fossil fuels, rocks / minerals & water.
Mode of Session Delivery	Online
Objectives	<ul style="list-style-type: none">• To create awareness about usage of earth resources by the means of engineering• To educate professionals on segments of earth resources such as Mining, Petroleum, Geological and Environmental by learning the concepts of Science and Engineering.
Benefit in terms of Learning / Skill / Knowledge Obtained	Participants explore the platform to learn diversified fields of earth resource engineering and IPR matter from renowned experts.

A brief report on **Four Days National Level Workshop entitled "Effective Teaching of Earth Resource Engineering – An IPR Perspective"**

- Department of Civil Engineering has organised Four Days National Level Workshop entitled "Effective Teaching of Earth Resource Engineering – An IPR Perspective".


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Continued...

- The objective is to create awareness about usage of earth resources by the means of engineering & to educate professionals on segments of earth resources such as Mining, Petroleum, Geological and Environmental by learning the concepts of Science and Engineering.
- This platform provided to discuss matters related to earth resource engineers specialize in safe and sustainable use of Natural Resources such as fossil fuels, rocks / minerals & water.
- Participants explore the platform to learn diversified fields of earth resource engineering and IPR matter from renowned experts.
- The details of individual Resource Persons and their topic are as tabulated below,
 - *Dr. Amarnath Hegde*, Dean (Infrastructure) and Associate Professor, IIT Dharwad. Topic was *Foundation Challenge and Geotechnical Engineering*
 - Risk associated with structural failure and damages & Requirement of shallow for safe structure.
 - Documented case study on Transcona grain elevator in Canada and other related case studies highlighting type and method of test to be conducted on soil depending on practicality and Advanced Soil stabilization methods using Geo-synthetics.
 - *Dr. Raghunath S.*, Professor at BMS College Bangalore. Topic was *Sustainable Housing Solutions Approaches and Case Studies in Civil Engineering*
 - Dignified housing solution for migrants and case studies of projects worked at kottamedu and other places etc.
 - Employment generating methods along with housing solution by identifying peoples skills.
 - Low cost Earthquake resistant buildings and case studies.
 - *Er. Mahadev Gouda*, Assistant Engineer, WALMI Dharwad. Topic was *Hydrology and Irrigation engineering and its Importance.*
 - Demarking of catchment area, methods for collection of rainfall data. Present statistics of Ground water and surface water data. Advantages and disadvantages of Interlinking of rivers.
 - Methods for ground water recharge and Role of Civil Engineer in meeting the balance between water demand and water supply.
 - *Dr. Brijbhushan S.*, Assistant Professor, VTU Regional Center, Kalburgi. Topic was *Civil Engineer roles and responsibilities in Construction practices.*
 - Importance of Green building and sustainable materials and its application. Ancient and Present architectural aspects used in building construction.
 - Principles and guidelines for design and layout of building considering natural elements like Air and Light to reduce energy and maintenance cost.
 - *Dr. Lokeshappa*, Associate Professor, UBDT, Davangere. Topic was *Transformation of Metal in Coal Fly-ash.*
 - Chemical composition Natural resource materials and its conservation. Availability of earth resource materials and its sustainable use by partially replacing other agriculture and industrial water material in construction industry.


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- Statistical data of coal combustion quantity and its waste generation and its utilization in construction industry.
- Dr. A. V. Shivapur, Professor, Department of Civil Engineering, PG Centre Belagavi. Topic was *Water Resource Engineering and its importance*.
 - Statistical data on availability of water region wise and per capita water conservation over the years. Methods to conserve water in agriculture sector and type of crops to grown as per its availability to increase productivity and to conserve water.
 - Importance of water conservation, methods and steps to spread awareness about it.
- Dr. Jaya R. S., Associate Professor VTU Extension IR Rastha Centre for Road Technology, Bengaluru. Topic was *Optimizing the Use of Natural Aggregate towards Sustainable Pavement Construction*.
 - Conservation of Natural Resource materials by using sustainable methods in construction practices. Optimizing the use of Natural aggregates by incorporation of other sustainable aggregate materials like recycled concrete aggregates, RAP Aggregates etc for pavement construction.
 - Methods to treat and produce recycled concrete aggregates, RAP Aggregates for sustainable pavement construction.
- Dr. Keerthigouda B. S., Assistant Professor, VTU PG Centre, Mysore. Topic was *Applications of ANN in Civil Engineering and hands on training on MATLAB*.
 - Working Principles and code language of Artificial Neural Network ANN. Application of Artificial Neural Network in Civil Engineering.
 - Delivered the project worked on MATLAB using ANN also highlighted the tools used in MATLAB.
- HoD, Civil Engineering Dr. Ashik Bellary was the Convener and Dr. V. S. Hegde and Prof. Rakesh Patil were the Coordinators for the event.
- Dr. Mahendra M. Dixit, President IIC and Dr. V. A. Kulkarni, Principal appreciated efforts taken by Civil Engineering Department for the most needful event.


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Glimpses of National Level Workshop Entitled "Effective Teaching of Earth Resource Engineering – An IPR Perspective"




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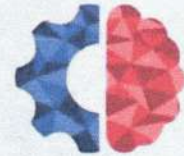
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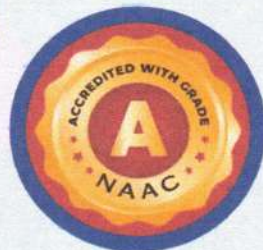
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Two Days Orientation Workshop and Business Building Plan Competition

Business Model



DR. MAHENDRA M. DIXIT
Prof. & Head, Dept. of E&CE
President IIC, KLS V DIT



**16th & 17th May
2024**



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Date: 17.05.2024

Report on Two Days Orientation Workshop and Business Building Plan Competition

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 2 – Quarter III
Program Driven by	IIC Calendar Activity
Program Type	Level 3 – Workshop
Program / Activity Name	Organise an Inter / Intra Institutional Business Plan Competition and Reward Best Innovations.
Program Theme	IPR & Technology Transfer
Duration of the Activity (In Hrs.)	12 Hrs.
Event Host	E&CE and IIC
Resource Person / Guest Speaker	Dr. Mahendra M. Dixit, Prof. & Head, Dept. of E&CE President IIC, KLS VDIT
Start Date	16 th May 2024
End Date	17 th May 2024
Number of Students Participants	50+
Number Faculty Participants	20+
Number of External Participants	NIL
Remarks	The workshop is to trigger young minds about how Business Model Exist and possibilities of developing enhanced revenue amongst budding Engineers.
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">• To educate setup Business Plan.• To train towards competitive areas of Engineering Entrepreneurship through Small Scale & Medium Scale Business Models.
Benefit in terms of Learning / Skill / Knowledge Obtained	Workshop resulted in bringing Innovative revenue models to yield profitable business for Engineers in the Society.

Following is the report on **Two Days Orientation Workshop and Business Building Plan Competition**.

- Department of E&CE organized a Two Days Workshop from 16th to 17th May 2024 for Students and Faculty Members of the Institute.
- First Day of the Workshop dealt with the orientation on Business Building Plan for variety of Engineering aspects starting from Electronics product design contributing to various advanced Technological Systems. In addition, the workshop also engrossed several important aspects of Business Building Plans and they are as mentioned below.
 - **Executive Summary:** Provide a concise overview of business idea, including the problem it solves, solution, and the target market.
 - **Market Analysis:** Conduct thorough research to understand market, including size, growth potential and key trends. Identify target audience and competitors.
 - **Product / Service Description:** Clearly describe product or service, its unique features, and how it benefits customers.

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- **Business Model:** Explain how business will make money. Include details on pricing, sales strategies, and revenue streams.
- **Marketing and Sales Strategy:** Outline plan for attracting and retaining customers. Include marketing channels, sales tactics, and promotional activities.
- **Operations Plan:** Detail the day-to-day operations of business, including production, supply chain management, and logistics.
- **Financial Plan:** Provide financial projections, including income statements, cash flow statements, and balance sheets. Highlight funding requirements and potential return on investment.
- **Team:** Introduce team members, their roles, and their relevant experience. Highlight any advisors or mentors who are supporting venture.
- The second half of First Day Workshop covered Tips for Success,
 - **Practice Your Pitch:** Prepare a compelling pitch that clearly communicates your business idea and its potential. Practice delivering it confidently and concisely.
 - **Seek Feedback:** Get feedback on your business plan from mentors, peers, and industry experts. Use their insights to refine and improve your plan.
 - **Stay Flexible:** Be open to making adjustments based on feedback and new information. Flexibility can help you adapt to challenges and improve your chances of success.
 - **Focus on Impact:** Highlight the positive impact your business will have on customers, society, and the environment. This can make your plan more compelling to judges and investors.
- Second Day of Workshop covered competition of Best Business Building Plans and presenting them during last session.
- Rubrics for selecting Best Business Building Plans are presentation of Executive Summary, Business Description, Market Analysis, Business Model, Marketing and Sales Strategy, Operations Plan, Financial Plan and Team to name a few.
- The scaling Score can be of Exemplary (25-28), Acceptable (21-24), Needs Improvement (16-20) and Inadequate (0-15).
- A total of 10 Students Teams were participated comprising of 05 members in a team and Best Top 02 Teams were rewarded with Motivational Books during the end of the Workshop.


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Glimpses of Two Days Orientation Workshop and Business Building Plan Competition




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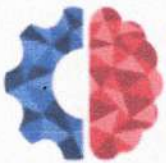
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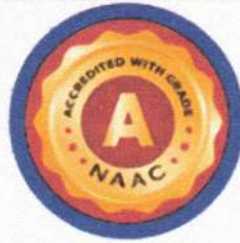
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Department of Electronics & Communication Engineering Organized

Mentoring Students through visit to Exhibition of National Importance



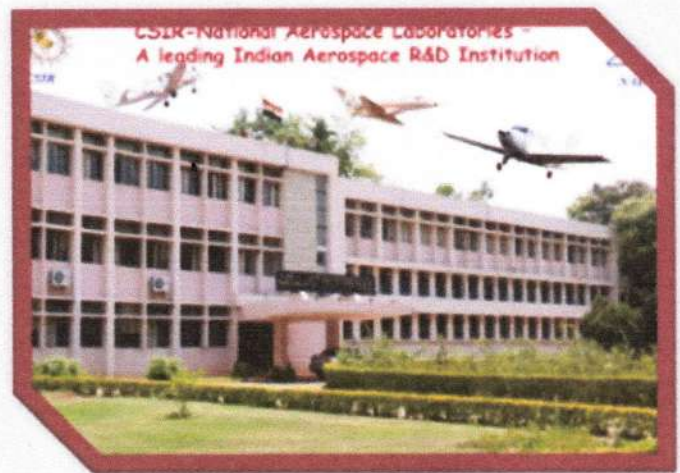
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Visit to National Aerospace Laboratories, Bangalore

22nd May 2024



Dr. Mahendra M. Dixit
President IIC

Prof. & Head, Dept. of ECE

Dr. V. A. Kulkarni
Principal

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INSTITUTION'S INNOVATION COUNCIL

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IC CODE: IC202218479

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KLS Vishwanathrao Deshpande Institute of Technology



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Date: 22.05.2024

Report on Visit to National Aerospace Laboratories, Bangalore

Academic Year	2023–24 (IIC6.0)
Quarter	Semester 2 – Quarter III
Program Driven by	IIC Calendar Activity
Program Type	Level 3 – Exhibition
Program / Activity Name	Mentoring Students through visit to Exhibition of National Importance
Program Theme	Entrepreneurship & Start-up
Duration of the Activity (In Hrs.)	10 Hrs.
Event Host	E&CE and IIC
Event Coordinator	Prof. Suraj Kadli and Prof. Rohini K. Dept. of E&CE, KLS VEDIT, Haliyal
Start Date	22 nd May 2024
End Date	22 nd May 2024
Number of Students Participants	43
Number Faculty Participants	02
Number of External Participants	NIL
Remarks	Witnessing of Fundamental & Advanced Electronic Technologies in aviation Industry
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">• To learn the realization of concepts utilized in real time Aerospace applications• To initiate ideation of developing miniaturized electronic units incorporated in Avionics segments
Benefit in terms of Learning / Skill / Knowledge Obtained	Exploring career opportunities in Aerospace & Aeronautics by designing essential units of electronics through guided & mentored support.

Following is the report on **Visit to National Aerospace Laboratories, Bangalore.**

- The visit is arranged in view of Guiding & Mentoring Students towards understanding Aerospace segments in the form of reaching out to Nation's premiere organization.
- This visit was planned to create awareness amongst Students to come up with Small Scale business plans through the generation of innovative ideas in the field of Avionics by extending mentorship support from IIC.
- Prof. Suraj Kadli and Prof. Rohini Kallur extended mentorship support to Students and the Institute received great gesture, guidance and assistance from authorities of NAL Bangalore.
- Following were few important points described during the visit.
- **Aircraft Models:** These include both manned and unmanned aircraft, ranging from commercial airliners to military jets and drones. Advanced materials and design techniques are used to improve performance, fuel efficiency, and safety.
- **Wind Tunnel Testing:** This is a crucial part of aerodynamics research. Wind tunnels simulate the conditions an aircraft will face in flight, allowing engineers to study airflow, lift, drag, and other factors. This helps in optimizing the design for better performance and efficiency.

MR. S.
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Date: 22.05.2023

Continued...

- **Innovations in Aeronautics:** Advanced Propulsion Systems: Development of more efficient engines, including electric and hybrid propulsion.
- **Avionics:** Cutting-edge navigation, communication, and control systems.
- **Materials Science:** Use of lightweight, durable materials like composites and advanced alloys.
- **Unmanned Aerial Vehicles (UAVs):** Drones and other UAVs for various applications, from surveillance to delivery services.
- **Sustainable Aviation:** Efforts to reduce the environmental impact of aviation through sustainable fuels and greener technologies.
- NAL is equipped with the **Nilakantan Wind Tunnel Centre** and a computerized fatigue test facility company. NAL also has facilities for investigating failures and accidents in the Aerospace Engineering domain.
- Students visited **Flight Mechanics and Control Division** in which **Mr. Manjunath** and **Mr. Harish** explained about the flight simulation in 1:1 terrain. Students observed the flight take-off and landing operation along with banging of the aircraft. Students understood about the control panel of Civilian Aircraft.
- Students visited Aerospace Electronics and Systems Division, in which **Dr. Shivakumar**, Senior Scientist along with **Mr. Manjunath**, Technician explained about Transmissometer which works on the principle of Photo diode and detector implemented in airports to avoid collisions between aircraft.
- Students visited Acoustic Test Facility, in which **Sri Mahesh S.** explained the Students about the different acoustic settings to be done at the aircraft and he demonstrated an experiment to identify the noise generation in a mass through a 360 degree camera and microphone array.
- **Mr. Anand** explained students about the contributions done by NAL to ISRO starting from small sensors to missile launching vehicles. He also explained about the simulation of real bird like silicon structure attacking the aircraft and the effects of the attack.
- **Mr. Chandrappa** explained about the effect of vibrations on the satellite structure and Dr. Satish Nimbyal in Advanced Composites division explained our students about composite materials, co-curing of the materials and also about the methods used to mould them.
- Dr. Mahendra M. Dixit, President IIC, Prof. & Head, Dept. of E&CE and Dr. V. A. Kulkarni, Principal, have appreciated the initiative taken by the Department for grooming Students towards such an unique visit to Nationally acclaimed organization.


Principal
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Institute of Technology, Haliyal


Dr. Mahendra M. Dixit,
President IIC,

Prof. & Head (E&CE),
KLS VEDIT, Haliyal

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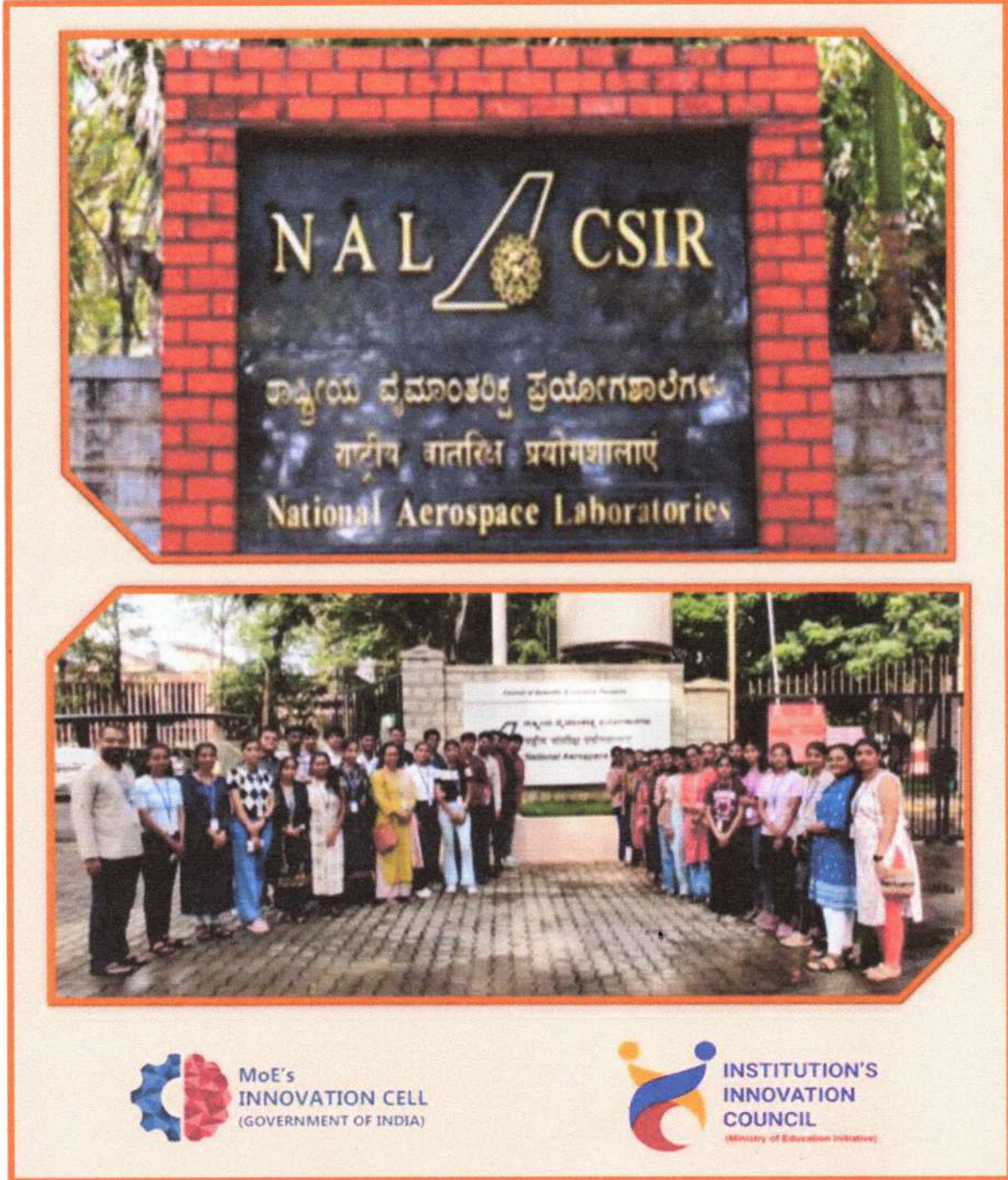
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Glimpses of Visit to National Aerospace Laboratories, Bangalore




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KLS V DIT

Haliyal, Uttara Kannada Dist. Karnataka – 581329



Transforming Through Technology



Celebrating

INTERNATIONAL WOMEN'S DAY

Special Invitees



Dr. Ranjana R M

Associate Professor, Dept. of Pathology
KLE JGMM Medical College, Hubballi
Classical Singer



Ms. Rohini M K

Managing Director
MYK Bioactives International Pvt Ltd
Proud alumna, Vdit



14th March 2024



Visvesvaraya Seminar Hall
KLS Vdit Campus

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Date: 14.03.2024

Report on Celebration of International Women's Day

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 2 – Quarter III
Program Driven by	IIC Celebration Activity
Program Type	Level 2 – Seminar
Program / Activity Name	International Women's Day – 8 th March
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	07 Hrs.
Event Host	ICC and IIC
Resource Person / Guest Speaker	Dr. Ranjana R. Mayya, Associate Professor, Dept. of Pathology, KLE JMGG Medical College, Hubballi Ms. Rohini M. K., Managing Director, MYK Bioactives International Pvt. Ltd., Dharwad
Start Date	14 th March 2024
End Date	14 th March 2024
Number of Students Participants	100+
Number Faculty Participants	15+
Number of External Participants	NIL
Remarks	The campaign theme for celebrating International Women's Day 2024 was Inspire Inclusion.
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">To encourage Female Students & Staff towards Women empowerment and self-reliant in society.To illustrate the achievements of distinguished Female eminent personalities.
Benefit in terms of Learning / Skill / Knowledge Obtained	Knowing challenges and difficulties encountered by Women achievers and sharing experiences to become successful in respective professions.

A brief report on *Celebration of International Women's Day* as summarised below.

- Internal Compliance Committee of KLS VEDIT organised Celebrations of International Women's Day by arranging a motivational talk and an awareness session by two Women achievers of two distinguished stature.
- Dr. Ranjana R. Mayya**, Associate Professor, Dept. of Pathology, KLE JMGG Medical College, Hubballi and **Ms. Rohini M. K.**, Managing Director, MYK Bioactives International Pvt. Ltd., Dharwad were the inspirational speakers on the occasion.
- Dr. Ranjana R. Mayya**, having a strong background in the field of medicine elaborated the need of education to Girl Child, preparing towards facing challenges of the society by acquainting essential qualities through self-learning and learning from others.
- Dr. Ranjana**, presented her experiences during graduation and expressed her difficulties in brining herself as one of the able contributor in the field of medicine. She also opined that the only way to achieve excellence in professional life is not restricted to academic studies, however, excellence is also pursuit of co-curricular & extra-curricular engagements.

Principal

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Continued...

- **Dr. Mayya**, suggested Students to formulate the goals intact with passion to achieve higher dreams in life by overcoming all the real life issues imbining moral and ethical aspects.
- **Dr. Ranjana**, exhibited her singing passion by presenting a classical vocal to the gathering and inspired the audience.
- **Ms. Rohini M. K.**, the other eminent personality and proud alumnus of Dept. of E&CE narrated her experiences to the students.
- **Ms. Rohini**, briefed about establishing entrepreneurship in the field of chemicals and fertilizers to be used in Agriculture and allied domains.
 - **Regulatory Compliance:** The industry is heavily regulated to mitigate its environmental impact. Companies must comply with stringent regulations on emissions, waste management, and the use of hazardous materials
 - **Resource Availability:** The availability of raw materials like natural gas for example ammonia production and phosphate rock can be limited and subject to geopolitical tensions, affecting supply chains and production costs.
 - **Health and Safety:** Ensuring the safety of workers and surrounding communities is paramount. The handling of hazardous chemicals requires strict safety protocols and continuous monitoring.
 - **Sustainability:** There is a growing need to adopt sustainable practices, such as improving nitrogen use efficiency and reducing waste. This not only helps in meeting regulatory requirements but also aligns with global sustainability goals.
- **Ms. Rohini**, explained Students to always keep entrepreneurial thinking while ideating concepts converting into reality, ensuring it as an end product and handing over to the society as a contribution.
- On the whole **Ms. Rohini**, also appreciated the guidance and the support of her alma mater in all the endeavors and considering her in all the prime events of the Institute.
- ICC Cell of KLS VDIT organised many special events and competitions for Girl Students and Woman Staff such as Vegetable / Fruit Carving, Rangoli, Ramp Walk, and Cook without Fire. Prize in the form of Books for Winners and Certificates for all the participants were handed over during the event.
- **Dr. Meenal M. Kaliwal**, coordinator of this event extended gratitude to Resource Persons on this occasion and presented a formal Vote of Thanks.
- **Dr. Mahendra M. Dixit**, President, IIC, Prof. & Head, Dept. of E&CE and **Dr. V. A. Kulkarni**, Principal were present on this auspicious event and appreciated the initiatives of ICC.


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Dr. Mahendra M. Dixit,
President IIC,
PRESIDENT
Prof. & Head (E&CE),
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Date: 14.03.2024

Glimpses of Celebration of International Women's Day




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Glimpses of Celebration of International Women's Day




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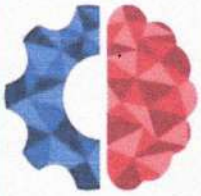


Preparations and Strategies for Defence Examinations & Services (in view of World Creativity & Innovation Day)

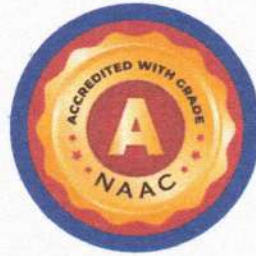
Organised by

Department of Electrical & Electronics Engineering

In Association with Institution's Innovation Council



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
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(Ministry of Education Initiative)

Honoring Excellence & a Proud Moment



CAPTAIN ABHAY PANDIT,
Nag Missile Contingent, Indian Army



Visvesvaraya
Seminar Hall

Prof. A. V. Kolaki
Head, Dept. of E&EE

Dr. Mahendra M. Dixit
President-IIC
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Prof. & Head, Dept. of ECE
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Dr. V. A. Kulkarni
Principal
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Date: 12.04.2024

Report on "Preparations and Strategies for Defence Examinations & Services" In view of World Creativity & Innovation Day

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 2 – Quarter III
Program Driven by	IIC Celebration Activity
Program Type	Level 2 – Seminar
Program / Activity Name	"Preparations and Strategies for Defence Examinations & Services" in view of World Creativity & Innovation Day – 21 st April
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	05 Hrs.
Event Host	E&EE and IIC
Resource Person / Guest Speaker	Captain Abhay Pandit, Nag Missile Contingent, Indian Army
Start Date	12 th April 2024
End Date	12 th April 2024
Number of Students Participants	70+
Number Faculty Participants	20+
Number of External Participants	NIL
Remarks	Captain Abhay Pandit opened up his experiences in joining Indian Army through his creative preparations & innovative efforts
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none"> To trigger Students towards appearing competitive exams & hand holding the defense in safe guarding the Country To utilize the creative engineering thinking & applying to get qualifying in Nationally acclaimed exams
Benefit in terms of Learning / Skill / Knowledge Obtained	Students experienced derivation of solutions through Engineering skill sets by appropriating the usage of Creativity

A brief report on *Preparations and Strategies for Defence Examinations & Services* as summarised below.

- An invited talk on Preparations for Defence Examinations & Services has been organised by Dept. of E&EE in association with IIC on 12th April 2024 for students of KLS VEDIT.
- Captain Abhay Pandit of Indian Army and proud alumni of KLS VEDIT presented a session on the topic as mentioned.
- Captain Abhay narrated more on how to grab opportunities in Indian Army and Defence Sector in general and mentioned following points with respect to creativity and innovation to be brought during preparations.
 - **Active Learning Techniques:** Create visual diagrams to organize information, this helps in understanding complex concepts and retaining information better. And use flashcards for quick revision of key facts and concepts.

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Continued...

- **Simulated Environments:** Regularly take mock tests to simulate exam conditions. This helps in managing time and reducing exam anxiety. And engage in scenario-based exercises that mimic real-life situations you might face in the defense field.
- **Collaborative Learning:** Join or form study groups to discuss topics and solve problems collaboratively. This can provide new perspectives and enhance understanding. Teach a topic to a peer. Teaching is a powerful way to reinforce your own understanding.
- **Technological Tools:** Utilize apps designed for defense exam preparation. These often include practice questions, study materials, and progress tracking. And enroll in online courses that offer structured learning paths and expert guidance.
- **Creative Problem Solving:** Practice lateral thinking exercises to improve your problem-solving skills. This can be particularly useful for tackling unexpected questions in exams. And regularly brainstorm different approaches to solving problems. This can help in developing innovative solutions.
- **Physical and Mental Well-being:** Physical fitness is crucial for defense exams. Incorporate regular exercise into your routine to stay fit and focused. And practice mindfulness techniques like meditation to reduce stress and improve concentration.
- **Mr. Pandit**, enmarked Students that one should carry passion and courage to dream of joining Defence and it was highly recommended that there is no short cut for hard work to become a soldier of the Country in safeguarding to Nation.
- **Prof. A. V. Kolaki**, HoD (E&EE), **Dr. Mahendra M. Dixit**, President IIC and **Dr. V. A. Kulkarni**, Principal appreciated the Resource Person for sparing his invaluable time.

Dr. Mahendra M. Dixit,
President IIC,
Prof. & Head (E&CE),
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Date: 12.04.2024

Glimpses of "Preparations and Strategies for Defence Examinations & Services"



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Date: 12.04.2024

Glimpses of "Preparations and Strategies for Defence Examinations & Services"



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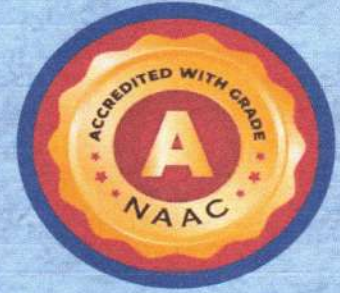
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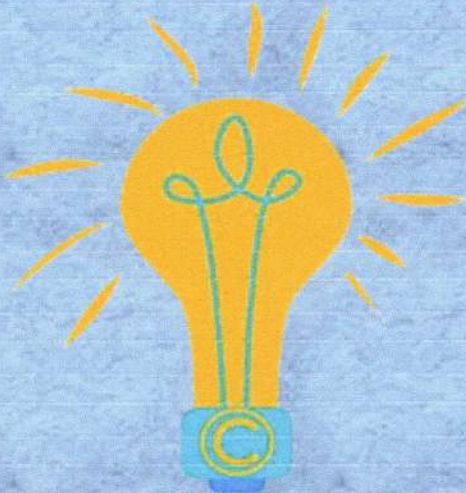
Expert Talk on **Intellectual Property**



**INSTITUTION'S
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COUNCIL**
(Ministry of Education Initiative)



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**World
Intellectual
Property
Day 26th April**


GUEST SPEAKERS

Dr. P. V. Madhusudhan Rao
Professor & Dean, IIT Delhi

Dr. Elangovan
MoE, Innovation Cell

Dr. Yogesh Brahmankar
Innovation Director


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Date: 26.04.2024

Report on Celebration of "World Intellectual Property Day"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 2 – Quarter III
Program Driven by	IIC Celebration Activity
Program Type	Level 1 – Expert Talk
Program / Activity Name	World Intellectual Property Day – 26 th April
Program Theme	IPR & Technology Transfer
Duration of the Activity (In Hrs.)	02 Hrs.
Event Host	IIC, MoE
Resource Person / Guest Speaker	Dr. Elangovan, MoE, Innovation Cell Dr. Yogesh Brahmanekar, Innovation Director Dr. P. V. Madhusudhan Rao, Professor & Dean, IIT Delhi
Start Date	26 th April 2024
End Date	26 th April 2024
Number of Students Participants	150+
Number Faculty Participants	50+
Number of External Participants	NIL
Remarks	World Intellectual Property Day has been celebrated to create awareness towards Patenting concepts, products and trademarks imbibing profession ethics
Mode of Session Delivery	Online
Objectives	<ul style="list-style-type: none">To emphasize the importance of a balanced IP system to recognize and reward inventors & creators for their workTo benefit the society by creating and developing solutions to the existing challenges
Benefit in terms of Learning / Skill / Knowledge Obtained	Learning & adopting ethical aspects of IP leading to cutting edge innovations in technology.

A brief report on **Celebration of "World Intellectual Property Day"** is as summarised below.

- **World Intellectual Property Day** has been celebrated on **26th April 2024** which was organised by Ministry of Education, in the form of MIC driven activity,
- The Guest Speakers were Dr. Elangovan, MoE, Innovation Cell, Dr. Yogesh Brahmanekar, Innovation Director and Dr. P. V. Madhusudhan Rao, Professor & Dean, IIT Delhi.
- The following points were covered during the celebration creating awareness to all the stakeholders of MoE, IIC.
- World Intellectual Property Day, celebrated on April 26th, highlights the importance of intellectual property (IP) rights, including patents, trademarks, and copyrights, in fostering innovation and creativity.
 - **Patents:** A patent is a form of IP that grants the inventor exclusive rights to their invention for a certain period, typically 20 years. This means others cannot make, use, or sell the invention without permission. Patents encourage innovation by providing inventors with the incentive to invest time and resources into developing new technologies.


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Date: 26.04.2024

Continued...

- **Intellectual Property Rights (IPR):** IPR encompasses various legal rights that protect creations of the mind, such as inventions, literary and artistic works, designs, symbols, names, and images used in commerce. These rights ensure creators can control and benefit from their work, thus promoting further innovation and creativity.
- **World Intellectual Property Day:** The theme for World IP Day changes annually to focus on different aspects of IP. For example, recent themes have included "Innovate for a Green Future" and "IP & SMEs: Taking your ideas to market." The day is marked by events such as seminars, workshops, and exhibitions organized by governments, educational institutions, and IP organizations to raise awareness about the importance of IP rights.
- Resource person were also discussed briefly about Steps to File a Patent in India
- Filing a patent in India involves several steps and requires specific documentation. Here's a detailed guide explaining process:
 - **Document Your Invention:** Write down the invention with as many details as possible, including drawings, diagrams, and descriptions.
 - **Novelty Search (Optional):** Conduct a patentability search to ensure your invention is new and has not been patented before.
 - **Drafting the Patent Application:** Prepare a detailed Patent Application. This is a crucial step as the quality of the draft can affect the strength of the Patent.
 - **Filing the Patent Application:** Submit the application to the Indian Patent Office. You can file a provisional or complete application.
 - **Publication of the Application:** The application is published in the official Patent Journal after 18 Months from the filing date.
 - **Request for Examination:** File a request for examination within 48 months from the filing date. The Patent Office will then examine the application.
 - **Respond to Objections:** Address any objections raised by the Patent Examiner.
 - **Grant of Patent:** Once all objections are resolved, the Patent is granted and published in the Patent Journal
- Overall, this significant MIC driven activity has triggered all the Students and Staff towards Patents & IPR and its utility to the Society.


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Date: 26.04.2024

Glimpses of Celebration of "World Intellectual Property Day"

Why is Intellectual Property Indispensable
 P.V. Madhusudhan Rao
 Professor & Dean
 IIT Delhi
 World Intellectual Property Day
 April 26, 2024

Examination

Examination	Patent Examination: Technical Examination, Novelties, Inventive step and Industrial Applicability along with Proficiency of Disclosure
First Examination Report	First of objections are communicated to the applicant
Examination on right of Applicant	If back right, examination, issues the objection which can be responded, communication the pending objections to the applicant.
Issuance	Issuance of Certificate on pending objections because applicant and having sufficient.
Grant or Refusal	Decision to grant or refuse the Patent based on pending objections and submission of the applicant.

On average, the time taken from filing to grant at present lies between 2.5 to 3 years

Want to file Patent Application in India what to do? What forms should I fill? How much is the fee?

- Form 1- Details of Application, Applicant **Fees need to be paid**
- Form 2- Details of Invention (Title, Background of Invention, Particular of Drawings, Brief description of Drawing, Brief Description of the Invention, Claims, Abstract, Drawings) **Fees not required** (20 pages, 30 figures) (Manual Copies Scan to be received) [Sample]
- Form 3- Details of foreign Filing of Similar Invention **Fees not required**
- Form 5- Declaration as to inventorship **Fees not required**
- Form 26- Request for Examination (shall be filed within 48 months from the earliest priority date / filing date, if not filed, application deemed to be withdrawn) **Fees need to be paid**

MoE's INNOVATION CELL (GOVERNMENT OF INDIA)

INSTITUTION'S INNOVATION COUNCIL (Ministry of Education Initiative)

President,
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 IIC CODE: IC202218479

Principal
 KLS Vishwanathrao Deshpande
 Institute of Technology, Haliyal



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Date: 26.04.2024

Glimpses of Celebration of "World Intellectual Property Day"

The screenshot shows a webex session titled "Vernier Calliper". It features a detailed diagram of a vernier calliper with numbered parts (1-8) and a video call window with two participants. Below the screenshot is a photograph of a classroom where students are seated at desks with computers, facing a projector screen displaying the same content.

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INSTITUTION'S INNOVATION COUNCIL (Ministry of Education Initiatives)

Handwritten signature
PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
KLS VDIIT, HALIYAL - 581329
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Handwritten signature
Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyar



KLS V DIT HALIYAL

in Association with



INDIAN CONCRETE INSTITUTE (ICI) HUBBALLI-DHARWAD CENTRE



Technical Talks
on

**BEST CONSTRUCTION PRACTICES FOR
BUILDING & USE OF ADMIXTURES IN
CONCRETE**

**INTRODUCTION TO NANOTECHNOLOGY
FOR CONCRETE APPLICATIONS**

by

Er. Vijay Totiger

Chairman, ICI Hubballi-Dharwad Centre

by

Dr. Anand Hunashyal

Secretary, ICI Hubballi-Dharwad Centre



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)

Schedule: 21st May 2024

In View of Celebration of



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)

National Technology Day (11th May)

HoD, CVE

President IIC

Principal

PRESIDENT,

Principal

INSTITUTION'S INNOVATION COUNCIL

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Date: 21.05.2024

Report on Technical Talk on "Best Construction Practices for Building & Use of Admixtures in Concrete"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 2 – Quarter III
Program Driven by	IIC Celebration Activity
Program Type	Level 2 – Seminar / Expert Talk
Program / Activity Name	National Technology Day – 11 th May
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	04 Hrs.
Event Host	CVE and IIC
Resource Person / Guest Speaker	Er. Vijay Totiger, Chairman, ICI Hubballi-Dharwad Centre Dr. Anand Hunashyal, Secretary, ICI Hubballi-Dharwad Centre
Start Date	21 st May 2024
End Date	21 st May 2024
Number of Students Participants	47
Number Faculty Participants	10
Number of External Participants	NIL
Remarks	Learning best practices of structural engineering by incorporating advanced techniques of adding Admixtures in concrete during construction
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">• To illustrate the advanced technology of adding admixtures in concrete for building structures• To learn best practices from an experienced and a proven professional of civil construction field
Benefit in terms of Learning / Skill / Knowledge Obtained	Learning wide spectrum of civil engineering through upgraded and transformed techniques used in construction of civil structures

Following is the brief report on **Technical Talk on "Best Construction Practices for Building & Use of Admixtures in Concrete"**.

- Prof. Girish C. & Prof. Seema R. B., KLS VDIIT Haliyal of Dept. of Civil Engineering organised Technical Talk on "Best Construction Practices for Building & Use of Admixtures in Concrete" for Students of 4th & 6th Semester in view of National Technology Day (11th May).
- First session was presented by Er. Vijay Totiger, Proprietor ICI – HUDC on "Best Construction Practices for building & use of admixtures in concrete" where he briefed about the latest materials used as admixtures and also equipment used in construction activities.
- Second session was presented by Dr. Anand Hunashyal, Secretary, ICI – HUDC & Professor at KLE Technological University – Hubli on "Introduction to Nanotechnology for concrete application". He briefed about implementation of nanotechnology in Civil Engineering field.
- Er. Totiger elaborated on **Best Construction Practices for Building** in detail with real time illustrations and they are as reported below.


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Date: 21.05.2024

Continued...

- **Best Construction Practices for Building:**

- *Site Preparation:* Ensure the construction site is properly prepared, including clearing debris, leveling the ground, and setting up proper drainage systems.
- *Quality Materials:* Use high-quality materials that meet industry standards to ensure the durability and safety of the structure.
- *Proper Planning:* Develop a detailed construction plan, including timelines, resource allocation, and contingency plans.
- *Skilled Workforce:* Employ skilled labor and provide adequate training to ensure high-quality workmanship.
- *Safety Measures:* Implement strict safety protocols to protect workers and prevent accidents on the construction site.
- *Regular Inspections:* Conduct regular inspections to ensure compliance with building codes and standards.
- *Environmental Considerations:* Incorporate sustainable practices, such as using eco-friendly materials and minimizing waste.

- **Use of Admixtures in Concrete:** Admixtures are materials added to concrete to modify its properties and enhance performance. Here are some best practices for using admixtures:

- *Thorough Testing:* Conduct comprehensive tests to ensure the compatibility of admixtures with the concrete mix and desired performance outcomes.
- *Adherence to Guidelines:* Follow the manufacturer's recommended dosages and mixing procedures to avoid potential issues.
- *Types of Admixtures:*
 - **Water-Reducing Admixtures:** Improve workability and reduce water content without compromising strength.
 - **Retarding Admixtures:** Delay the setting time of concrete, useful in hot weather conditions.
 - **Accelerating Admixtures:** Speed up the setting time, beneficial in cold weather or when early strength is required.
 - **Air-Entraining Admixtures:** Introduce tiny air bubbles into the concrete to improve its resistance to freeze-thaw cycles.
 - **Superplasticizers:** Provide high workability and flowability, ideal for complex forms and high-strength concrete.
- *Mixing Procedures:* Ensure proper mixing to achieve uniform distribution of admixtures throughout the concrete.
- *Monitoring and Adjustments:* Continuously monitor the concrete mix and make necessary adjustments to maintain desired properties.

- **Dr. Anand Hunashyal** shared his experience on use of **Introduction to Nanotechnology for concrete application** in detail and they are as reported below.

- *Improved Strength and Durability:* By incorporating nanoparticles like nano-silica, nano-titanium dioxide, and carbon nanotubes, the mechanical properties of concrete can be -

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Date: 21.05.2024

Continued...

- significantly enhanced. These nanoparticles fill the voids in the concrete matrix, leading to a denser and stronger material.
 - *Enhanced Workability*: Nanoparticles can improve the workability of concrete, making it easier to mix and pour. This is particularly beneficial for complex structures and high-performance applications.
 - *Self-cleaning and Anti-bacterial Properties*: Nano-titanium dioxide can impart self-cleaning properties to concrete. When exposed to sunlight, it breaks down organic pollutants, keeping the surface clean. Additionally, it can provide anti-bacterial properties, making it suitable for hygienic environments.
 - *Reduced Permeability*: Nanotechnology can reduce the permeability of concrete, making it more resistant to water and chemical ingress. This enhances the durability of concrete structures, especially in harsh environments.
 - *Environmental Benefits*: The use of nanotechnology can lead to the development of more sustainable concrete. For example, incorporating nano-silica can reduce the amount of cement required, lowering the carbon footprint of concrete production
- By following these practices mentioned by resource persons, a practice of Civil Engineer may be converted into Best Practices. HoD, Civil Engineering Department and all Staff & Students expressed their happiness towards the overall proceedings of the event.

Dr. Mahendra M. Dixit,

President IIC,

Prof. & Head (I&CE),

PRESIDENT
INSTITUTION'S INNOVATION COUNCIL,

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Institute of Technology, Haliyal



Date: 21.05.2024

Glimpses of Technical Talk on "Best Construction Practices for Building & Use of Admixtures in Concrete"




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Glimpses of Technical Talk on "Best Construction Practices for Building & Use of Admixtures in Concrete"




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Institution's Innovation Council

(IIC6.0)

Q4 Activity Reports



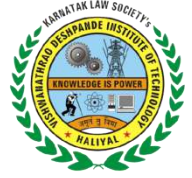
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Date: 27.05.2024

INSTITUTION'S INNOVATION COUNCIL – CALL FOR MEETING

A meeting of **Institution's Innovation Council (IIC) Members** is conveyed on **28th May 2024** at **3:00 PM** in Seminar Hall to discuss the following agenda with kind permission of the Principal.

1. **Quarter – 3** Reports Summary by President IIC, KLS Vdit, Haliyal.
2. Plan of Action for Quarter – 4: **1st June 2024 to 31st August 2024**
3. Any other matter with the permission of Chair

Dr. Mahendra M. Dixit,
President IIC,
KLS Vdit, Haliyal

PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
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Date: 28.05.2024

INSTITUTION'S INNOVATION COUNCIL – MINUTES OF MEETING

A meeting of all the **Members of Institution's Innovation Council** has been conducted at Seminar Hall on 28th May 2024 and the following discussions have been taken place during the meeting.

1. Dr. Mahendra M. Dixit, President, IIC, KLS VDIT, Haliyal welcomed the all the Members and Staff Members for meeting and addressed the gathering with the Meeting agenda.
2. During the Meeting, President IIC presented summary of Quarter – 3 Activities.
3. It is also discussed about the conduction of activities for Quarter – 4 for IIC6.0 for the AY 2023-24.
 - a. Session entitled "Electric Vehicle – Challenges & Opportunities" – Proposed by Dept. of E&EE
 - b. "Early Stage Entrepreneurship Avenues for Engineers" – Proposed by Dept. of E&EE
 - c. Industry Visit to "Conecc Industry Pvt. Ltd." – Proposed by Dept. of Civil Engg.
 - d. "Empowering Women Engineers: from Innovation to Enterprise" – Proposed by Dept. of E&EE & IEEE, KLS VDIT
 - e. "Orientation Program on IBM SkillsBuild Platform" – Proposed by Dept. of E&CE
 - f. Session on Career Opportunities in the Field of Electrical Engineering – Proposed by Dept. of E&EE
 - g. Mini Projects Exhibition & Competition – An Approach towards Start-up (Two Days Intra Institutional Start-up Competition) – Proposed by Dept. of E&CE
 - h. Hackathon – AVINYA – 2024 – Proposed by Dept. of CS&E
4. Along with these activities, planned for Celebration Days Activities for the Quarter – 4 of IIC6.0
 - i. World Environment Day – Proposed by ECO Club
 - ii. 4th Anniversary of National Education Policy (NEP) 2020 – Proposed by Dept. of E&CE
 - iii. Independence Day – Celebrating Azadi ka Amritkal – Proposed by NSS & Dept. of E&CE
 - iv. World Entrepreneur's Day – Proposed by Dept. of E&CE
5. The IIC Committee Members and Staff Members were appreciated by the Principal for their efforts for conducting various activities successfully.


Dr. Mahendra M. Dixit,
President IIC,
KLS VDIT, Haliyal

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Date: 28.05.2024

GLIMPSES OF INSTITUTION'S INNOVATION COUNCIL – MEETING



Dr. Mahendra M. Dixit,
President IIC,
KLS VDIT, Haliyal

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Date: 28.05.2024

Institution's Innovation Council (IIC)

Calendar of Events for the Academic Year 2023-24

FOURTH QUARTER (Q4) : 1 ST JUNE TO 31 ST AUGUST 2023		THRUST AREA: START UP AWARENESS AND ECO SYSTEM SUPPORT SERVICES FOR DEVELOPMENT
Sl. No.	Activity	Mode of Conduction
1	Session on Innovation / Prototype Validation – Converting Innovation into a Start-up or Session on Achieving “Value Proposition Fit” & “Business Fit”	Offline / Online
2	Session on Accelerators / Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs	
3	Organize Session on “Lean Start-up & Minimum Viable Product / Business”- Boot Camp (or) Mentoring Session	
4	Session on Angel Investment / VC Funding Opportunity for Early Stage Entrepreneurs.	
5	Session / Panel discussion with innovation and Start-up Ecosystem Enablers from the region / State / National Level	
6	Organizing Innovation & Entrepreneurship Outreach Program in Schools / Community	Offline
7	Organize an Inter / Institutional Start-up Competition and Reward Best Start-ups.	
8	Mentoring Event: Demo Day / Exhibition / Poster Presentation of Start-Ups & Linkage with Innovation Ambassadors/Experts for Mentorship Support.	Offline / Online

Dr. Mahendra M. Dixit
President IIC,
Prof. & Head, Dept. of E&CE,
KLS VEDIT, Haliyal.
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Institution's Innovation Council (IIC)

The MoE IIC has decided to conduct Activities in view of Special Occasions of National importance. In this connection, IIC, KLS VEDIT, Haliyal, is keen in arranging variety of events under below mentioned Celebration Days.

Sl. No.	Date	Celebration Activity Name	Quarter
1	5 th Jun. 2024	World Environment Day	Q4
2	29 th Jul. 2024	4th Anniversary of National Education Policy (NEP) 2020	
3	15 th Aug. 2024	Independence Day – Celebrating Azadi ka Amritkal	
4	21 st Aug. 2024	World Entrepreneurs Day	

Dr. Mahendra M. Dixit
President IIC,
Prof. & Head, Dept. of E&CE,
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INSTITUTION'S INNOVATION COUNCIL (IIC6.0) SUMMARY OF QUARTER – 4 ACTIVITIES REPORT - (1ST JUNE 2024 TO 31ST AUGUST 2024)

SL. NO.	TITLE OF ACTIVITY AS PER IIC	EVENT TITLE	SCHEDULE OF ACTIVITY	HOST DEPT.
1	Session on Innovation / Prototype Validation – Converting Innovation into a Start-up or Session on Achieving “Value Proposition Fit” & “Business Fit”	Electric Vehicle – Challenges & Opportunities	7 th Jun. 2024	E&EE
2	Session on Accelerators / Incubation - Opportunities for Students & Faculties - Early Stage Entrepreneurs	Early Stage Entrepreneurship Avenues for Engineers	25 th Jun. 2024	E&EE
3	Organize Session on “Lean Start-up & Minimum Viable Product / Business”- Boot Camp (or) Mentoring Session	Industry Visit to Conecc Industry Pvt. Ltd.	28 th Jun. 2024	CVE
4	Session on Angel Investment / VC Funding Opportunity for Early-Stage Entrepreneurs.	Empowering Women Engineers: from Innovation to Enterprise	18 th Jul. 2024	IEEE & E&EE
5	Session / Panel discussion with innovation and Start-up Ecosystem Enablers from the region / State / National Level	Orientation Program on IBM SkillsBuild Platform	25 th Jun. 2024	E&CE
6	Organizing Innovation & Entrepreneurship Outreach Program in Schools / Community	Career Opportunities in the Field of Electrical Engineering	29 th Jun. 2024	E&EE
7	Organize an Inter / Institutional Start-up Competition and Reward Best Start-ups.	Mini Projects Exhibition & Competition – An Approach towards Start-up	10 th – 11 th Aug. 2024	E&CE
8	Mentoring Event: Demo Day / Exhibition / Poster Presentation of Start-Ups & Linkage with Innovation Ambassadors / Experts for Mentorship Support.	Hackathon – AVINYA – 2024	15 th Jul. 2024	CS&E
CELEBRATION ACTIVITIES				
9	World Environment Day – 5 th Jun. 2024	Celebration of World Environment Day	5 th Jun. 2024	ECO
10	4 th Anniversary of National Education Policy (NEP) 2020 – 29 th Jul. 2024	Orientation Program on Principles of Electronic and Communication Systems	5 th Aug. 2024	E&CE
11	Independence Day – Celebrating Azadi ka Amritkal – 15 th Aug. 2024	Pencil Sketch & Painting Competition & Exhibition Quiz on Space Research Innovation, Technology & Its Application	15 th Aug. 2024	NSS & E&CE
12	World Entrepreneurs Day – 21 st Aug. 2024	Celebration of World Entrepreneurs Day	24 th Aug. 2024	E&CE
SELF-DRIVEN ACTIVITIES				
13	Review Meeting by UGC	Online Review Meeting on National Space Day Celebrations	22 nd Aug. 2024	E&CE
14	Research Orientation to UG Students	Elevating Research Quality for UG Students: Ethical Standards and Effective Literature Reviews	26 th Jun. 2024	E&EE
MIC-DRIVEN ACTIVITY				
15	Annual Report	Annual Report on IIC6.0 Activities	30 th Sep. 2024	IIC



KLS V DIT HALIYAL

Transforming Through Technology



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Department of Electrical & Electronics Engineering



in association with
ELECTRA & IIC



Organizes

Technical Talk

on

Electric Vehicle – Challenges & Opportunities

Mr. Ganapati Sodigadde

Founder & Managing Director
EZON Electric Vehicles Pvt Ltd.
Bengaluru



7th June 2024, Friday



11 A.M onwards



Seminar Hall



MoE's
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(GOVERNMENT OF INDIA)

Prof. Ravindra Motekar
Electra Coordinator

Prof. A. V. Kolaki
HOD, EEE Dept.

Dr. V. A. Kulkarni
Principal

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Date: 07.06.2024

Report on Session entitled "Electric Vehicle – Challenges & Opportunities"

Academic Year	2023–24 (IIC6.0)
Quarter	Semester 2 – Quarter IV
Program Driven by	IIC Calendar Activity
Program Type	Level 1 – Expert Talk
Program / Activity Name	Session on Innovation / Prototype Validation – Converting Innovation into a Start-up or Session on Achieving "Value Proposition Fit" & "Business Fit"
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	03 Hrs.
Event Host	E&EE and IIC
Resource Person	Mr. Ganapati Sodigadde , Founder & Managing Director, EZON Electric Vehicles Pvt. Ltd., Bangalore
Start Date	7 th June 2024
End Date	7 th June 2024
Number of Students Participants	80+
Number Faculty Participants	20
Number of External Participants	NIL
Remarks	Understanding technology behind hybrid electrical vehicles
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">• To learn design mechanism of electrical vehicles with challenges and opportunities• To engage Students in innovation of EVs leading to start-up for achieving value proposition fit & business fit
Benefit in terms of Learning / Skill / Knowledge Obtained	Students undergone brainstorming session in the field of EVs and learnt challenges and opportunities leading to prototype validation converting to start-up

A brief report on Session entitled "Electric Vehicle – Challenges & Opportunities" is as summarised below.

- Department of E&EE has organised a Session entitled "Electric Vehicle – Challenges & Opportunities" under the banner of IIC on 7th June 2024 at KLS Vdit, Haliyal. The event was coordinated by Prof. Ravindra Motekar to the Students of 4th & 6th Semester E&EE Branch.
- Mr. Ganapati Sodigadde Resource Person impressed Students on the topic Electric Vehicles (EVs) and stated that EVs are transforming the automotive industry. However, they come with their own set of challenges and opportunities. In addition, he explained all the related matters as enlisted herewith.
 - **Challenges:**
 - **Battery Technology:** The development of efficient, long-lasting, and affordable batteries remains a significant hurdle. Current lithium-ion batteries are expensive and have limitations in terms of energy density and charging times.


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Date: 07.06.2024

Continued...

- *Charging Infrastructure:* The availability and accessibility of charging stations are crucial for the widespread adoption of EVs. Many regions still lack sufficient infrastructure.
- *Range Anxiety:* Concerns about the driving range of EVs can deter potential buyers. Improving battery technology and expanding charging networks are essential to address this.
- *Cost:* Although the prices of EVs are decreasing, they are still generally more expensive than traditional internal combustion engine vehicles.
- *Environmental Impact:* While EVs are cleaner during operation, the production and disposal of batteries can have significant environmental impacts.
- **Opportunities:**
 - *Technological Advancements:* Innovations in battery technology, such as solid-state batteries, promise higher energy densities, faster charging times, and longer lifespans.
 - *Renewable Energy Integration:* EVs can be integrated with renewable energy sources, reducing the overall carbon footprint and promoting sustainable energy use.
 - *Government Incentives:* Many governments offer incentives for EV purchases, including tax breaks, rebates, and subsidies, which can make EVs more affordable.
 - *Smart Grid Technology:* The integration of EVs with smart grid technology can enhance energy management and efficiency, providing benefits to both consumers and utility providers.
 - *Market Growth:* The EV market is rapidly expanding, with increasing consumer interest and investment from major automotive manufacturers.
- The future of EVs looks promising, with ongoing research and development aimed at overcoming current challenges and unlocking new opportunities.
- Mr. Ganapati Sodigadde delivered a comprehensive talk, covering the latest advancements in EV Technology. He provided valuable insights into the various career opportunities available in the EV sector, encouraging Students to explore this rapidly growing field. Additionally, he discussed the entrepreneurial potential within the EV Industry, sharing his experiences and offering guidance to aspiring entrepreneurs.
- During conclusion Mr. Sodigadde emphasized on validating prototypes, leading to innovation and converting to Start-ups through the mind set of value proposition and business fit for young Engineers.
- Dr. Mahendra M. Dixit, President IIC and Dr. V. A. Kulkarni, Principal, graced the occasion along with all the Faculty Members.


Principal
KLS Vishwanathrao Deshpande
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Date: 07.06.2024

Glimpses of Session entitled "Electric Vehicle – Challenges & Opportunities"




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Date: 07.06.2024

Glimpses of Session entitled "Electric Vehicle – Challenges & Opportunities"



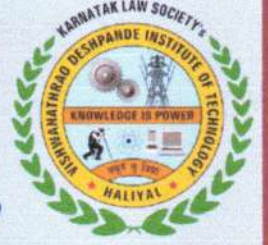
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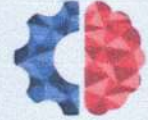
Transforming Through Technology



In Association with Institution's Innovation Council

Presents

**Session on Accelerators / Incubation -
Opportunities for Students & Faculties - Early
Stage Entrepreneurs**



Ministry of Education's
INNOVATION CELL
(GOVERNMENT OF INDIA)

**"EARLY STAGE ENTREPRENEURSHIP
AVENUES FOR ENGINEERS"**



:Resource Person:

Mr. Veeraj Randewadi
ACC Limited, Bangalore
(Proud Alumnus, 2013-17 Batch)

**25th June 2024,
2 PM Onwards**



**Block No. 05
E&EE Class**

Prof. A. V. Kolaki
HoD, E&EE

Dr. Mahendra M. Dixit
President IIC,
Prof. & Head (E&CE)

Dr. V. A. Kulkarni
Principal
Principal


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Date: 25.06.2024

Report on "Early Stage Entrepreneurship Avenues for Engineers"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 2 – Quarter IV
Program Driven by	IIC Calendar Activity
Program Type	Level 2 – Seminar
Program / Activity Name	Session on Accelerators / Incubation – Opportunities for Students & Faculties - Early Stage Entrepreneurs
Program Theme	Entrepreneurship & Start-up
Duration of the Activity (In Hrs.)	05 Hrs.
Event Host	E&EE and IIC
Resource Person / Guest Speaker	Mr. Veeraj Randewadi, ACC Ltd. Bangalore
Start Date	25 th June 2024
End Date	25 th June 2024
Number of Students Participants	50+
Number Faculty Participants	5+
Number of External Students Participants	NIL
Remarks	Motivating Students towards Engineering & Career opportunities for setting up early stage entrepreneurship.
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">To orient towards entrepreneurship during graduation.To educate Students the plans and strategies towards setting up incubation through learning Engineering concepts
Benefit in terms of Learning / Skill / Knowledge Obtained	Exploring variety of avenues in the form of small scale and medium scale industries by learning & understanding fundamentals of Engineering

Following is the report on "Early Stage Entrepreneurship Avenues for Engineers"

- Department of E&EE in association with IIC organised session on "Early Stage Entrepreneurship Avenues for Engineers" on 25th June 2024 for Students of KLS VDIT. Mr. Veeraj Randewadi, ACC Ltd. Bangalore was the resource person for the event.
- Mr. Veeraj presented his views on Early-stage entrepreneurship offers numerous exciting avenues for Engineers. He mentioned some key opportunities and resources for consideration:
- Opportunities:
 - *Green Technology and Sustainable Solutions*: With the global focus on sustainability, there is a growing demand for eco-friendly technologies. Engineers can innovate in areas like renewable energy, waste management, and sustainable materials.
 - *Robotics and Automation*: As industries increasingly adopt automation, there is a significant opportunity for engineers to develop advanced robotics solutions for manufacturing, healthcare, and other sectors.
 - *Software and App Development*: The digital era continues to thrive, making software and app development a lucrative field. Engineers can create innovative software solutions for various industries.

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Continued...

- *3D Printing Innovations*: This technology is revolutionizing manufacturing, healthcare, and even construction. Engineers can explore new applications and improvements in 3D printing.
- *Internet of Things (IoT)*: IoT is transforming how devices interact and share data. Engineers can develop smart devices and systems that enhance efficiency and connectivity.
- **Resources and Support:**
 - *Accelerators and Incubators*: Programs like the Royal Academy of Engineering's Enterprise Hub provide funding, mentoring, and networking opportunities for engineering entrepreneurs.
 - *Mentorship Programs*: Access to experienced mentors can be invaluable. Programs like the Leaders in Innovation Fellowships offer tailored mentoring and training for engineers.
 - *Funding Opportunities*: Many organizations and government bodies offer grants and funding for innovative engineering projects. Look for local and international funding programs that support early-stage startups.
 - *Networking Events*: Participating in industry conferences, workshops, and networking events can help engineers connect with potential partners, investors, and customers.
 - *Online Courses and Workshops*: Platforms like Coursera, edX, and Udacity offer courses on entrepreneurship, business management, and specific technical skills that can help engineers build their startups.
- Mr. Randewadi also discussed several exciting job opportunities in marine engineering for electrical engineering Students. Here are some key roles which are mentioned as below.
 - *Marine Electrical Engineer*: In this role, you'll be responsible for designing, installing, and maintaining electrical systems on ships and other marine vessels. This includes power generation, distribution, and control systems.
 - *Marine Electrician*: This position involves the installation, maintenance, and repair of electrical systems on boats and ships. You'll work on everything from navigation systems to power distribution.
 - *Marine Engineer Officer*: As an officer, you'll oversee the operation and maintenance of a ship's engineering systems, including electrical systems. This role often involves leadership and management responsibilities.
 - *Electrical Fitter*: This job focuses on the installation and maintenance of electrical equipment within the marine environment, including shock and non-shock mounted items.
 - *Life Support Systems Engineer*: Working in marine conservation or aquariums, you'll manage and maintain the electrical systems that support life support systems for marine life.
- Dr. Mahendra M. Dixit, President IIC and Dr. V. A. Kulkarni, Principal appreciated the successful conduction of the event


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Glimpses of "Early Stage Entrepreneurship Avenues for Engineers"



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GPS Map Camera



GPS Map Camera



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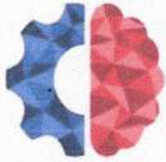


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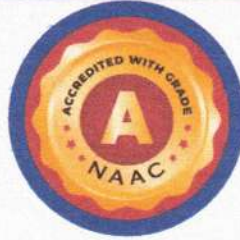
Department of Civil Engineering

Organized

Session on "Lean Start-up & Minimum Viable Product / Business" – Boot Camp



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Visit to CONECC Industries
Pvt Ltd., Dharwad

28th June 2024

SSI UNIT

Director Sri. Neeraj Kumar Choudhary

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CONECC
INDUSTRIES PRIVATE LIMITED

Factory: Sy.No.: 151, Kadanakoppa-Village,
Ugginakeri Post, Dhummavada Hobli,
Kalghatgi Taluk, Dharwad, Karnataka, 581204.
Contact: 93422-38451
GSTIN: 29AAICC4944J1Z8

H.O.: 360/1, 15th Ward, Near Old Ganesh
Gas Godown, Bharathinagar, Amaravathi,
Hosapete-581201, Vijayanagara Dist, Karnataka.
Contact: 08395-223595, 9342238451

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Report on Industry Visit to "Conecc Industry Pvt. Ltd."

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 2 - Quarter IV
Program Driven by	IIC Calendar Activity
Program Type	Level 3 - Boot Camp
Program / Activity Name	Organize Session on "Lean Start-up & Minimum Viable Product / Business"- Boot Camp (or) Mentoring Session
Program Theme	Entrepreneurship and Start-up
Duration of the Activity (In Hrs.)	09 Hrs.
Event Host	CVE and IIC
Resource Person / Guest Speaker	Shri. Amit Metri, Manager, Conecc Industries Pvt. Ltd., Dharwad
Start Date	28 th June 2024
End Date	28 th June 2024
Number of Students Participants	40
Number Faculty Participants	05
Number of External Participants	NIL
Remarks	Visit to construction aggregate and AAC blocks was useful for Students
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">To visit a small scale industry Conecc for understanding the manufacturing process of light weight bricks and AAC blocks
Benefit in terms of Learning / Skill / Knowledge Obtained	Comparing and contrasting theoretical versus real time manufacturing process to understand strength of materials for structural stability.

Following is the brief report of exposure visit:

- Department of Civil Engineering organised a field exposure visit to Connecc Industries Pvt. Ltd. Dharwad on 28th June 2024 as a boot camp activity for Students of 6th Semester.
- Shri. Amit Metri, Manager, Conecc guided Students to understand the significance of the Visit and extended following aspects related to manufacturing process of concrete and AAC blocks.
- Manufacturing Process of Concrete Blocks:
 - *Raw Material Preparation*: The primary materials used are cement, sand, and aggregates. These materials are mixed in specific proportions to achieve the desired strength and durability.
 - *Mixing*: The raw materials are mixed in a concrete mixer to form a homogeneous mixture.
 - *Molding*: The mixture is poured into molds of the desired shape and size. The molds are then vibrated to remove air bubbles and ensure uniformity.
 - *Curing*: The molded blocks are kept in a controlled environment to cure. This process can take several days and involves maintaining the blocks at a specific temperature and humidity to achieve maximum strength.
 - *Drying and Finishing*: After curing, the blocks are dried and may undergo additional finishing processes, such as surface treatment or painting.


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Continued...

- Manufacturing Process of AAC (Autoclaved Aerated Concrete) Blocks:
 - *Raw Material Preparation:* The primary materials include fly ash or sand, cement, lime, gypsum, water, and an expanding agent like aluminum powder.
 - *Mixing:* The raw materials are mixed in a predetermined ratio to form a slurry. Water is added to achieve a uniform consistency.
 - *Pouring and Foaming:* The slurry is poured into molds. The aluminum powder reacts with the alkaline environment, producing hydrogen gas bubbles that cause the slurry to expand and create a cellular structure filled with tiny air pockets.
 - *Pre-Curing:* The molds are left to pre-cure in a controlled environment for several hours. This allows the slurry to set and gain enough strength to be handled.
 - *Cutting:* The semi-solid blocks are removed from the molds and cut into the desired sizes using high-precision cutting machines.
 - *Autoclaving:* The cut blocks are placed in an autoclave, a large pressure chamber, where they are cured under high-pressure steam. This process enhances the blocks' strength and durability.
 - *Quality Control and Packaging:* The finished blocks undergo quality control checks before being packaged and transported to construction sites.
- Both concrete and AAC blocks have their unique advantages and applications in the construction industry. Concrete blocks are known for their strength and durability, while AAC blocks are lightweight, energy-efficient, and provide excellent thermal insulation.
- Mr. Amit also presented his views on benefit of establishing Start-up / Small Scale Business and to achieve minimum viable product especially dealing with light weighted blocks.
- With the above details, Mr. Amit convinced Students on the usage of concrete and AAC blocks along with demonstration process.
- Prof. Harsha Jadhav, Coordinated the exposure visit with the assistance of Dr. Ashik Bellary, Head Department of Civil Engineering.


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Glimpses of Industry Visit to "Conecc Industry Pvt. Ltd."



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Glimpses of Industry Visit to "Conecc Industry Pvt. Ltd."



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IEEE Mangalore Subsection



**VDIT IEEE Student Branch Organises Technical Talk On
"Empowering Women Engineers : From Innovation to
Enterprise"**



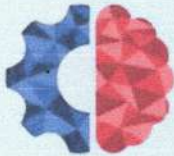
Seminar Hall

By,

Ms. Chetana Sarang
Founder & CEO
Dattamsh Edtech LLP, Belagavi



**18 July 2024
11:00 am Onwards**



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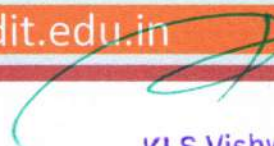
**Session on Angel Investment / Venture Capital
Funding Opportunity for Early Stage
Entrepreneurs
(Women in Engineering)**





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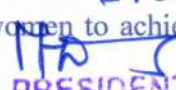
Date: 18.07.2024

Report on "Empowering Women Engineers: from Innovation to Enterprise"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 2 – Quarter IV
Program Driven by	IIC Calendar Activity
Program Type	Level 2 – Seminar
Program / Activity Name	Session on Angel Investment / VC Funding Opportunity for Early-Stage Entrepreneurs.
Program Theme	Entrepreneurship & Start-up
Duration of the Activity (In Hrs.)	05 Hrs.
Event Host	IEEE, E&EE and IIC
Resource Person / Guest Speaker	Ms. Chetana Sarang, Founder & CEO, Dattamsh Edtech LLP, Belagavi
Start Date	18 th July 2024
End Date	18 th July 2024
Number of Students Participants	100+
Number Faculty Participants	20+
Number of External Participants	NIL
Remarks	Empowering women Engineers for shaping career as early stage entrepreneurs
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none"> To orient female Students towards setting up industries by utilizing available opportunities under Women category
Benefit in terms of Learning / Skill / Knowledge Obtained	Students enlightened by gaining knowledge of resource person towards start-ups and to become successful entrepreneur.

A brief report on "*Empowering Women Engineers: from Innovation to Enterprise*"

- The event has been organised by the Department of Electrical & Electronics Engineering and IEEE in association with IIC. The Resource person *Ms. Chetana Sarang, Founder & CEO, Dattamsh Edtech LLP, Belagavi* who described the details of becoming Entrepreneur starting from learning fundamentals to product development and seeking funding from different agencies.
- Empowering women Engineers is crucial for driving innovation and fostering enterprise. Ms. Chetana Sarang presented some key aspects and initiatives that highlight this empowerment:
 - *Diverse Perspectives Drive Innovation:* Women bring unique perspectives to Engineering teams, enhancing creativity and problem-solving. Diverse teams are more likely to develop innovative solutions and drive business success.
 - *Professional Networks and Societies:* Organizations like the Women's Engineering Society (WES) provide support, networking opportunities, and resources for women in Engineering. They aim to inspire women to achieve their potential and promote gender diversity in the Engineering Industry.


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- *Inspirational Role Models*: Highlighting the achievements of successful women Engineers can inspire future generations. Sharing their stories helps break down barriers and encourages more women to pursue careers in STEM fields.
- *Educational Programs and Mentorship*: Programs like Women in Engineering (WIE) at UNSW Sydney focus on inspiring and engaging young women to consider Engineering careers. Mentorship and educational initiatives play a significant role in empowering women Engineers.
- Ms. Sarang also explained in detail on the Angel Investment and Venture Capital (VC) funding which are very crucial for early-stage entrepreneurs looking to scale up their businesses. She highlighted some key points as below:
 - *Angel Investors*: Angel investors are typically high-net-worth individuals who provide financial backing for startups in exchange for equity. They often invest in the early stages of a business, offering not just capital but also mentorship and networking opportunities.
 - *Venture Capital*: Venture Capital firms manage pooled funds from multiple investors to invest in startups with high growth potential. VC funding usually comes in later stages compared to angel investment and often involves larger sums of money.
- *Preparing for Investment*:
 - *Business Plan*: A solid business plan is essential. It should clearly outline business model, market opportunity, and financial projections.
 - *Pitch Deck*: A compelling pitch deck can make a significant difference. It should be concise, visually appealing, and highlight the unique value proposition of business.
 - *Legal Considerations*: Understanding the legal aspects of equity distribution and investor agreements is crucial. Consulting with a legal expert can help navigate these complexities.
- Overall, Ms. Chetana Sarang elaborated each and every detail related to opportunities to female aspirants in all dimensions to set-up early stage start-ups which has been appreciated by the Principal, Dr. V. A. Kulkarni and congratulated entire team of IEEE Students Branch and IIC for hosting such a vibrant activity.


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Glimpses of "Empowering Women Engineers: from Innovation to Enterprise"



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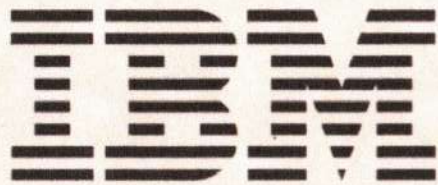
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Department of Electronics & Communication Engg.

Orientation Program on IBM SkillsBuild Platform



**25th June 2024,
7.00 PM to 8.00 PM**



SkillsBuild

Resource Person

Mr. Sachin Kumar Patil

**Assistant Manager, Technology & Innovation
Learning Links Foundation**



**Scan to join through
Microsoft Teams**

**Prof. Suraj Kadli
Coordinator**

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Date: 25.06.2024

Report on "Orientation Program on IBM SkillsBuild Platform"

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 2 – Quarter IV
Program Driven by	IIC Calendar Activity
Program Type	Level 1 – Mentoring Session
Program / Activity Name	Session / Panel discussion with innovation and Start-up Ecosystem Enablers from the Region / State / National Level
Program Theme	Entrepreneurship & Start-up
Duration of the Activity (In Hrs.)	02 Hrs.
Event Host	E&CE and IIC
Resource Person / Guest Speaker	Mr. Sachin Kumar Patil, Asst. Manager, Technology & Innovation Learning Links Foundation, Bangalore
Start Date	25 th June 2024
End Date	25 th June 2024
Number of Students Participants	100
Number Faculty Participants	15
Number of External Participants	NIL
Remarks	A panel discussion on building skills through the use of IBM platform to learn to initiate product development in software domains and coming up with start-up has been successfully conducted.
Mode of Session Delivery	Online
Objectives	<ul style="list-style-type: none">• To teach Students to utilize Online platforms and resources to develop products• To train students to develop sustained startup with resourceful eco system
Benefit in terms of Learning / Skill / Knowledge Obtained	Developing Entrepreneurial skill sets through the use of renowned software industries platforms and mechanism to establish Start-up

A brief report on "Orientation Program on IBM SkillsBuild Platform" is summarised below.

- Department of E&CE in association with IIC organised an Orientation Program on IBM SkillsBuild Platform on 25th June 2024 in Online Mode for the Students of KLS Vdit. Mr. Sachin Kumar Patil, Asst. Manager, Technology & Innovation, Learning Links Foundation, Bangalore was the Resource Person
- Mr. Sachin elaborated how online platforms assist Students aiming towards establishing entrepreneurship as career. Few of the details are as enlisted below.
- There are several online platforms that can help streamline software product development few popular ones which include the following and are not limited to:
 - Onshape: This is a cloud-native CAD and PDM platform that allows for collaborative design and development. It helps eliminate bottlenecks and streamline design collaboration, making it easier to work from anywhere on any device.
 - Figma: Known for its design capabilities, Figma also supports the entire product development process. It brings together brainstorming, design, and development in one platform, facilitating better cross-functional collaboration.

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Continued...

- GitHub: A widely used platform for version control and collaboration, GitHub allows developers to work together on projects from anywhere. It integrates with many other tools and services, making it a versatile choice for software development.
- Jira: This is a powerful tool for project management and issue tracking. It helps teams plan, track, and manage agile software development projects.
- Trello: Known for its simplicity and ease of use, Trello is a visual tool for organizing tasks and projects. It's great for managing workflows and keeping track of progress.
- Slack: While primarily a communication tool, Slack integrates with many development tools and can be used to streamline communication and collaboration within development teams.
- In addition to the above details, Mr. Sachin specifically mentioned few important aspects of IBM SkillsBuild platform as described herewith.
 - Learning and Certification: You can take courses on specific technologies and earn digital credentials. This can help you build a strong foundation in areas like AI, data analytics, and cloud computing.
 - Access to IBM Software: Through IBM SkillsBuild, you can access various IBM software tools that are essential for development. This includes tools for hybrid cloud computing, AI, and more.
 - Project-Based Learning: The platform offers project-based learning opportunities, allowing you to apply what you've learned in real-world scenarios. This hands-on experience is invaluable for developing practical skills.
 - Collaboration and Networking: IBM SkillsBuild also provides opportunities to collaborate with other learners and professionals. This can help you build a network and gain insights from others in the field.
 - Workplace Skills: In addition to technical skills, IBM SkillsBuild offers courses on workplace skills such as Design Thinking, which can help you in the planning and execution of software projects.
- Dr. V. A. Kulkarni appreciated Department of E&CE for having collaborations with Learning Links Foundation, Bangalore and arranging distinguished event for all the Students


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Glimpses of Orientation Program on IBM SkillsBuild Platform

The screenshot displays a Zoom meeting interface. The top section shows a grid of video thumbnails for participants: SURAJ KADLI (Unverified), Nikhil A. Kulkarni (Unverified), Raghavendra Ghodse (Unverified), NIKHIL CH..., Sachin Kumar Patil (Unverified), Sakshi S D (Unverified), and Kolfi Kumar (Unverified). The bottom section shows a larger view of participants: Sachin Kumar Patil, Kolfi Kumar, Raghavendra Ghodse, Sakshi S D, SURAJ KADLI, and Chetan Sarda. The interface includes standard Zoom controls like mute, video, and chat.

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INSTITUTION'S INNOVATION COUNCIL (Ministry of Education, India)

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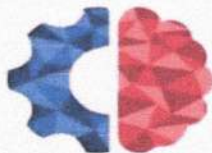
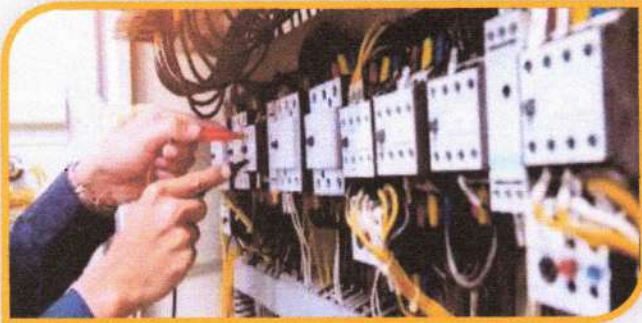
DEPARTMENT OF ELECTRICAL AND ELECTRONICS ENGINEERING

In Association with Institution's Innovation Council

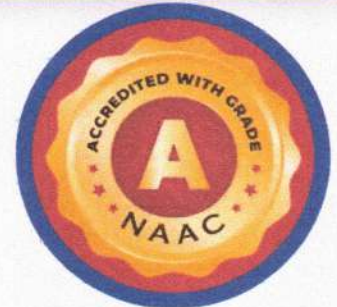
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Session on Career Opportunities in the Field of Electrical Engineering

(Under I&E Outreach Program in Schools / Community)



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Mr. Ravindra S. Motekar
Assistant Professor
E&EE Department
KLS V DIT, Haliyal

**29th June
2024**

:Target Audience:

**Diploma / Polytechnic Students of Maratha Mandal
Polytechnic, Belagavi**

Dr. Mahendra M. Dixit

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Date: 29.06.2024

Report on Session on Career Opportunities in the Field of Electrical Engineering

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 2 – Quarter IV
Program Driven by	IIC Calendar Activity
Program Type	Level 2 – Seminar
Program / Activity Name	Organizing Innovation & Entrepreneurship Outreach Program in Schools / Community
Program Theme	Entrepreneurship & Start-up
Duration of the Activity (In Hrs.)	05 Hrs.
Event Host	E&EE and IIC
Start Date	29 th June 2024
End Date	29 th June 2024
Number of Students Participants	50
Number Faculty Participants	05
Number of External Participants	NIL
Remarks	Institution's representation in outreach program has been conducted to drive polytechnic Students young minds towards Electrical Engineering and its career opportunities
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">To educate Students to know how the Electrical Sciences & Engineering plays a vital role in day to day life.To orient Students about career prospects and benefits of pursuing Electrical Engineering
Benefit in terms of Learning / Skill / Knowledge Obtained	Students admired to understand the tangible and intangible benefits of taking Electrical Engineering as a Profession and thrilled to know avenues for career

Following is the report on **Session on Career Opportunities in the Field of Electrical Engineering**.

- Department of E&EE organized a *Session on Career Opportunities in the Field of Electrical Engineering* on 29th June 2024 for Students of Diploma College held at Maratha Mandala Polytechnic, Belagavi as a part of Outreach program in Schools / Community.
- Prof. Ravindra S. Motekar was the Resource Person represented KLS Vdit in successfully conducting this community outreach initiative.
- Prof. Ravindra explained career opportunities specifically for Diploma graduates and they are as mentioned herewith.
- Aerospace Engineer*: Design and develop aircraft, satellites, and space vehicles. This role includes creating computer-aided designs, supervising construction, and conducting in-flight testing.


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Date: 29.06.2024

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- *Test Engineer*: Work with new and improved products to analyze materials and production procedures. They conduct beta testing, compile reports, and suggest improvements.
- *Computer Engineer*: Focus on building computer devices and systems, including desktop computers, laptops, and satellite navigation systems.
- *Control Systems Engineer*: Design and manage systems that control machinery and processes. This role is crucial in industries like manufacturing and automation.
- *Power Systems Engineer*: Specialize in the generation, transmission, and distribution of electrical power. They work on designing and maintaining power grids and renewable energy systems.
- *Electronics Engineer*: Develop and test electronic systems and components used in various devices, from consumer electronics to industrial machinery.
- *Telecommunications Engineer*: Design and manage systems that transmit data, such as telephone networks, internet systems, and satellite communications.
- *Renewable Energy Engineer*: Focus on developing and implementing renewable energy solutions, such as solar, wind, and hydroelectric power systems.
- Prof. A. V. Kolaki, Head of E&EE Department and Principal appreciated the Social outreach activity organised by IIC and extended gratitude to Maratha Mandal Polytechnic for the opportunity.


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Glimpses of Session on Career Opportunities in the Field of Electrical Engineering




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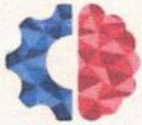
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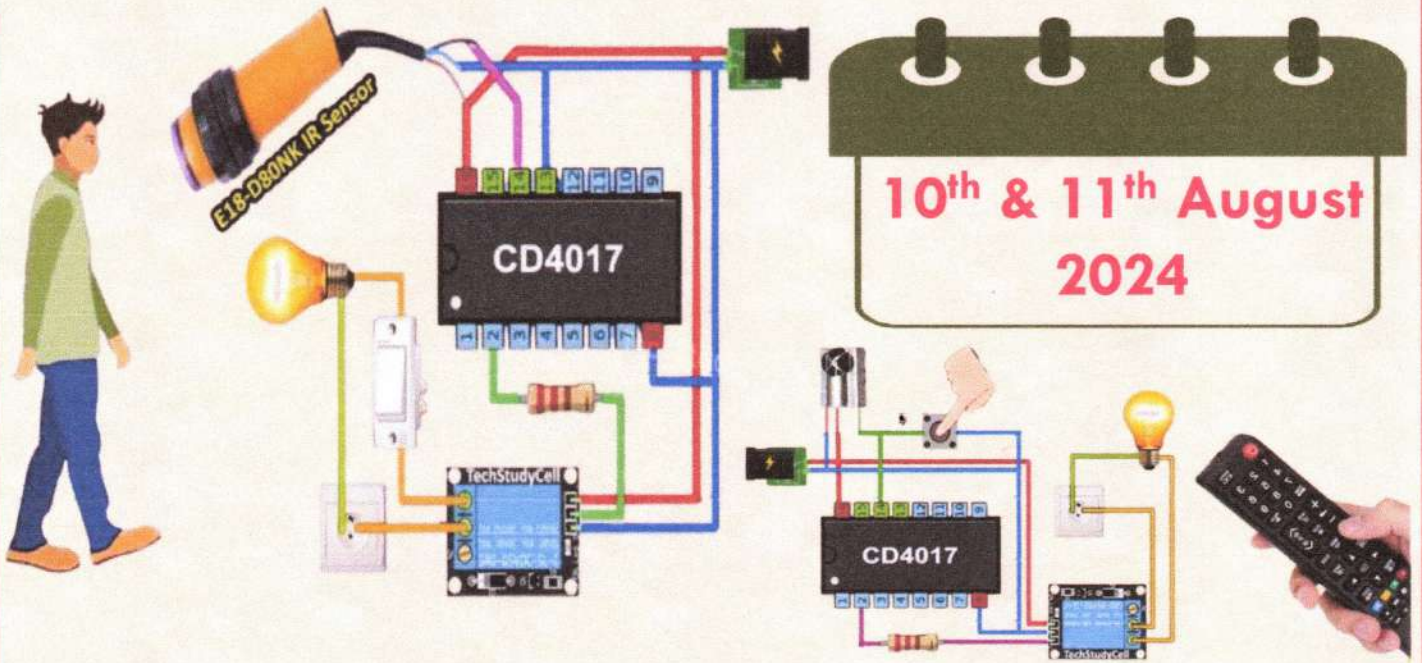
Mini Projects Exhibition & Competition – An Approach towards Start-up (Two Days Intra Institutional Start-up Competition)



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Date: 11.08.2024

Report on Mini Projects Exhibition & Competition – An Approach towards Start-up (Two Days Intra Institutional Start-up Competition)

Academic Year	2023–24 (IIC6.0)
Quarter	Semester 2 – Quarter IV
Program Driven by	IIC Calendar Activity
Program Type	Level 3 – Competitions
Program / Activity Name	Organize an Inter / Intra Institutional Start-up Competition and Reward Best Start-ups.
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	10 Hrs.
Event Host	E&CE and IIC
Event Coordinator	Prof. Raghavendra N. & Prof. Vijayalaxmi K. Dept. of E&CE, KLS VDIT, Haliyal
Start Date	10 th August 2024
End Date	11 th August 2024
Number of Students Participants	135
Number Faculty Participants	20
Number of External Participants	NIL
Remarks	Participation of Students in Project Competition yielded many ideas for start-up and triggered towards small scale entrepreneurship
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">To identify and provide problem definition for conducting Mini-Project to scale towards productTo hold a competition to enable Students towards developing Start-up ecosystem and reward best amongst participation
Benefit in terms of Learning / Skill / Knowledge Obtained	Students exposed to such a diversified activity triggering their minds towards job giver concept than being job seeker

Following is the report on **Mini Projects Exhibition & Competition – An Approach towards Start-up**

- Department of E&CE in association with IIC organised Two Days Intra Institutional Start-up Competition through exhibition of Projects leading to products and successfully rewarded best amongst all the category.
- This competition had several avenues and opened up ideas to Students to select their career as an entrepreneur through Start-up initiatives.
- The projects were conducted as per the ideas listed herewith.
- *Tech Innovations*: Develop a new app, software, or hardware solution that addresses a specific problem.
- *Sustainability Projects*: Create projects focused on renewable energy, waste reduction, or sustainable agriculture.
- *Healthcare Solutions*: Work on projects that improve healthcare delivery, patient monitoring, or medical devices.


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Continued...

- **Social Impact:** Develop initiatives that address social issues like education, poverty, or mental health.
- **AI and Machine Learning:** Create innovative applications using AI and machine learning technologies.
- Key Components of a Rubric are:
 - **Criteria:** The aspects of the project that will be evaluated (e.g., creativity, technical skills, presentation).
 - **Performance Levels:** Descriptions of different levels of achievement for each criterion (e.g., excellent, good, fair, poor).
 - **Descriptors:** Specific descriptions of what each performance level looks like for each criterion.
- The consolidated Analytical rubrics used to identify Best Projects is as illustrated below.

Criteria	Excellent (4)	Good (3)	Fair (2)	Poor (1)
Innovation	Highly innovative and original	Somewhat innovative	Slightly innovative	Not innovative
Technical Skill	Demonstrates high technical proficiency	Demonstrates good technical skills	Demonstrates basic technical skills	Lacks technical skills
Impact	Significant potential impact	Moderate potential impact	Limited potential impact	No clear impact
Presentation	Clear, engaging, and professional	Clear and professional	Somewhat clear and professional	Unclear and unprofessional

- This event became a trend setting activity where more than 30 projects were participated and top 05 Projects have been shortlisted as best amongst exhibited Projects.
- An expert evaluation team further suggested updation to the existing projects and encouraged to complete all the necessary tasks.
- Top teams have been rewarded with motivational books by the authorities.


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Date: 11.08.2024

Glimpses of Mini Projects Exhibition & Competition – An Approach towards Start-up



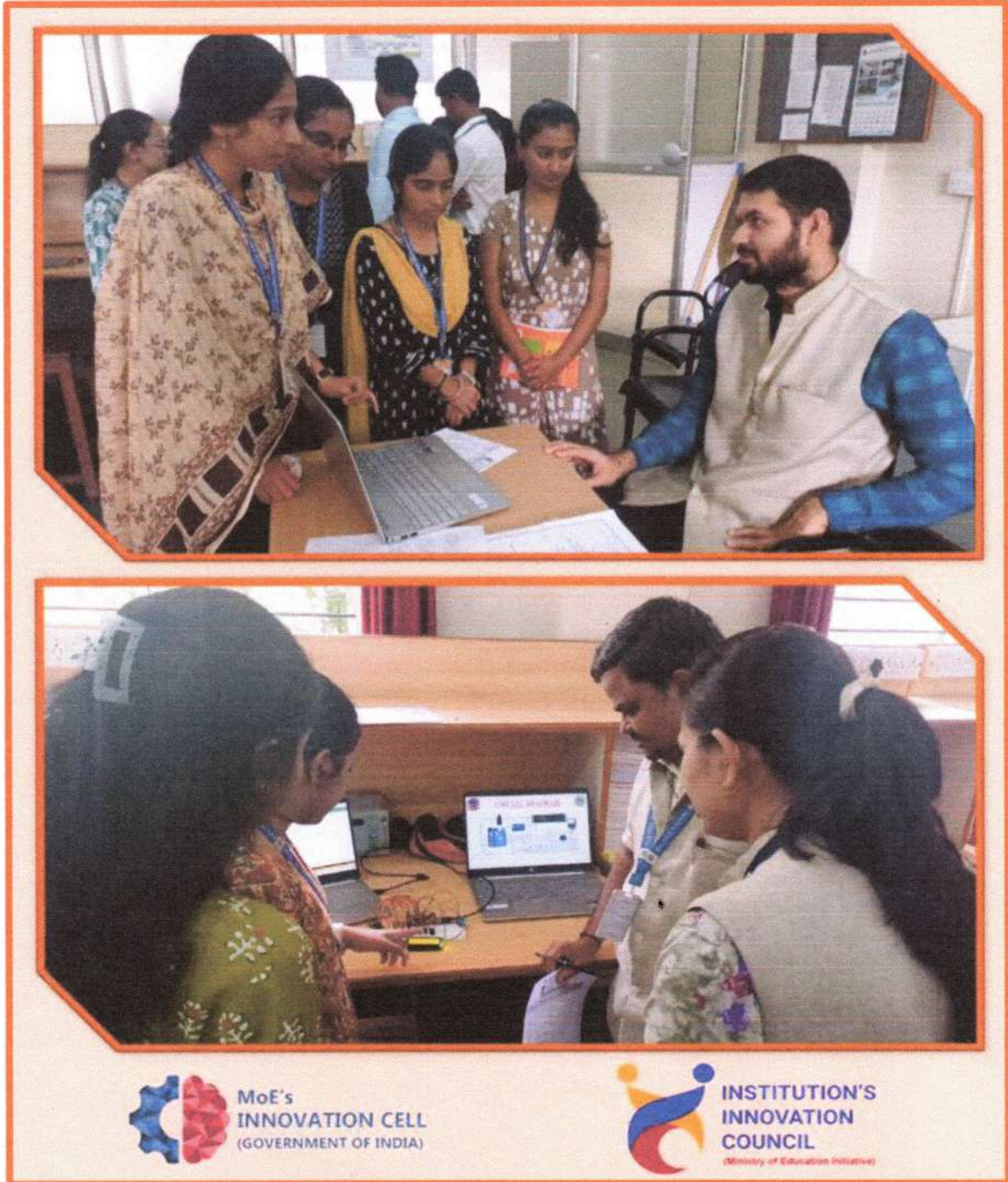
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Date: 11.08.2024

Glimpses of Mini Projects Exhibition & Competition – An Approach towards Start-up



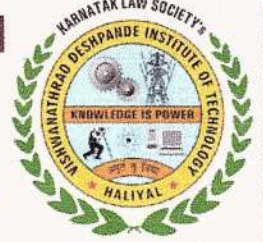
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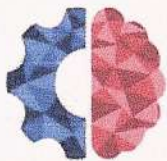
In Association with Institution's Innovation Council

DEPARTMENT OF CSE AND CSE [AI & ML]

Jointly Organized

HACKATHON – AVINYA – 2024

**IIC Theme: Demo Day / Exhibition and Linkage with
Innovation Ambassadors / Experts for Mentorship
Support**



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**Dr. S. A. Sirdeshpande
HoD, CSE**

**Dr. Poornima Raikar
HoD, CSE [AI & ML]**

**Dr. Mahendra M. Dixit
President IIC**

**Dr. V. A. Kulkarni
Principal**

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Date: 15.07.2024

Report on Hackathon – AVINYA – 2024

Academic Year	2023–24 (IIC6.0)
Quarter	Semester 2 – Quarter IV
Program Driven by	IIC Calendar Activity
Program Type	Level 3 – Exhibitions / Demo Day / Competitions
Program / Activity Name	Mentoring Event: Demo Day / Exhibition / Poster Presentation of Innovations / Prototypes & linkage with Innovation Ambassadors / Experts for Mentorship Support.
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	10 Hrs.
Event Host	CSE and IIC
Start Date	15 th July 2024
End Date	15 th July 2024
Number of Students Participants	200
Number Faculty Participants	30
Number of External Participants	NIL
Remarks	Hackathon event comprising of more than Ten Problem Statements has been organised and conducted successfully
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none"> • To orient Students towards finding out solutions in stipulated time • To educate Students to effectively present the completed tasks step wise through adapting coding skills as per the needs and requirements
Benefit in terms of Learning / Skill / Knowledge Obtained	Students undergone a brainstorming evaluation process by external Judges where the implementation of individual tasks was executed by participating teams and gained essential skills

Following is the report on **Hackathon – AVINYA – 2024**.

- Students of KLS VDIT Haliyal participated in *Hackathon – AVINYA – 2024* held on **15th July 2024** organized by Department of CSE and CSE [AI & ML] in association with IIC.
- Coordinators of Hackathon elaborated about the event at the beginning during formal function and few details are as summarized.
- **Hackathon** is an event where people from various backgrounds and skill sets come together to work collaboratively on a Specific Problem or Project, usually within a limited timeframe, such as 24-48 hours. The term "**Hackathon**" is a combination of "**Hack**" (in the sense of exploratory programming) and "**Marathon**".
- **Benefits of Participating in a Hackathon** is as listed.
 - *Skill Development*: Participants can learn new Technologies, Programming Languages, and Tools.
 - *Networking*: Hackathons provide a platform to meet and collaborate with like-minded individuals, industry experts, and potential employers.
 - *Innovation*: The competitive and collaborative environment fosters Creativity and Innovation, leading to the development of novel solutions.

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Date: 15.07.2024

Continued...

- o *Career Opportunities*: Many companies use Hackathons to scout for talent, offering job opportunities or internships to standout participants.
- o *Teamwork*: Working in teams helps participants improve their collaboration and communication skills.
- o *Recognition and Prizes*: Winning teams often receive prizes, recognition, and sometimes even funding for their projects.
- With the above details, the event was inaugurated by the dignitaries and participants were addressed through rules & regulations, essentialities for Hackathon, developing sense of competitiveness for societal remedies to name a few.
- Following were the Jury Members invited for the event.

Sl. No.	Name	Affiliation
1.	Prof. Anand Pashupatimath	Dept. of CS&E, SDMCET, Dharwad
2.	Prof. Uttam Deshpande	Dept. of E&CE, KLS GIT, Belagavi
3.	Mr. Chandrakant Katagi	Full Stack Lead Developer, Cirrus Labs, Pvt. Ltd.
4.	Prof. Sunil Mathad	Dept. of E&CE, SDMCET, Dharwad
5.	Mr. Vinayak Inamdar	Director – Acad sigma, NotionFlow Tech.
6.	Dr. V. S. Rajpurohit	Dept. of CS&E, KLS GIT, Belagavi

- The Themes for the Hackathon Avinya – 2024 were Personalized Study Planner, Virtual Science Lab, Medicine Reminder App, Symptom Tracker, Prescription Interpreter, AI Chat bot, Estimation of Crop yield based on seed quality, Disaster Prediction & Alerting System, and Fail safe implementation of ADAS, not limited to.
- The Hackathon was conducted for Three different rounds and juries given technical challenges to Students step wise and solutions were exhibited.
- After thorough evaluation and review through stringent rubrics by judges teams, the results were declared during valedictory ceremony and cash prize was handed over to Student Teams with Certificates.
- Winners of the Hackathon-Avinya-2024

Prize	Team Leader Name	Team Leader USN	Team Members Name	Problem Statement Selected
I (E&CE)	Mr. Ganesh Poojari	2VD21EC030	Mr. Gourish Koyal Mr. Sanjeevgouda Desai	Speech to text transcription and translation
II (E&CE)	Mr. Rahul Madiwal	2VD22EC408	Mr. Harish R. Savadatti Mr. Darshan Hotgennanavar	Design And Develop An Ai-Powered Chatbot for The Technical Education Department.
III (CS&E)	Mr. Aditya Hegde	2VD22CS004	Mr. Sanjay Hegde Ms. Ameena Shaikh Ms. Tuba Meraj	Career Path Recommended Designing

- The Institution's Innovation Council hosted the Mega event Avinya – 2024 in coordination with CSE & CSE [AI & ML] Departments which became a preparatory event towards Smart India Hackathon (SIH-2024) which will be organised by MoE, AICTE.

Principal expressed gratitude for successfully conducting the prime event at KLS Vdit.

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Glimpses of Hackathon – AVINYA – 2024



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Date: 15.07.2024

Glimpses of Hackathon – AVINYA – 2024




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Date: 15.07.2024

Glimpses of Hackathon – AVINYA – 2024



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Date: 15.07.2024

Glimpses of Hackathon – AVINYA – 2024



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ECO CLUB KLS Vdit

REGARD BEFORE YOU DISCARD

BEST OUT OF WASTE COMPETITION

To disseminate awareness among students



Lets join

Venue:
Chemistry Lab

Win Attractive Prizes

- Team of Two members
- Identify waste and make it useful Product
- Also Use your vocal skill to present it.

World Environment Day

June 5th 2024

Land Restoration, Desertification and Drought Resilience



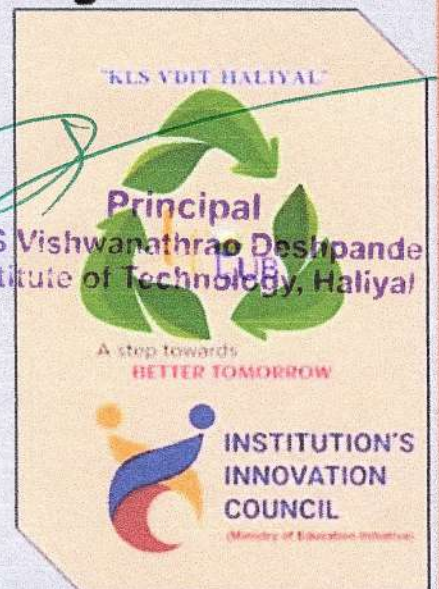
Tree Plantation

M.A. Akki
 PRESIDENT,
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For more Information
Contact

Student Coordinator:
Mr. Sujal Akki
8296991469

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A step towards
BETTER TOMORROW



INSTITUTION'S
INNOVATION
COUNCIL

(Ministry of Education, India)



Date: 05.06.2024

Report on Celebration of World Environment Day

Academic Year	2023–24 (IIC6.0)
Quarter	Semester 2 – Quarter IV
Program Driven by	IIC Celebration Activity
Program Type	Level 3 – Workshop / Boot Camp / Competition
Program / Activity Name	World Environment Day – 5 th June
Program Theme	IPR & Technology Transfer
Duration of the Activity (In Hrs.)	09 Hrs.
Event Host	ECO Club and IIC
Event Coordinators	Prof. Laxmi H. and Dr. Sneha Kulkarni
Start Date	5 th June 2024
End Date	5 th June 2024
Number of Students Participants	50
Number Faculty Participants	10
Number of External Participants	NIL
Remarks	Celebration of World Environment Day has been successfully carried out through Tree Plantation and an Unique competition Best out of Waste for Students
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none"> To create awareness about the environment and propagate the theme of recycle, reduce and reuse for better and healthy surroundings. To conduct events by planting trees and organize competition to create best out of waste.
Benefit in terms of Learning / Skill / Knowledge Obtained	Students understood the importance of Tree Plantation and to design a product out of waste by imbibing a concept of recycle, reduce and reuse.

A brief report on *Celebration of World Environment Day* is as summarised below.

- ECO Club of KLS Vdit in association with IIC organised Two important events namely *Tree Plantation* and *Best Out of Waste* in view of *World Environment Day* on *5th June 2024* at Institute premises.
- Before the start of the events Students were orientated on importance of World Environment Day and few aspects were as narrated below.
- World Environment Day, celebrated annually on June 5th, is a global event aimed at raising awareness and encouraging action for the protection of our environment.
- Significance of World Environment Day:
 - Raising Awareness*: It highlights critical environmental issues such as pollution, biodiversity loss, and climate change, bringing them to the forefront of global attention.
 - Encouraging Action*: The day motivates individuals, communities, and governments to take concrete steps towards environmental conservation and sustainability.
 - Global Participation*: With participation from over many countries, it fosters a sense of global unity and collective responsibility towards the environment.

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Date: 05.06.2024

Continued...

- *Policy Influence*: It serves as a platform for influencing environmental policy and encouraging governments to adopt sustainable practices.
- *Educational Opportunities*: The day provides educational opportunities, helping people understand the importance of environmental protection and how they can contribute.
- Amongst the Two events hosted by ECO club and IIC, the First Event was to orient Students on the importance of curbing deforestation and planting trees in the form of compensation.
- The second event was to conduct a competition where in Students have to identify the available waste materials in & around their locality and convert into a product of great use. More than 05 teams participated in the competition and 03 Best such products were identified, rewarded accordingly.
- The products were Lamp & Fan made through waste Plastic Bottles, Household utility decorative items through Waste Papers and Dry Grass / Coconut Pit based Hut.
- The summary of results of competition is as enlisted below.

Prize	Team Members	USN	Project / Product Title
I	Ms. Sejal N. Ms. Sanjana D.	2VD23EE040 2VD23CI045	Lamp & Fan made through waste Plastic Bottles
II	Ms. Sanika Ms. Shivani	2VD21EE019 2VD21EE021	Household utility decorative items through Waste Papers
III	Ms. Nakshatra D. Ms. Sanjana H.	2VD23CS033 2VD23CS061	Dry Grass / Coconut Pit based Hut

- The event yielded plenty of motivation amongst Students about Tree Plantation and Best Out of Waste competition and coordinators of the events received appreciation from the Head of the Institution for conducting a diversified set of activities worth celebrating World Environmental Day.
- The President IIC reported all the above mentioned matters and expressed best wishes to all the active participants.


Principal
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Dr. Mahendra M. Dixit,
President IIC,
Prof. & Head (E&CE),
KLS VDI, Haliyal.
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Date: 05.06.2024

Glimpses of Celebration of World Environment Day



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Date: 05.06.2024

Glimpses of Celebration of World Environment Day



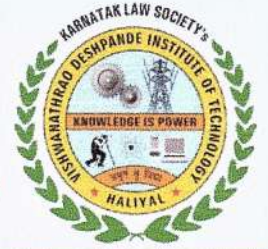
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In Association with Institution's Innovation Council

Presents

Orientation Program on Principles of Electronic and Communication Systems (4th Anniversary of NEP 2020 – 29th July)



Ministry of Education's
INNOVATION CELL
GOVERNMENT OF INDIA



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)



:Resource Persons:



Prof. Rohini K.
Dept. of E&CE,
KLS V D I T, Haliyal

Theory
to
Practical

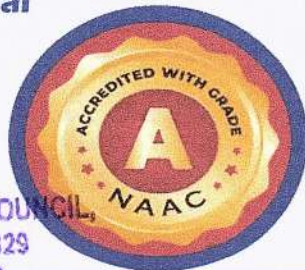
ज्ञान भारं क्रिया विना

Knowledge is burden without work



Prof. Suraj Kadli
Dept. of E&CE,
KLS V D I T, Haliyal


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Dr. V. A. Kulkarni
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Date: 05.08.2024

Report on Orientation Program on Principles of Electronic and Communication Systems

Academic Year	2023–24 (IIC6.0)
Quarter	Semester 2 – Quarter IV
Program Driven by	IIC Celebration Activity
Program Type	Level 2 – Seminar
Program / Activity Name	4 th Anniversary of National Education Policy (NEP) 2020 – 29 th July
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	05 Hrs.
Event Host	E&CE and IIC
Resource Person / Guest Speaker	Prof. Rohini. K, and Prof. Suraj Kadli, Dept. of E&CE
Start Date	5 th August 2024
End Date	5 th August 2024
Number of Students Participants	130
Number Faculty Participants	15
Number of External Participants	NIL
Remarks	Students undergone brainstorming Orientation Program on Principles of Electronic and Communication Systems
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none"> To teach Students about the integral and essential components of E&CE and Principles of Communication Systems in particular To educate Students about the possibilities of using software platforms to execute Communication Theory and Control System concepts
Benefit in terms of Learning / Skill / Knowledge Obtained	Students learnt to co-relate theory and practice in the form of Skill Development in-line with NEP 2020 scheme

Following is the brief Report on *Orientation Program on Principles of Electronic and Communication Systems* organised by Dept. of E&CE and IIC on *5th August 2024*. In view of 4th Anniversary of *National Education Policy (NEP) 2020* (29th July).

- Prof. Rohini. K, and Prof. Suraj Kadli of Dept. of E&CE conducted One Day Orientation Program and provided the following to Students.
- Control systems are crucial in various applications, from household appliances to industrial machinery.
- Sensors: Function - Detect physical quantities like temperature, pressure, or position and convert them into electrical signals. Example: A temperature sensor in an air conditioning system.
- Controllers: Function - Process the signals received from sensors and generate control signals to achieve the desired output. Example: A thermostat that adjusts the heating or cooling based on the temperature sensor's input.

Actuators: Function - Execute the control signals from the controller to perform a physical action. Example: A motor that adjusts the position of a valve in a heating system.

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Date: 05.08.2024

Continued...

- Feedback Mechanism: Function: Continuously monitor the output and compare it with the desired set point, making necessary adjustments to minimize errors. Example: The feedback loop in a cruise control system that adjusts the car's speed.
- Types of Control Systems:
 - Open-Loop Systems: Operate without feedback, relying solely on the input signal. Example: A washing machine that runs for a set time regardless of the cleanliness of the clothes.
 - Closed-Loop Systems: Use feedback to adjust the input based on the output. Example: An automatic air conditioner that adjusts cooling based on room temperature
- The Principles of Electronic and Communication Systems cover the fundamental concepts and technologies used in the field of electronic communications.
- *Transmission and Reception*: Information is transmitted from a sender to a receiver through various mediums such as cables, air, or optical fibers. This involves modulation and demodulation techniques to encode and decode the information.
- *Analog and Digital Signals*: Communication systems can use analog signals, which vary continuously, or digital signals, which use discrete values. Digital communication is more prevalent due to its robustness and efficiency.
- *Modulation Techniques*: Modulation involves varying a carrier signal to transmit data. Common techniques include Amplitude Modulation (AM), Frequency Modulation (FM), and Phase Modulation (PM).
- *Noise and Interference*: Communication systems must deal with noise and interference, which can distort the signal. Techniques like error detection and correction are used to mitigate these issues.
- *Networking*: Modern communication systems often involve networks, such as local area networks (LANs) and wide area networks (WANs), to connect multiple devices and facilitate data exchange.
- *Wireless Communication*: This includes technologies like Wi-Fi, Bluetooth, and cellular networks, which allow for communication without physical connections.
- Students undergone brainstorming Orientation Program on Principles of Electronic and Communication Systems.
- Resource Persons narrated all the above details in addition to the experiments related to Control Systems such as stability analysis of Closed Loop Systems, importance of Nyquist & Bode plots, significance of Laplace Transforms & Lemmas through real time engineering concepts and covered few topics on Communication through AM, FM, PM Modulations & Demodulation schemes, calculation of various parameters such as Modulation Index, expression for AM / FM / PM and evaluation and dealt by using Octave software platform. Although sessions were conducted for a short duration of time, it was addressed with all the necessary subject perspective details.
- Students learnt to co-relate theory and practice in the form of Skill Development in-line with NEP 2020 scheme.

• Dr. Mahendra M. Dixit, President IIC and Dr. V. A. Kulkarni, Principal appreciated efforts taken by Dept. of E&CE for organizing such Orientation Programs

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Glimpses of Orientation Program on Principles of Electronic and Communication Systems



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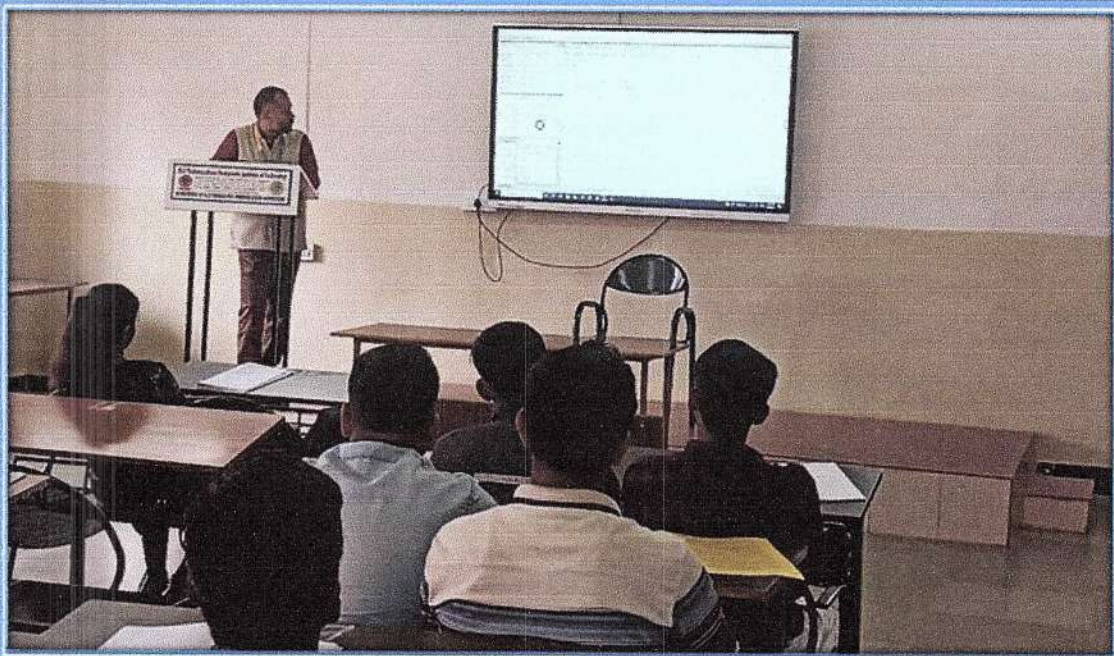
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Glimpses of Orientation Program on Principles of Electronic and Communication Systems




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2004



23 August
NATIONAL SPACE DAY

Celebration of
"NATIONAL SPACE DAY"

23rd August



"INDEPENDENCE DAY"

15th August

**PENCIL SKETCH & PAINTING
COMPETITION & EXHIBITION**

**For
Students &
Staff**

Theme

**Touching Lives While Touching
The Moon: India's Space Saga**



Registration Link:



Prof. Pooja Shindhe – 9353988748

Prof. Sheetal M. – 9535998588

Event Coordinators



Prof. Deepak Sharma

Prof. Suraj Kadli

Chief – Coordinators

Dr. Mahendra M. Dixit

President, IIC

Prof. & Head (E&CE)

Dr. V. A. Kulkarni

Principal

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23 August
NATIONAL SPACE DAY

Celebration of
"NATIONAL SPACE DAY"

23rd August



"INDEPENDENCE DAY"

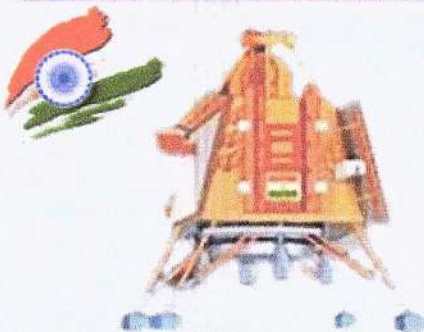
15th August

**TECHNICAL
QUIZ ON**

**SPACE RESEARCH INNOVATION,
TECHNOLOGY & ITS APPLICATION**

**Touching Lives While Touching The Moon:
India's Space Saga**

Theme



**13th August 2024
7:30 PM**



Registration Link:



Handwritten signature
PRESIDENT,

Prof. Pavitra M. B - 8904017520

Prof. Anita M. H - 7619141961

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Event Coordinators



**Prof. Deepak Sharma
Prof. Suraj Kadli
Chief - Coordinators**

**Dr. Mahendra M. Dixit
President, IIC
Prof. & Head (ES&E)**

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**Dr. V. A. Kulkarni
Principal
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Date: 15.08.2024

Report on Celebration of Independence Day – Celebrating Aazadi Ka Amritkal

Academic Year	2023–24 (IIC6.0)
Quarter	Semester 2 – Quarter IV
Program Driven by	IIC Celebration Activity
Program Type	Level 3 – Exhibitions / Competitions
Program / Activity Name	Independence Day- Celebrating Aazadi Ka Amritkal – 15 th August
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	15 Hrs.
Event Host	NSS, IIC & ISRO Nodal Centre
Event Coordinators	Prof. Deepak Sharma, Prof. Suraj Kadli Prof. Pooja C. Shindhe, Prof. Sheetal N. Prof. Pavitra B., Prof. Anita H. Department of E&CE, KLS VEDIT, Haliyal
Start Date	14 th August 2024
End Date	15 th August 2024
Number of Students Participants	50
Number Faculty Participants	20
Number of External Participants	NIL
Remarks	Celebration of 78 th Independence Day (15 th August 2024) and First National Space Day (in view of NSD 2024, 23 rd August 2024) Pencil Sketch, Painting Competition and a Technical Quiz on Space Research was conducted successfully.
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none"> To celebrate 02 important and significant days of our proud Nation To Motivate Students to participate in co-curricular and extra-curricular activities of the Institute
Benefit in terms of Learning / Skill / Knowledge Obtained	Students understood to showcase patriotism towards Nation through theme based Pencil Sketch, Painting and learnt fundamentals of Space Science and Technology through Technical Quiz.

A brief report on **Celebration of “Independence Day – Celebrating Aazadi Ka Amritkal”** is as summarised below.

- Celebration of **78th Independence Day** of India was successfully carried out through tagging of one more National important celebration Day “**National Space Day**” initiated by Govt. of India and ISRO. The following is the brief summary of National Space Day and celebration of Independence Day held at KLS VEDIT Haliyal.
- **Importance of National Space Day:**
- National Space Day in India is celebrated on August 23rd to commemorate the successful landing of Chandrayaan-3 on the Moon. This historic event took place on August 23, 2023, making India the fourth country to land on the Moon and the first to land near its southern polar region. The day was officially declared by Prime Minister Narendra Modi to honor this significant achievement.

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15.08.2024


Continued...

- The First National Space Day was celebrated in 2024 with a theme of "*Touching Lives while Touching the Moon: India's Space Saga*". The celebrations included a month-long campaign showcasing India's space missions and inspiring the youth. A grand two-day event at Bharat Mandapam featured high-profile sessions, interactive exhibitions, and significant announcements related to India's space achievements.
- Additionally, the "*Space on Wheels*" initiative involved mobile exhibition buses traveling to various universities and colleges to disseminate information about ISRO's activities and India's space missions. This initiative aimed to enhance public understanding of space science and foster greater interest in space exploration.
- **Events in view of celebrations:**
- Two prime events on this auspicious occasion have been scheduled; the first event entitled "*Pencil Sketch & Painting Competition & Exhibition*", second event entitled "*Space Research Innovation, Technology & Its Application*".
- For the first event, around 20 Students participants submitted their Pencil Sketch / Painting Portraits by showcasing their art through depiction of Innovative Space Technologies, efforts of ISRO towards Chandrayana-3 and Minute attributes of Space Research making Nation Proud. All the Canvass have been exhibited during the celebration of Independence Day.
- For the second event, around 30 Students participants took part in Technical Quiz which was scheduled for the duration of 30 Minutes attaining knowledge of Space Research. The Quiz containing questions on Basics of Space Research and few elementary concepts of Chandrayana-3 and specifically information on the activities of ISRO.
- Based on several significance criteria, the Winners of the competitions were announced and rewarded with Certificate of Honor during the formal function of the Independence Day

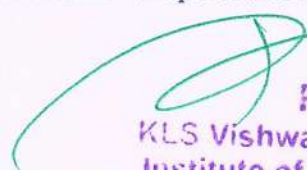
Pencil Sketch & Painting Competition and Exhibition		
Prize	Branch	Name
I	E&CE	Mr. Siddharth D. – 2VD22EC104
II	E&CE	Mr. Abhay S. G. – 2VD23EC002
III	CVE	Abdul R. – 2VD23CV400

Quiz on "Space Research Innovation, Technology & Its Application"		
Prize	Branch	Name
I	E&CE	Ms. Tahira H. Shaikh – 2VD21EC110
I	E&EE	Mr. Vinay N. K. – 2VD22EE048
II	E&CE	Ms. Megha Shindhe – 2VD21EC047

- All the above mentioned activities have been successfully organised and conducted by NSS wing, IIC and ISRO Nodal Centre of KLS VDIT, Haliyal, which has been appreciated by all the Students and Faculty Members and same is reported herewith.


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Date: 15.08.2024

Glimpses of Celebration of Independence Day – Celebrating Aazadi Ka Amritkal



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Glimpses of Celebration of Independence Day – Celebrating Aazadi Ka Amritkal



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Glimpses of Celebration of Independence Day – Celebrating Aazadi Ka Amritkal



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Date: 15.08.2024

Glimpses of Celebration of Independence Day – Celebrating Aazadi Ka Amritkal



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Institute of Technology, Haliyal



Date: 15.08.2024

Glimpses of Celebration of Independence Day – Celebrating Aazadi Ka Amritkal

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Certificate of Merit

This is to certify that Mr. / Ms. Taylma H. Shaikh of E4CE Department bearing USN: 2VD21EC110 has Secured I Place in TECHNICAL QUIZ ON SPACE RESEARCH INNOVATION, TECHNOLOGY AND ITS APPLICATION organised by Department of Electronics and Communication Engineering in association with Institution's Innovation Council (IC) and ISRO Nodal Centre on 13th August 2024.

Dr. Mahendra M. Dixit
Prof. & Head (E&CE)
President, IC

Dr. V. A. Kulkarni
Principal

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This is to certify that Mr. / Ms. Vinay K. Kalappanavar of E4CE Department bearing USN: 2VD22EC042 has Secured II Place in TECHNICAL QUIZ ON SPACE RESEARCH INNOVATION, TECHNOLOGY AND ITS APPLICATION organised by Department of Electronics and Communication Engineering in association with Institution's Innovation Council (IC) and ISRO Nodal Centre on 13th August 2024.

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President, IC

Dr. V. A. Kulkarni
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NATIONAL SPACE DAY

Certificate of Merit

This is to certify that Mr. / Ms. Megha Eklode of E4CE Department bearing USN: 2VD21EC047 has Secured III Place in TECHNICAL QUIZ ON SPACE RESEARCH INNOVATION, TECHNOLOGY AND ITS APPLICATION organised by Department of Electronics and Communication Engineering in association with Institution's Innovation Council (IC) and ISRO Nodal Centre on 13th August 2024.

Dr. Mahendra M. Dixit
Prof. & Head (E&CE)
President, IC

Dr. V. A. Kulkarni
Principal

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PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
KLS V D I T, HALIYAL -581329
IIC CODE: IC202218479

Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal



KLS V D I T

Haliyal, Uttara Kannada Dist. Karnataka – 581329

Transforming Through Technology



All our proud 2024 Batch Graduates
are cordially invited for the event



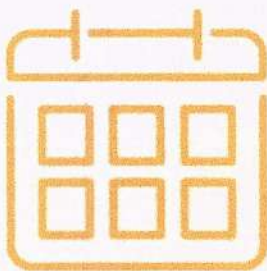
INSTITUTION'S
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(Ministry of Education Initiative)



Graduation

2024 Graduated Students

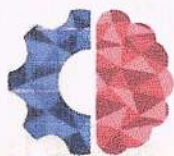
Day



24th
August
2024



11 a.m.
onwards



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In View of Celebration of
WORLD ENTREPRENEUR'S DAY (21st August)

MAI
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INSTITUTION'S INNOVATION COUNCIL,
KLS V D I T, HALIYAL - 581329
UGC CODE: IC202218479

Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

KLS Vishwanathrao Deshpande Institute of Technology



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Date: 24.08.2024

Report on Celebration of World Entrepreneur's Day

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 2 - Quarter IV
Program Driven by	IIC Celebration Activity
Program Type	Level 2 - Conference
Program / Activity Name	World Entrepreneur's Day - 21 st August
Program Theme	Entrepreneurship & Start-up
Duration of the Activity (In Hrs.)	08 Hrs.
Event Host	IIC
Resource Person / Guest Speaker	Chief Guest: Dr. Manjunath Ghate, Director, Dharwad Campus, NFSU Guest of Honour: Shri. H. S. Hallikeri, Director, Arctictern Solutions, Bangalore President: Shri Vinayak Lokur, Chairman, GC, KLS VDIT
Start Date	24 th August 2024
End Date	24 th August 2024
Number of Students Participants	300
Number Faculty Participants	80
Number of External Participants	NIL
Remarks	Graduation Ceremony 2024 has been celebrated in view of World Entrepreneurs Day
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">• To handover Convocation Certificates to Graduates of Batch 2020 to 2024.• To sow seed of I&E in minds of Young Engineers to take up Entrepreneurship as First Career option.
Benefit in terms of Learning / Skill / Knowledge Obtained	Graduates learnt variety of avenues for taking up Entrepreneurship as Profession while receiving Convocation.

Following is the brief report on **Celebration Convocation Ceremony in view of World Entrepreneur's Day.**

- A month long preparations to organize Convocation Ceremony has yielded a grand celebration of World Entrepreneur's Day held on 24th August 2024 for which IIC President Dr. Mahendra M. Dixit was the Chief Coordinator.
- **Chief Guest: Dr. Manjunath Ghate, Director,** National Forensic Sciences University Dharwad Campus addressed Students on opportunities in the field of Cyber Security and Cyber Crime Investigations, applications of Engineering in Forensic Science, transforming inter domain challenges yielding better solutions to the societal matters.
- Dr. Manjunath mostly focused his speech towards converting Graduates into Young Entrepreneurs and narrated several avenues where assistance of NFSU is extended for such Nobel cause
- Dr. Ghate presented several unique successful Entrepreneurs profile presently leading I&E and insisted Graduates to follow the footsteps of such Young Job givers.

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Date: 24.08.2024

Continued...

- **Guest of Honour: Shri. H. S. Hallikeri, Director**, Arctictern Solutions, Bangalore opined that Graduates shall take risk of setting up a Start-up at early career time, where foundation in industries irrespective of domains will be strengthened and will be an experiential component to foresee the future to take decision at appropriate times.
- Mr. Hallikeri shared his rich experience of being a successful Entrepreneur where Graduates of this era have plenty choices compared to earlier Engineers and work smartly towards setting up Start-up at economically inexpensive cost.
- He also expressed that Graduates of KLS VEDIT are more vibrant, punctual, sincere and smart enough to learn technologies in changing time as witnessed in campus interviews and internships programs floated by Arctictern Solutions, Bangalore and shared happiness for training Students at KLS VEDIT and extended gratitude to all the eminent teachers.
- **President: Shri Vinayak Lokur, Chairman**, GC, KLS VEDIT hearty congratulated all the Parents & Students for this special endeavor where Students have made their Parents feel proud.
- Shri Lokur also being a successful Entrepreneur in the field of Mechanical Engineering elaborated availability of opportunities in multi-disciplined Engineering domains in and around the State and becoming a trend setting for Young Graduates as Entrepreneurs.
- Shri Vinayak also described the possible challenges and difficulties that may incur during industry set-up and provided few tricks & tips to Students on this occasion.
- Dr. V. A. Kulkarni, Principal explained the reasons for celebrating World Entrepreneur's Day and addressed the gathering with the following details.
- World Entrepreneurs' Day is celebrated annually on August 21st. This day is dedicated to recognizing and appreciating the contributions of entrepreneurs around the globe. Entrepreneurs drive innovation, create jobs, and play a significant role in economic development.
- Principal suggested Students to assist the Country in making Economically Stronger and Technologically advanced amongst developed Countries.
- Dr. Mahendra M. Dixit, President IIC, Prof. & Head, Dept. of E&CE has appreciated the Students of batch 2020-2024 for the efforts made towards completing the Courses, Internship programs etc... as per the norms of the University and Institute.


Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal


Dr. Mahendra M. Dixit,
President IIC,
Prof. & Head (E&CE),
KLS VEDIT, Haliyal.
PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
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IIC CODE: IC202218479

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Date: 24.08.2024

Glimpses of Celebration of World Entrepreneurs Day



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Principal
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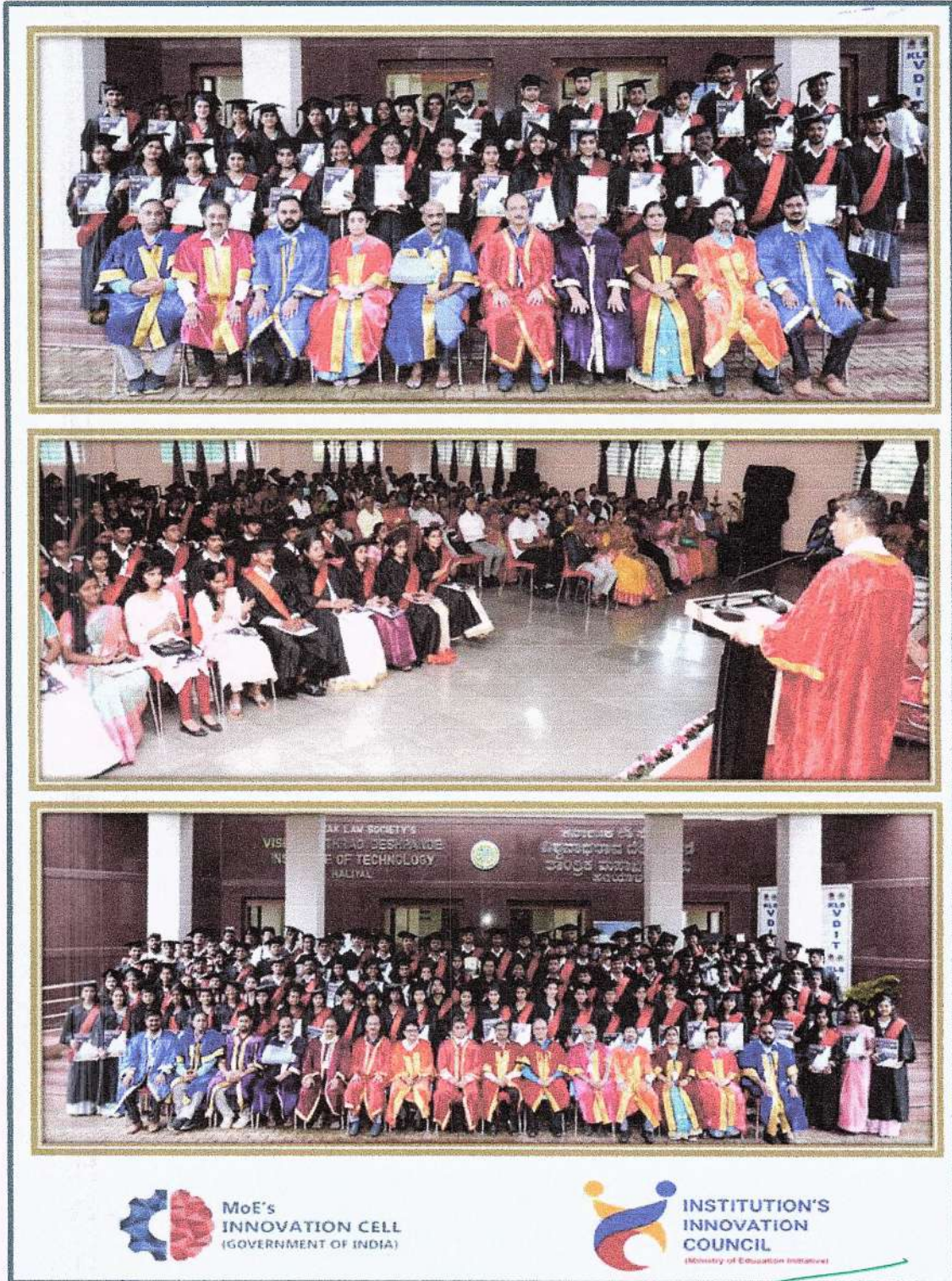


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Date: 24.08.2024

Glimpses of Celebration of World Entrepreneurs Day



M.A.S.
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Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal



Date: 22.08.2024

Report on Online Review Meeting on National Space Day Celebrations

Academic Year	2023-24 (IIC6.0)
Quarter	Semester 2 – Quarter IV
Program Driven by	IIC Self Driven Activity
Program Type	Level 1 – Mentoring Session
Program / Activity Name	Online Review Meeting on National Space Day Celebrations
Program Theme	Innovation & Design Thinking
Duration of the Activity (In Hrs.)	02 Hrs.
Event Host	E&CE and IIC
Innovation Ambassador	Prof. Deepak Sharma, KLS VEDIT
Start Date	22 nd August 2024
End Date	22 nd August 2024
Number of Students Participants	NIL
Number Faculty Participants	02
Number of External Participants (If Any)	900+
Remarks	As per the advisory of UGC, KLS VEDIT successfully organized the events for National Space Day celebration.
Mode of Session Delivery	Online
Objectives	• To review the comprehensive participation of the Institutes in the celebration of First National Space Day
Benefit in terms of Learning / Skill / Knowledge Obtained	Meeting helped the UGC Authorities to assess the preparedness of the Institutes during the celebration of First National Space Day

A brief report on Online Review Meeting on National Space Day Celebrations is as summarised below.

- An online meeting was organized by the UGC regarding organisation of various activities to commemorate the first National Space Day on 23rd August.
- Dr. Mahendra M. Dixit, Nodal Coordinator, ISRO Nodal Center, KLS VEDIT Haliyal represented the Institute in the meeting.
- Dr. Dixit updated about the activities organized at KLS VEDIT Haliyal, which are as follows
Pencil Sketch & Painting Competition & Exhibition, Technical Quiz: Touching Lives while Touching the Moon: India's Space Saga
- Also KLS VEDIT Successfully completed START – 2024 (Space Science & Technology Awareness Training) in the month of April.
- The Meeting organisers appreciated the efforts taken by the KLS VEDIT for its active participation and involvement throughout the events.


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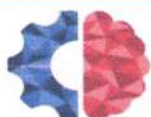
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Date: 22.08.2024

Glimpses of Online Review Meeting on National Space Day Celebrations



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M. S. S.



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**DEPARTMENT OF
ELECTRICAL AND ELECTRONICS ENGINEERING**



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**ELEVATING RESEARCH QUALITY FOR UG
STUDENTS: ETHICAL STANDARDS &
EFFECTIVE LITERATURE REVIEWS**

PROF. VARAPRASAD GAOKAR
Dept. of E&EE,
IQAC COORDINATOR, KLS V D I T



**INSTITUTION'S
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(Ministry of Education Initiative)



**26TH JUNE 2024
ROOM NO. 5A**

www.klsvdit.edu.in



Date: 26.06.2024

Report on “Elevating Research Quality for UG Students: Ethical Standards and Effective Literature Reviews”

Academic Year	2023–24 (IIC6.0)
Quarter	Semester 2 – Quarter IV
Program Driven by	IIC Self Driven Activity
Program Type	Level 2 – Seminar
Program / Activity Name	Elevating Research Quality for UG Students: Ethical Standards and Effective Literature Reviews
Program Theme	IPR & Technology Transfer
Duration of the Activity (In Hrs.)	05 Hrs.
Event Host	E&EE and IIC
Resource Person / Guest Speaker	Resource Person: Prof. Varaprasad Gaonkar, Dept. of E&EE, IQAC Coordinator, KLS VEDIT, Haliyal
Start Date	26 th June 2024
End Date	26 th June 2024
Number of Students Participants	25
Number Faculty Participants	05
Number of External Participants	NIL
Remarks	Imbibing Research Culture by Students to take up trending topics for Projects and improving writing skills through literature
Mode of Session Delivery	Offline
Objectives	<ul style="list-style-type: none">• To educate Students about fundamentals of Research and Literature Review for improving Projects quality.• To enforce Research culture for providing solutions to challenges of real time.
Benefit in terms of Learning / Skill / Knowledge Obtained	Students understood the benefits of conducting experiments through Research culture through ethical standards and effective literature review.

Following is the brief report on **Elevating Research Quality for UG Students: Ethical Standards and Effective Literature Reviews**. Event was hosted by Department of E&EE and IIC on 26th June 2024 to the interested Students of Circuit branches.

- Prof. Varaprasad Gaonkar took an initiative of organizing this important event for interested Students of Circuit branches and explained the following aspects with respect to conducting and elevating Research Quality.
- Elevating research quality is all about building bridges between ideas, evidence, and innovation. It means setting higher standards in methodology, ethical conduct, and data analysis, while also pushing forward the frontiers of knowledge. Think about open science, peer collaborations, or embracing reproducibility.
- A well-conducted literature review is a cornerstone of high-quality research.
- It helps to understand the current state of knowledge, identify gaps, and build a strong foundation for study.



Date: 26.06.2024

Continued...

- Here are few key steps to elevate research quality through a literature review along with additional key points related to the topic:
 - **Comprehensive Search:** Use multiple databases and keywords to find relevant literature. This ensures you're not missing any critical studies.
 - **Critical Evaluation:** Assess the quality and relevance of each source. Look for methodological rigor, sample size, and the impact of the findings.
 - **Synthesis and Analysis:** Don't just summarize; analyze and synthesize the findings to identify patterns, themes, and gaps in the research.
 - **Theoretical Framework:** Use the literature to build or refine your theoretical framework, guiding your research questions and methodology.
 - **Contextualization:** Place your research within the broader context of existing literature, highlighting how your study contributes to the field.
- **Using AI Tools for Generating Project Ideas**
- **Utilizing Google Scholar for Finding Reliable Literature**
- **AI Tools for Assisted Literature Review**
- **Citation Practices in Technical Writing**
- **Ethics in Publication**
- Principal suggested Students to assist the Country in making Economically Stronger and Technologically advanced amongst developed Countries.
- Dr. Mahendra M. Dixit, President IIC, Prof. & Head, Dept. of E&CE and Dr. V. A. Kulkarni, Principal appreciated the IQAC Coordinator for conducting the diversified event and making Students to aware about research activities.

Dr. Mahendra M. Dixit,
President IIC,
Prof. & Head (E&CE),
KLS Vdit, Haliyal.

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Date: 26.06.2024

Glimpses of "Elevating Research Quality for UG Students: Ethical Standards and Effective Literature Reviews"



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ELEVATING RESEARCH QUALITY FOR UG STUDENTS: ETHICAL STANDARDS & EFFECTIVE LITERATURE REVIEWS

PROF. VARAPRASAD GAOKAR

Dept. of E&EE,
IQAC COORDINATOR, KLS V D I T





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26TH JUNE 2024
ROOM NO. 5A

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Date: 26.06.2024

Glimpses of "Elevating Research Quality for UG Students: Ethical Standards and Effective Literature Reviews"





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This is to certify that

Dr MAHENDRA M DIXIT

of

Vishwanathrao Deshpande Institute of, Karnataka

has undergone Innovation Ambassador (IA) training 'Reskilling'
(Total 21 Sessions of 21 contact hours) conducted in online mode
by MoE's Innovation Cell & AICTE during the IIC calendar year

Dr. Abhay Jere
Chief Innovation Officer
MoE's Innovation Cell

Mr. Dipan Sahu
Assistant Innovation Director
MoE's Innovation Cell

Date of Issue: 31-08-2024

E-certificate No: IA/Re-skilling/1025257

IIC ID: IC202218479



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This is to certify that

Prof. Deepak Sharma

of

Vishwanathrao Deshpande Institute of, Karnataka

has undergone Innovation Ambassador (IA) training 'Reskilling'
(Total 21 Sessions of 21 contact hours) conducted in online mode
by MoE's Innovation Cell & AICTE during the IIC calendar year

Abhay Jere

Dr. Abhay Jere
Chief Innovation Officer
MoE's Innovation Cell

Dipan Sahu

Mr. Dipan Sahu
Assistant Innovation Director
MoE's Innovation Cell

Date of Issue: 31-08-2024

E-certificate No: IA/Re-skilling/1025255

IIC ID: IC202218479

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IIC 6.0 Annual Report 2023-24



A. About IIC Institute.

- Vision / Mission of IIC established at the Institute

Vision

To inculcate and practice Innovation Culture towards fostering Excellence in Entrepreneurship through well-established Start-up Eco System.

Mission

- 1. To create & conduct awareness programs to Students about Innovation, Start-up and Entrepreneurship through Expert Talks, Mentoring Sessions, Demo Day, Exhibition, Workshops. Seminars etc... from theme of activities.**
- 2. To prepare young minds in realising Ideation into proof of concept leading to Innovation, Patents and Small Scale Enterprise by assistance of Innovation Ambassadors and Experts.**
- 3. To mentor Students towards miniaturised Start-ups through Incubation Networks with extensive supervised infrastructural support.**

- Journey of IIC established at the Institute

Karnatak Law Society having established a number of Institutions in the city of Belagavi which have identity as Quality Educational Institutions started “Vishwanathrao Deshpande Institute of Technology”(VDIT) at Haliyal in 2004–05 by the initiation and support of Shri. R. V. Deshpande, Former Minister Government of Karnataka.

Within a short span of years, VDIT has developed excellent infrastructural facilities and an academic climate to train the Students to meet the challenges posed by rapid changing Techno-Economic scenario. The Institution has an excellent, well qualified and experienced Faculty. The Institute is located on a 26 acres campus, cradled by a picturesque landscape.

IIC at KLS VDIT started in the month of August 2022. After the Regional Meet held at REVA University, Bangalore on 16th August 2022. The meeting was attended by Dr. Mahendra M. Dixit, President IIC, Prof. & Head, Dept. of E&CE. The IIC Signatory Campaign, Displaying of IIC Poster and establishing Innovation Stall by all the Institutes. The Regional Meet was inaugurated by Mr. Dipan Sahu, Assistant Innovation Director, MoE Innovation Cell, AICTE, New Delhi and Dr. P. Shyama Raju, Chancellor, REVA University, Dr. M. Dhanamjaya, Vice Chancellor, REVA University, Dr. N. Ramesh, Registrar, Dr. Kiran Kumari Patil, IIC President, REVA University, Bangalore.

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IIC 6.0 Annual Report 2023-24



IIC6.0 has been successfully implemented with the kind guidance of MoE, IIC and all the necessary activities have been conducted successfully. Due to the involvement of all the Students, with the support of all the Staff Members IIC at KLS VDIT received Two Star rating at the first evaluation and the certification from MoE was highly encouraging. In addition to the mandatory activities, Students and Staff IAs have performed exceedingly and received certifications appropriately from MoE IIC.

As a token of appreciation, IIC at KLS VDIT also grabbed a Grant-In-Aid of Rs.20,000/- towards Impact Lecture Series / Scheme and on the whole, Institute got benefitted through the initiatives of MoE IIC.

- **Diversified representation in the IIC established at the Institute from Industry, Interdisciplinary & Departments / Units etc.**
 - **Institute Level plan of action:** The IIC at KLS VDIT prepared detailed Plan of Action towards IIC6.0 and briefed various authorities about Roles and Responsibilities. Equal support has been extended by all the MoU Industries / Institutes / Organization.
 - **Department level contribution:** Individual Departments contributed in conducting variety of Activities in IIC6.0 according to guidelines of MoE.
 - **Support from New Age Incubation Network (NAIN):** The events of prime importance such as Innovation, building Start-up eco system, filing Patents from idea to implementation, expert mentorship are well received from in-house incubation of KLS VDIT.
 - **Assistance from Professional bodies:** IIC6.0 Activities at the Institute received overwhelming support from Professional bodies located at KLS VDIT in the form of financial assistance to the events. These Professional bodies are ISTE, IEEE, CSI, etc...

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IIC 6.0 Annual Report 2023-24



B. Brief mention of key functionaries at the IIC Institute

Sl. No	Name	Dept.	Designation	Qualification	Position	Experience in Years	Roles
1	Dr. V. A. Kulkarni	E&EE	Professor	Ph.D.	Principal	26	Principal / HoI
2	Dr. Mahendra M. Dixit	E&CE	Professor	Ph.D.	Prof. & Head	16	President, IIC, Convener
3	Dr. Shrinivas Sirdeshpande	CS&E	Professor	Ph.D.	HoD	19	Member
4	Dr. Murgayya S. B.	ME	Associate Professor	Ph.D.	HoD	10	Member
5	Prof. A. V. Kolaki	E&EE	Assistant Professor	M. Tech.	HoD	21	Member
6	Dr. Ashik Bellary	CVE	Associate Professor	Ph. D.	HoD	07	Member
7	Prof. Manjunatha D.	E&EE	Assistant Professor	M. Tech.	Dean (Admn.)	22	Member
8	Prof. Poornima Raikar	CS&E	Assistant Professor	M. Tech.	Dean (Academic)	18	Member
9	Dr. Gururaj Hatti	ME	Assistant Professor	Ph. D.	Dean (R&D)	10	ARIIA, NIRF Coordinator
10	Prof. S. D. Kulkarni	ME	Assistant Professor	M. Tech.	Dean (IIC)	34	Start-up Activity Coordinator
11	Dr. Shylesha V Chennapattana	ME	Professor	Ph. D.	Faculty	27	IPR Activity Coordinator
12	Dr. K. S. Pujari	ME	Professor	Ph. D.	Faculty	25	Member
13	Prof. Rajat Acharya	ME	Assistant Professor	M. Tech.	Faculty	12	Internship Activity Coordinator
14	Prof. Pranesh Kulkarni	CS&E	Assistant Professor	M. Tech.	Faculty	07	Social Media
15	Prof. Harsha Jadhav	CVE	Assistant Professor	M. Tech.	Faculty	13	Member
16	Prof. Subrahmanya Hegde	E&EE	Assistant Professor	M. Tech.	Faculty	10	Member
17	Prof. Deepak Sharma	E&CE	Assistant Professor	M. Tech.	Faculty	09	Member
18	Prof. Harshavardan	CVE	Assistant Professor	M. Tech.	Faculty	09	Member

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IIC 6.0 Annual Report 2023-24



C. Tabular representation of Resource strength (human capital and Physical capital) of the IIC Institution

Total No. of IIC Members	18
Total No. of IAs	06
Total No. of Faculty Mentors	06

Pre-Incubation Units, If any	Nil
Incubation Units, If any	NAIN
IP Facilitation Unit, If any	EDC

D. Highlight Facilities, Infrastructure of Pre-Incubation & Incubation kind and Student bodies / clubs engaged in promotion of Innovation and Entrepreneurship in the campus.

- Existence of NAIN Centre established under the guidance of NAIN, Department of IT / BT / DST, Government of Karnataka.
- Availability of a Technical Exhibition Centre "JAGRUTI" having more than 25 Technologies provided by well-known Industries
- Having 3D Working Model & Cut-Section Volvo Engine available as working prototype provided by Volvo India.
- Existence of Toyota Centre of Excellence, CoE in Cyber Security & Machine Learning by C-DAC

E. Achievements

Number and Different types of I&E and IPR activities Conducted	52
No. of student's & faculty ideas generated	09
No. of student's & faculty Innovation / prototypes developed	03
No. of IPs generated, published and granted	08
No. of Student & Faculty Start-ups / Ventures established.	Nil
Amount spent on promotion and awareness generation on Innovation Entrepreneurship in the campus	Rs. 50,000/-
Amount grant or fund supported to student & Faculty lead Innovations, start-ups and IPR	Rs. 50,000/-
No. of Technology Transfer and Commercialisation happened	Outcomes Awaited
Grant-In-Aid received from MoE IIC	Rs. 20,000/-

KLS Vishwanathrao Deshpande Institute of Technology



(Accredited by NAAC with "A" Grade)

(Approved by AICTE, New Delhi, Affiliated to VTU, Belagavi)
(Recognized Under Section 2(f) by UGC, New Delhi)
Udyog Vidya Nagar, Haliyal - 581 329, Dist.: Uttara Kannada
www.klsvdit.edu.in | principal@klsvdit.edu.in



IIC 6.0 Annual Report 2023-24



F. Highlight few best IIC Faculty / Student Members and their achievements / Rewarded for the innovations at different forum.

• **Patents filed by IIC Faculty:**

- "A Novel Low Power Area Efficient High Speed Two Input Optimized And Gate"
Department of E&CE, Patent Application Number – 202341062456 A
- Design of Solar Still Using Phase Changing Material and Sensible Heat Storage Elements – Renewable Energy, Department of Mechanical Engg., Patent Application Number – 202341014010 A
- Investigation On Sliding Wear Behaviour of Zinc Alloy Reinforced With Nano B4C Composite, Department of Mechanical Engg. - Patent Application Number – 202341066233 A
- Natural Aspirated Domestic Radiant Porous LPG Burner, Department of Mechanical Engg., Patent Application Number – 202441015988 A
- Modified Domestic LPG Cooking Stove, Department of Mechanical Engg. - Patent Application Number – 202441019056 A
- Inverse Diffusion Flame Burner with Different Angled Fuel Jets and Swirl, Department of Mechanical Engg., Patent Application Number – 202441027549 A
- Performance Evaluation of Portable Domestic Solar Vegetable Dryer, Department of Mechanical Engg., Patent Application Number – 202441034100 A
- Tea Cup and Wick Type Solar Still, Department of Mechanical Engg., Patent Application Number – 202441055442 A

G. Highlight selected best Innovations & images with mention of inventor / innovation name

Faculty / Students Name	Details
Dr. Shylesha Channapattana	Received an award for the Research Publications with cash prize of Rs. 25,000/- from the VGST, Government of Karnataka for the Year 22-2023.
Dr. K S Pujari, Dr. Gururaj Hatti, Dr. Shankar Badiger, Prof. Gurunath M. & Prof. Santosh Savanur	VLCI Training: Successfully completed Phase One of VLCI training with an average of 70% marks in the examinations (12/01/24 & 13/01/24) held by VLCI, IIMB, Bengaluru.
Ms. Abhilasha P., Ms. Prabha Humberi. Dr. Shankar Badiger.	KSTA presentation: Received Dr. S. K. Shivakumar Award 2024 (for Best Innovation at UG level), KSTA, Bengaluru
Md. Afaan Shaikh Ms. Sushmita S. Mr. Raghavendra K. Mr. Amit Wajwe Prof. Gururnath M. Prof. Naveen S H.	MSME Project Funding for the year 2023: Students received a funding of Rs.25,000/- under the Ready Engineer MSME Innovation Program through BFC. <i>Industry Name:</i> Expert Valve and Equipment Pvt. Ltd. <i>Problem Statement:</i> Optimizing the machining process of wafer valve component.

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IIC 6.0 Annual Report 2023-24



H. Highlight selected start-ups established by Students / Faculties with mention of founder / cofounder name

- NIL

I. List if any break through Innovations / Technology Developed at the Institute

Faculty / Students Name	Details
Mr. Fairoz Ramapur, Mr. Fayazwar Jakati, Mr. Charan Shanbag Mr. Dheeraj Kulkarni Prof. Nikhil A. K.	Project Entitled "Smart Medication Dispenser and Reminder Using Embedded Systems" Received Funding of Rs. 5,500 from 47 th SPP: 2023 -24 from KSCST.
Mr. Shashank N. B Ms. Sneha C. Mr. Suraj S. K. Ms. Vaishnavi A. Prof. Shree Gowri S.	Received Certification of Completing 12-Week Pre-incubation Program organised by Ginserv and supported by EFI under SPARK-UP program. Title of the Start-up idea: Wireless Charging, Start-up Name: Volteventures
Ms. Abhilasha P., Ms. Prabha Humberi. Dr. Shankar Badiger.	KSTA presentation: Received Dr. S. K. Shivakumar Award 2024 (for Best Innovation at UG level), KSTA, Bengaluru
Md. Afaan Shaikh Ms. Sushmita S. Mr. Raghavendra K. Mr. Amit Wajwe Prof. Gururnath M. Prof. Naveen S H.	MSME Project Funding for the year 2023 Students received a funding of Rs.25,000/- under the Ready Engineer MSME Innovation Program through BFC. Industry Name: Expert Valve and Equipment Pvt. Ltd. Problem Statement: Optimizing the machining process of wafer valve component.

J. Participation of IIC-Institute in various programs of Central and Stage Govt. Highlighting specially for the schemes or programs

- ARIIA (NIRF Innovation) – participation and Rank yet to be announced.

K. Detail of media, Social Media & Connections of IIC institute:

Platforms such as Facebook, LinkedIn, Instagram, Telegram and WhatsApp are utilised to publish activity details.

KLS Vishwanathrao Deshpande Institute of Technology



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IIC 6.0 Annual Report 2023-24



L. Testimonials from IIC members (Faculty, Students and External) about IIC Institute and IIC of MoE's Innovation Cell

STUDENT MEMBERS

Sl. No.	Name	Email	Discipline / Stream	Role	Sem
1	Mr. Vitthal Gunaga 7619419529	vittalg@klsvdit.edu.in	ME	Innovation Coordinator	7
2	Mr. Keshav Payik 9663426277	keshavpayik@klsvdit.edu.in	E&CE	Start-up Coordinator	5
3	Mr. Akash Patil 9886318803	akashpatil@klsvdit.edu.in	ME	Internship Coordinator	5
4	Mr. Basavaraj Pattar 7676459008	basavarajpattar@klsvdit.edu.in	CVE	Social Media Coordinator	7
5	Mr. Sourabh Subnis 8277264036	sourabhsubnisttt@klsvdit.edu.in	CS&E	IPR Coordinator	7
6	Mr. Prasan Mantagi 8197977318	prasangmantagikle@gmail.com	E&EE	Member	7
7	Mr. Aman Hegde 8762838013	amanhegde@klsvdit.edu.in	CVE	Member	3
8	Mr. Raghunandan M.	raghunandana442@gmail.com	E&CE	Member	4

EXTERNAL MEMBER

Sl. No.	Name / Organization	Email	Member	Experience	Qualification
1	Mr. Sunil T. Shambhatnavar, Vice – President TMI ALS, Bangalore	Shambhatnavar@yahoo.co.in 9886333564	Expert form nearby Industry / Industry Association / Eco System Enablers	30 Years	Graduate

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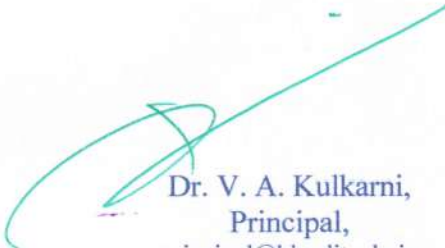


M. Image



N. Contact Details:


Dr. Mahendra M. Dixit,
President IIC,
Prof. & Head, Department of E&CE,
mahendra.dixit@klsvdit.edu.in
Phone: 9731869101
PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
KLS VEDIT, HALIYAL -581329
IIC CODE: IC202218479


Dr. V. A. Kulkarni,
Principal,
principal@klsvdit.edu.in
Phone: 08246 220861
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal



KLS V DIT

Transforming Through Technology



**PROCEEDINGS OF IMPACT LECTURE SCHEME
INSTITUTION'S INNOVATION COUNCIL
(IIC 6.0) – AY: 2023 – 24
IIC CODE – IC202218479**

: IMPACT LECTURE - 1 :

**Recent Developments & Novel Approaches for Innovation,
Entrepreneurship & Intellectual Property**

**Expert Speaker : MR. AJAY S. KABADI, Founder & CEO,
Docketrun Tech. Pvt. Ltd., Hubballi**

28TH JUNE 2024

: IMPACT LECTURE - 2 :

**Nurturing Leadership Potential of Student Innovators,
Entrepreneurs adopting IPR & Design Thinking**

**Expert Speaker : MR. MURALI ANUR, Director,
Envionics, Bangalore**

5TH JULY 2024


**PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL
KLS V DIT, HALIYAL -581329
IIC CODE: IC202218479**



**INSTITUTION'S
INNOVATION
COUNCIL**

**Principal
KLS Vishwanathrao Deshpande
(Ministry of Education, Government of Karnataka)
Institute of Technology, Haliyal**



KLS Vishwanathrao Deshpande Institute of Technology



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LIST OF DOCUMENTS

Sl. No.	Particulars
1.	IIC KLS VDIT, Establishment Certificate
2.	Grant-In-Aid Letters
3.	Acknowledgement to Grant-In-Aid Letter
4.	Request for Utilization of Grant-In-Aid to Head of Institute
5.	Invitation Letter to Expert Speaker
6.	Impact Lecture – 1: Flyer
7.	Impact Lecture – 1: Program Agenda
8.	Brief Bio-Data of Mr. Ajay S. Kabadi
9.	Impact Lecture – 1: Program Report
10.	Staff & Students Attendance Report
11.	Thanks Giving Letter to Mr. Ajay S. Kabadi
12.	Feedback by Participants
13.	Sample Certificate of Participation
14.	Geo-Tagged Photographs of Impact Lecture – 1
15.	Impact Lecture – 1: Expenditure Summary
16.	Invitation Letter to Expert Speaker
17.	Impact Lecture – 2: Flyer
18.	Impact Lecture – 2: Program Agenda
19.	Brief Bio-Data of Mr. Murali Anur
20.	Impact Lecture – 2: Program Report
21.	Staff & Students Attendance Report
22.	Thanks Giving Letter to Mr. Murali Anur
23.	Feedback by Participants
24.	Sample Certificate of Participation
25.	Geo-Tagged Photographs of Impact Lecture – 2
26.	Impact Lecture – 2: Expenditure Summary
27.	Press and Media Appearance



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education Initiative)


PRESIDENT,

INSTITUTION'S INNOVATION COUNCIL,
KLS VDIT, HALIYAL -581329
IIC CODE: IC202218479


Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

Ministry of Education's
INNOVATION CELL
DEPARTMENT OF HIGHER EDUCATION



Ministry of
Education
Government of India



MoE's
INNOVATION CELL
(GOVERNMENT OF INDIA)



INSTITUTION'S
INNOVATION
COUNCIL
(Ministry of Education, Government of India)



CERTIFICATE OF ESTABLISHMENT

This is to certify that

KLS VEDIT, Haliyal, Uttar Kannad

has established an Institution's Innovation Council (IC202218479) in the campus as per the norms of Innovation Cell, Ministry of Education, Govt. of India during the academic calendar year 2022-23

Prof. Anil D. Sahasrabudhe

Chairman
AICTE

Dr. Abhay Jere

Chief Innovation Officer
Ministry of Education's Innovation Cell

Certificate No: 8031

Aishe Code: C-1282

Date: 09-09-2022

INNOVATION CELL

NELSON MANDELA MARG, VASANT KUNJ, NEW DELHI-110070, INNOVATION CELL (2023-24),
Contact : 01126131576-78,80, E-Mail : finance@aicte-india.org

Date : 19-Mar-2024

Vch. No. : 1777

PRINCIPAL, KLS VEDIT

UDYOG VIDYA NAGAR

HALIYAL

District : HALIYAL

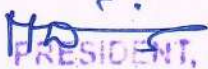
PIN Code : 581329

Sir / Madam,

This is in reference to your bill No. :- 1 Dated 10-Mar-2024 , an amount of ₹ 20,000.00 (Rs Twenty Thousand only) towards payment of IMPACT LECTURE SCHEME,2023-24(PHASE-I) , we wish to inform you that the payment of the said bill has been made through RTGS / NEFT on 19-Mar-2024 , into your Account as per details provided by you. (UNION BANK INDIA , HALIYAL , A/c 520101227312674.).

Sr.No.	Particulars	Amount
1	IMPACT LECTURE SCHEME,2023-24(PHASE-I) TA DA HON. MISC INCOME	20,000.00
2	Deductions 1. Advance Adjusted 2. Tax Deducted at Source (AAAAT3599E) 3. Other Tax (G.S.T. etc.) 4. Other Deductions	
3	Net amount	20,000.00

Advisor (Finance)


PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
KLS VEDIT, HALIYAL -581329
IIC CODE: IC202218479


Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

* It is system generated payment advise, does not require signature or seal

All India Council for Technical Education
(A Statutory body under Ministry of Education, Govt. of India)
Nelson Mandela Marg, Vasant Kunj, New Delhi-110070
Website: www.aicte-india.org

MoE's Innovation Cell
Impact Lecture Scheme for IIC Institutions - Sanction Letter

To,

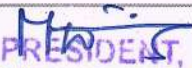
The Drawing and Disbursing Officer,
All India Council for Technical Education,
Nelson Mandela Marg, Vasant Kunj,
New Delhi - 110070

Sub: Sanction of Rs. 20,000/- (Twenty Thousand Only) being the Grant-in-aid under the Impact Lecture Scheme for IIC Institutions 2023-24, (Phase I), MIC payable during the current financial year 2023-24 for the implementation during IIC Academic Year 2023-24- reg

Sir,

With reference to the proposal submitted by the "institute_name", this is to convey that the sanction of the Council for payment of Rs. 20,000/- (Twenty Thousand Only) as Grant-in-aid under the Impact Lecture Session for IIC Institutions 2023-24, MIC as per details given below:

1	Name of the Institute	KLS VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY , UDYOG VIDYA NAGAR, DANDELI ROAD
2	Permanent/IIC ID of Institute	AISHE Code-C-1282
3	Scheme under which grant is to be released	Impact Lecture Scheme, 2023-24 (Phase-1)
4	Duration of the scheme	Academic Year 2023-24
5	Name of the Program coordinator	Dr. K S Pujari
6	Total Amount Sanctioned	Rs. 20,000/- (Twenty Thousand Only)
7	Amount to be released during the year 2022-23	Rs. 20,000/- (Twenty Thousand Only)
8	Sanctioned grant-in-aid is debit to	INNOVATION CELL ACCOUNT


PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
KLS VDIIT, HALIYAL -581329
IIC CODE: IC202218479


Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

9 The authorized Officer in whose favour Cheque / Demand Draft / RTGS is to made (Account Holder's Name)	PRINCIPAL KLS VEDIT
--	---------------------

- The amount of the Grant shall be drawn by the Drawing and Disbursing Officer, All India Council for Technical Education on the Grant-in-Aid bill and shall be disbursed to and credited to the account of Director/Principal/ Registrar of the Institute through RTGS/PFMS.
- This Grant-in-Aid 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.
- Released and for the academic year 2023-24.

The instructions/guidelines to be followed by the University/Institution

I. Release of funds

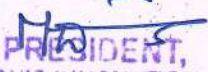
- a. The Principal/ Director/Head of the institute are hereby requested to verify the correctness of the under mentioned bank account/ RTGS details submitted by them, in which Grant-in-aid is being released.


Institute PAN No.	Bank Name	Bank Branch Name	Bank Branch Address	Account Holder Name	Account Type	Account Number	IFSC Code
AAAAT3599E	UNION BANK OF INDIA	HALIYAL	TMC COMPLEX, PB NO. 25	PRINCIPAL KLS VEDIT	Savings	520101227312674	UBIN090063

- b. In case of any omission the same should be reported to AICTE immediately.
- c. The sanction is issued in exercise of the powers delegated to the council and other terms & conditions laid down in the guidelines of the scheme. 100% of the sanctioned amount will be released as a Grant-in-aid to the account of the Impact Lecture Scheme beneficiary IIC institutions.

II. Maintenance of accounts of expenditures

- a. The Institute shall strictly follow the provisions laid down in the scheme document issued by this office. All correspondences related to the scheme must contain this number along with year of sanction of the scheme; failing which correspondence will not be entertained.


PRESIDENT,
 INSTITUTION'S INNOVATION COUNCIL,
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Principal
 KLS Vishwanathrao Deshpande
 Institute of Technology, Haliyal

- b. The beneficiary IIC Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on the scheme.
- c. Institute needs to maintain the record of all original bills/honorarium receipts/transaction proof/voucher and invoice etc.
- d. AICTE/MIC or its nominee shall have the right to check/verify the account to satisfy that the fund has been utilized for the purpose for it was sanctioned.

III. Budget details for conducting Impact Lecture Sessions in offline mode

Sr. No	Budget Breakup	Amount
1	Honorarium to the Expert	Rs. 6000/ Session (Maximum of Rs3000/Expert)
2	TA/DA	Rs. 6,000/- (Minimum of 02 Experts)
3	Venue related expenditure including food and snacks	Rs 8,000/-
	Total Amount	Rs. 20,000/-(For 2 Offline sessions)

IV. Terms and Conditions

a. Utilization/Refund of Grant

- The Principal / Director / Registrar shall intimate about the receipt of the sanctioned amount to AICTE/MIC.
- The released/sanctioned fund for Impact Lecture Scheme cannot be utilized for any other program sessions.
 - In case the Impact-Lecture Scheme is cancelled, the funds must be returned back to AICTE/MIC immediately with interest accrued thereon.
 - In any case, if the institute is required to refund the grant or interest accrued thereon or balance amount, the amount will be refunded to AICTE/MIC through NEFT/RTGS at INNOVATION CELL ACCOUNT, Account No:37903899633, IFSC: SBIN0050203, SBI, SHASTRI BHAWAN, RAJENDRA PRASAD ROAD, NEW DELHI 110001.
 - As AICTE/MIC needs adequate time for depositing the Demand Draft in the bank, the same be immediately dispatched to avoid any lapse of the validity period. Meanwhile, institute can plan and start the activities as prescribed from the date of issuance of sanction order.
- The Institute shall strictly follow the provisions laid down in the scheme document issued by this office. All correspondences related to the scheme must contain this number along with year of sanction of the scheme; failing which correspondence will not be entertained.


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V. Progress Monitoring and Reporting of financial utilization

IIC institution needs to upload the activity report in the IIC portal along with supporting documents within prescribed period of the completion of Impact Lecture Scheme.

- **Usage of Fund:**

Original Statement of actual expenditure in the prescribed proforma duly signed by the Head of the institution, president of IIC Institute and countersigned by Registrar/Finance Officer/Govt. Auditor.

OR

In case of self-financing/private institutions, Statement of actual Expenditure & Utilization Certificate as required to be audited & signed by a Chartered Accountant (with membership no., full address & stamp). Photocopies of formats are enclosed.

- **The Utilization Certificate (UC)** supported by Audited Statement of Expenditure to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the AICTE/MIC immediately after completion of the scheme to the following **Address: MoE's Innovation Cell(MIC), Room No. 316, 3rd Floor, AICTE HQ, Nelson Mandela Road, New Delhi-110070.**
 - It should contain the head-wise break up of expenditure made from the grant-in-aid provided by the Council. Audited Statement of Expenditure indicating expenditure incurred in the total duration of the scheme in the prescribed format and GFR-19 shall be submitted to the Council.

VI. Conducting of Impact Lecture Sessions

- Impact lecture sessions should be conducted in offline mode.
- Impact Lectures should be delivered by a minimum of two external experts. The topics should be related to Innovation/Entrepreneurship/IPR/Design Thinking. Duration of each impact session should be of minimum 1.5 Hours.
- Reimbursement to the experts can be made as per the budget breakup mentioned in the point no.
- IIC-institute is free to invite more than 2 experts if they want to do so and the additional cost required to complete the program must be borne by the institute from their own or other sources. But the quality of the activities should not be compromised.
- The institute should identify experts with a minimum of 5 years of experience in the field of innovation/entrepreneurship/IPR, preferably as incubation heads, start-up founders, innovators, IP experts, or as per the requirement of the topic.
- Competent and experienced experts with credibility deriving from state/national level I&E ecosystem should be invited as speaker to deliver the session. President of the IIC will take the call on finalizing the experts.


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Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

- IIC institutes may seek the assistance of a "Mentor" institute to design the session, identify experts, and conduct the session. The institute should join us as a Mentee under the Mentor-Mentee Scheme.
- HEI's need to ensure in-house participation of minimum of 50 students and 10 teaching and non-teaching staff.
- IIC-Institute is advised to carryout assessment and feedback (either by using google form or any other suitable medium) followed by the session to assess the subject level understanding of the participants.
- IIC Institute may issue certificates to the participants attending the session and have submitted assessment successfully. For this purpose, IIC-institute may use the MIC logo and IIC logo in the certificate.

VII. Availing Mentoring Support

All Impact Lecture beneficiary institutions as mentee institute are required to select a mentor institute for mentoring support and their active participation in the prescribed mentoring activities is mandatory as mentioned in the Mentor-Mentee scheme. The selected mentor institution is expected to encourage, guide and handhold mentee institutions in participating various innovation and entrepreneurship initiatives of MoE such as adoption of NISP, formulation of I&E policy at the institute level, Training of Innovation Ambassadors, Mentoring support to students and establishment of pre-incubation and incubation facilities etc.

VIII. Refer and Follow-up with 50 HEIs to establish IIC and join the IIC network

- Mentee IIC institution is required to undertake necessary follow-up with at least 50 higher education institutions to establish an Institutional Innovation Council on their campuses.
- It should ensure that the establishment of the referred institutes is approved by MIC and that the institute actively participate in IIC activities.
- Mentee institution needs to extend its mentorship wherever required for the referred institutions
- The list of HEIs allocated to the mentee institutions for referral through the IIC portal (referral section) and further follow-up to bring them into the IIC network

IX. Expected Outcomes

- Active participation and involvement of students, faculties and staff and most importantly members of the IIC institute in the program.
- Awareness generation among students, faculties and staff on recent developments and new approaches for innovation, entrepreneurship and intellectual property and their importance in wealth creation at individual level and at national level.
- Nurturing leadership potential of student innovators, and entrepreneurs by providing them coordination role to achieve the program objective.
- Program will set foundation for institute's participation in MoE's Innovation and Entrepreneurship initiatives such as IIC, NIRF-Innovation Ranking, Hackathons, NISP, YUKTI Innovation Repository, YUKTI Innovation challenge and related programs at MIC and AICTE,


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 Principal
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 Institute of Technology, Haliyal

- Strengthening the connection of IIC institutions located in Himalayan/North Eastern region/Aspirational Districts with national innovation and entrepreneurial ecosystem enablers.

X. Use of Logo

- The MIC, AICTE and IIC logo must be prominently displayed for all online information regarding Impact Lecture scheme activity is displayed
- The Impact Lecture venue in terms of stage backdrop/ podium must prominently display the MIC, AICTE and IIC logo.
- All publicity materials/ advertisements/ brochures/ invitation cards/ any other collaterals/ event backdrop etc. related to Impact Lecture scheme must carry the MIC, AICTE and IIC logo.

XI. Monitoring

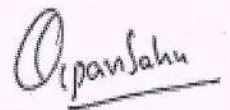
- AICTE/MIC may depute an Officer/Observer to oversee the quality of the activity/conference and collect feedback from the venue.

XII. General instructions

- The grantee Institution shall observe all financial norms and guidelines as prescribed by the AICTE/ Government of India from time to time. GOI GFR rules ([@https://doe.gov.in/order-circular/general-financial-rules](https://doe.gov.in/order-circular/general-financial-rules)) should be followed during utilization of grant.
- This Sanction Order may be treated as Offer Letter for all purposes.

For more information, please write your query to **Ms. Selvarani, Innovation Officer and Ms. Pooja Sharma, NRC IIC Zonal in charge. Email: il.iic.mic@aicte-india.org, Phone no: 011 2958 1513, 1235.**

Yours sincerely,



Dipan Kumar Sahu
Asst. Innovation Director
MoE's Innovation Cell

Copy forwarded for information and necessary action to:

1. Name and Address

**KLS VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, UDYOG VIDYA
NAGAR, DANDELI ROAD**

2. HoI/IIC Principal

PRINCIPAL KLS VDIT

3. Office File


PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
KLS VDIT, HALIYAL -581329
IIC CODE: IC202218479


Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal



KLS VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, HALIYAL

(Accredited by NAAC with 'A' Grade)

(Recognized Under Section 2(f) of UGC Act. 1956)

Approved by A.I.C.T.E., New Delhi, Affiliated to V.T.U., Belagavi
Udyog Vidyanagar, Dandeli Road, Haliyal - 581 329, Dist: Uttara Kannada, Karnataka
08284-220861 / 9449454542 | www.klsvdit.edu.in | principal@klsvdit.edu.in



KLSVDIT/816/2024/

Date : 22.03.2024

To,
MoE's Innovation Cell (MIC),
Room No. 316, 3rd Floor,
AICTE HQ, Nelson Mandela Road,
New Delhi - 110070

Respected Sir,

Subject: Acknowledgment towards Receipt of Grants for Organizing Impact Lecture Scheme / Series (Phase -1 for the Year 2023-24) at KLS Vdit, Haliyal – reg...

With reference to the above cited subject, we are very much thankful to MoE's Innovation Cell (MIC), New Delhi for providing opportunity to establish Institution's Innovation Council at KLS Vdit (IC202218479), Haliyal, Karnataka and supporting us in conducting Innovation & Entrepreneurship Activities for Students.

We also would like to thank MoE's Innovation Cell (MIC), New Delhi for extending Grant of Rs. 20,000/- towards conduction of Impact Lecture Scheme / Series (Phase -1 for the Year 2023-24) related to Innovation / Entrepreneurship / IPR / Design Thinking domains.


In this connection, we hereby acknowledge the receipt of Payment of Rs. 20,000/- dated 20th March 2024, UTR: SBIN424080943239.

We will ensure effective implementation of Impact Lecture Scheme / Series at KLS Vdit, Haliyal.

Thanking You,

Yours faithfully,


22.03.2024
Dr. Mahendra M. Dixit,
President, IC,
Prof. & Head (E&CE)
PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
KLS Vdit, HALIYAL -581329
IIC CODE: IC202218479


Dr. V. A. Kulkarni,
Principal
Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

KLS Vishwanathrao Deshpande Institute of Technology



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(Recognized Under Section 2(f) by UGC, New Delhi)
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Date: 25.06.2024

To,
The Principal,
KLS VEDIT, Haliyal.

Respected Sir,

Subject: Request for utilisation of Grant-In-Aid received for ILS, IIC, MoE – reg...

With reference to the above cited subject, we request you to facilitate the utilisation of Grant-In-Aid received from IIC, MoE towards Impact Lecture Scheme.

Please find the details of Impact Lectures planned and the possible transactions that are to be made towards conduction of ILS at KLS VEDIT.

Details of Impact Lectures		
Details	Impact Lecture – 1	Impact Lecture – 2
Name & Affiliation of Expert Speaker	Mr. Ajay S. Kabadi, Founder & CEO, Docketrun Tech. Pvt. Ltd., Hubballi.	Mr. Murali Anur Director – Environics, Bangalore.
Topic	Recent Developments & Novel Approaches for Innovation, Entrepreneurship & Intellectual Property	Nurturing Leadership Potential of Student Innovators, Entrepreneurs adopting IPR & Design Thinking
Total Duration	3.0 Hrs.	3.0 Hrs.
Date & Time	28 th June 2024, 10.00 AM Onwards	5 th July 2024, 10.00 AM Onwards
Mode	Offline	Offline
Payment of Honorarium	Rs. 3,000/- (Deducting TDS 10%)	Rs. 3,000/- (Deducting TDS 10%)
Disbursement Amount	Rs. 2,700/- to Expert Speaker (NEFT) Rs. 300/- (TDS to PAN)	Rs. 2,700/- to Expert Speaker (NEFT) Rs. 300/- (TDS to PAN)
Travel Allowance	Rs. 3,000/-	Rs. 3,000/-
Venue Related Expenses	Rs. 4,000/- (Breakfast / Lunch for Expert Speaker, High Tea for Participants)	Rs. 4,000/- (Breakfast / Lunch for Expert Speaker, High Tea for Participants)
Details of Expert Speakers		
Name as per PAN	AJAY SHREEKANT KABADI	MURALI R ANUR
PAN No.	DYKPK8989P	AGGPA4957Q
Name of Bank, Branch	NiyoX Equitas Bank, Hubli	HDFC Bank Ltd., Banashankari, Bangalore
Account Number	100015310532	50200032246310
IFS Code	ESFB0003029	HDFC0000157
Mobile No.	9449034387	8310902480
Note: The total estimated expenses towards the conduction of Impact Lectures will be Rs. 20,000/- (dtd. 20 th March 2024, UTR: SBIN424080943239) and the expenditure shall be audited by the Institute for submission of Statements to IIC MoE.		

Kindly consider the request and do the needful,
Thanking You,

Yours faithfully,

Dr. Mahendra M. Dixit,

President, IIC, Prof. & Head (E&CE)

Encl.: Bank, PAN & Aadhar Card details of Expert Speakers

INSTITUTION'S INNOVATION COUNCIL,
KLS VEDIT, HALIYAL - 581329
IC CODE: IC202218479



KLS VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, HALIYAL

(Recognized Under Section 2(f) of UGC Act, 1956)

Approved by A.I.C.T.E., New Delhi, Affiliated to V.T.U., Belagavi

Udyog Vidyanagar, Dandell Road, Haliyal - 581 329, Dist: Uttara Kannada, Karnataka

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KLSVDIT/191/2024

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Date: 19.06.2024

To,
Mr. Ajay S. Kabadi,
Founder & CEO,
Docketrum Tech. Pvt. Ltd., Hubballi.

Sir,

Subject: Invitation to be the Expert Speaker for Session entitled "Recent Developments & Novel Approaches for Innovation, Entrepreneurship & Intellectual Property" – reg...

Greetings from KLS VDIT, Haliyal !!!

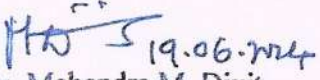
It is our proud privilege to invite you as **Expert Speaker** for the **Session** entitled **"Recent Developments & Novel Approaches for Innovation, Entrepreneurship & Intellectual Property"** on **28th June 2024**, from **10:00 AM** Onwards for the **Students & Staff Members** of **KLS VDIT, Haliyal**.

This event is organized under the **Impact Lecture Series / Scheme**, **Institution's Innovation Council (IIC)**, **KLS VDIT, Haliyal**. You are hereby requested to enlighten our **Students & Staff Members** with your *domain expertise* and address the gathering.

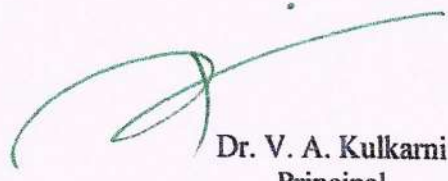
Kindly accept our invitation & oblige.

Thanking You,

Yours faithfully,


Dr. Mahendra M. Dixit
President IIC
Prof. & Head (E&CE)

PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
KLS VDIT, HALIYAL -581329
IIC CODE: IC202218479


Dr. V. A. Kulkarni
Principal

Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal



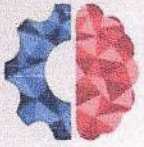
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**IMPACT LECTURE SERIES
GRANT-IN-AID: IIC-MOE, PHASE - 1 2023-24**



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(GOVERNMENT OF INDIA)



INSTITUTION'S
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COUNCIL
(Ministry of Education Initiative)



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MINISTRY OF
EDUCATION



IMPACT LECTURE - 1

**RECENT DEVELOPMENTS & NOVEL
APPROACHES FOR INNOVATION,
ENTREPRENEURSHIP & INTELLECTUAL
PROPERTY**



Mr. Ajay S. Kabadi,
Founder & CEO,
Docketrun Tech. Pvt. Ltd.,
Hubballi



**28th June 2024,
10.00 AM**

**Visvesvaraya
Seminar Hall**



**: IIC CODE :
IC202218479**

**Dr. Mahendra M. Dixit
President, IIC**

**Dr. V. A. Kulkarni
Principal**

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IMPACT LECTURE SERIES

GRANT-IN-AID: IIC-MOE, PHASE - 1 2023-24

**RECENT DEVELOPMENTS & NOVEL APPROACHES
FOR INNOVATION, ENTREPRENEURSHIP &
INTELLECTUAL PROPERTY**

Date: 28.06.2024

PROGRAM AGENDA - IMPACT LECTURE 1

1. Formal Welcome - Prof. Suraj Kadli, Master of Ceremony
2. Invocation Song - Ms. Srusti Sugate, 6th Semester Student
3. Introduction of Resource Person - Prof. Plasin Dias
4. Inauguration Ceremony by Dignitaries - Watering the Plant
5. Welcome Address & About the event - Dr. Mahendra M. Dixit, President IIC,
Prof. & Head, Dept. of E&CE
6. Address by Resource Person - Mr. Ajay Kabadi, Director,
DocketRun Tech Private Limited, Hubballi
7. Presidential Remarks – Dr. V. A. Kulkarni, Principal, KLS V DIT, Haliyal
8. Vote of Thanks – Prof. Anita Hanchinal



Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal



Contact

Ajay Kabadi - Docketrun, Sandbox Startups, Next to International Airport, Gokul Road, Hubballi, Karnataka.
9449034387 (Mobile)
ajayskabadi2012@gmail.com

www.linkedin.com/in/ajay-kabadi
(LinkedIn)

Top Skills

Artificial Intelligence (AI)
Data Science
Deep Learning

Languages

English (Native or Bilingual)
Kannada
Hindi
Pategar

Certifications

Getting Started with DeepStream for Video Analytics on Jetson Nano
AI For Everyone by deeplearning.ai
Big Data Essentials
Introduction to AI in the Data Center

Honors-Awards

Best Startup of the Year 2020
DocketRun won Elevate 2019, an idea to POC grant of Govt of Karnataka
2nd Prize in Technology at Startup India Karnataka Yatra
Appreciation from Dr. Anil Sahasrabudhe, Chairman, AICTE to DocketRun
Maruti Suzuki Selected DocketRun via MAIL Program to transform the evolving automobile and mobility space

Ajay Kabadi

Founder & CEO, DocketRun Tech Pvt Ltd : AI, Business Development & Sales

Hubli, Karnataka, India

Summary

Entrepreneur passionate about building companies from within by attracting intelligent and productive professionals. A quality-driven leader focused on growth and experienced in fundraising, customer acquisition, and executive management. Innovative company designer with 7+ years of experience solving various levels of startup challenges and driving growth.

Experience

DOCKETRUN TECH PRIVATE LIMITED

Founder & CEO

June 2017 - Present (7 years 1 month)

Hubli, Karnataka, India

DocketRun Smart Video Analytics for Manufacturing - a cutting-edge solution that ensures employee safety, improves product quality, and streamlines standard operating procedures and making Zero Human Intervention & Zero Safety Incidences.

Worlds 1st Video Analytics Platform to analyze complete process of Electrical [vacuum circuit breakers] and Mechanical Jobs in Steel Plant

Amsa Embedded Solutions

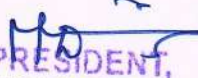
Artificial intelligence

August 2017 - July 2020 (3 years)

Hubli, Karnataka, India

Consultation on Artificial Intelligence solutions, specializing in Computer Vision and NLP.

Helped clients navigate the complex landscape of AI technologies and delivered cutting-edge solutions that improved their businesses and operations. With a deep understanding of these domains and a track record of successful project delivery, established myself as a trusted advisor to my clients and a leader in the AI industry.


PRESIDENT,

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IIC CODE: IC202218479

Page 1 of 2

Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

Nexus3D

Co-Founder

May 2015 - March 2018 (2 years 11 months)

Hubli Area, India

Development of Website with various technical skills and using amazon web services for cloud storage and deployment process with various additional features in development and design .

Deshpande Startups

Tech Lead

June 2016 - May 2017 (1 year)

Hubli Area, India

Played a pivotal role in developing and deploying technology solutions for startups in diverse industries, trained and mentored new employees, and successfully organized the largest hackathon in India, demonstrating strong leadership and technical skills.

Education

KLE Technological University - Hubballi (India)

MS (Engg) by Research Program in Visual Artificial Intelligence, Visual Artificial Intelligence · (February 2022 - February 2025)

SDM College of Engg & Tech , Dharwad

Engineer's Degree, Information Science · (2013 - 2016)


P C Jabin College of Science

Science, Science · (2010 - 2012)

Shri Vivekanand English Medium School

S.S.L.C, State Board · (1998 - 2010)


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IMPACT LECTURE SERIES (IIC CODE: IC202218479)

GRANT-IN-AID: IIC-MOE, PHASE - 1 2023-24



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IMPACT LECTURE - 1

**RECENT DEVELOPMENTS & NOVEL APPROACHES FOR INNOVATION,
ENTREPRENEURSHIP & INTELLECTUAL PROPERTY**

Academic Year	2023-24 (IIC6.0)
Program Information	Program under Grant-In-Aid, IIC, MoE
Program Type / Mode	Impact Lecture Scheme / Series (Impact Lecture - 1) / Offline
Grant-In-Aid Information	Rs. 20,000/- Order No.: Vch. No. 1777, Dtd. 19-Mar-2024 UTR: SBIN424080943239 Dtd.: 20-Mar-2024
Program Theme	Innovation / Entrepreneurship / IPR / Design Thinking
Impact Lecture Title	Recent Developments & Novel Approaches for Innovation, Entrepreneurship & Intellectual Property
Activity Duration (In Hrs.)	05 Hrs.
Expert Speaker	Mr. Ajay S. Kabadi, Founder & CEO, Docketrun Tech. Pvt. Ltd., Hubballi.
Event Host	Dr. Mahendra M. Dixit, President, IIC, KLS VDIT, Haliyal
Event Schedule	28 th June 2024 at 10.00 AM, Visvesvaraya Seminar Hall
# Students Participants	110
# Faculty Participants	25
Remarks	Creating awareness about Innovation / Entrepreneurship / IPR / Design Thinking amongst Students & Faculty Members.

Objectives and Outcomes of the Program

- Straightening the connection of IIC Institutions with National Innovation and Entrepreneurial Ecosystem.
- To support IIC Institutions to generate awareness on Innovation, IPR and Start up in such Institutions with Funding Assistance from MIC & AICTE. Helping in establishing strong connections with Ecosystem Enablers at Regional and National Level.
- Aware Students and Faculty Members about the Innovation Ecosystem in their surrounding and at National Level. Streamlining the campus Innovation and Start-up Ecosystem.
- Awareness generation among Students, Faculty Members on recent developments and new approaches for Innovation, Entrepreneurship & Intellectual Property and their importance in Wealth Creation at Individual Level and at National Level.
- Nurturing Leadership Potential of Student Innovators and Entrepreneurs by providing them coordination role to achieve the program objective.
- Program will set foundation for Institute's participation in MoE's Innovation and Entrepreneurship initiatives such as IIC, NIRF-Innovation Ranking, Hackathons, NISP, YUKTI Innovation Repository, YUKTI Innovation Challenge and related programs at MIC and AICTE.

Principal

KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

INSTITUTION'S INNOVATION COUNCIL,
KLS VDIT, HALIYAL -581329



Brief Report on Impact Lecture – 1

- The *First Impact Lecture* under the *MoE's Impact Lecture Scheme* was scheduled on *28th June 2024* at the premises of *KLS Vdit, Haliyal. Dt: Uttar Kannada, Karnataka.*
- The *Expert Speaker* on this occasion was *Mr. Ajay S. Kabadi, Founder & CEO, Docketrun Tech. Pvt. Ltd., Hubballi* who has been a successful Entrepreneur in the field of *Data Science, Artificial Intelligence* and *Machine Learning* and the *Industry* is well connected with other reputed Industries towards the development of *Small & Large Scale Products Design, Manufacturing* and providing services.
- The program started with the formal Welcome, Introduction of Impact Lecture Scheme, Briefing profile of Mr. Ajay S. Kabadi and a formal inaugural by Watering the Plant as a mark of prosperity.
- Mr. Ajay briefed about *Innovation & Entrepreneurial* initiatives to Students through his rich experiences during his keynote address. He enthralled Students to have more *questioning attitude, persuading* and *practicing analytical skillsets* to become a *Ready Engineer* in the *Role of Entrepreneur.*
- Mr. Kabadi opened up *several avenues* to Students on taking up the *Development of Start-ups* in the domains such as *Agriculture, Medical* and *other Societal Relevant fields.*
- Expert Speaker addressed several matters related to his field and demonstrated few illustrations such as *Smart Video Analysis for Manufacturing under Safety and Surveillance Category,* utilisation of *Artificial Intelligence Solution* in the domain of *Computer Vision* and *Natural Language Processing.*
- Mr. Ajay also thrown light on *Developing Automation* and *Designing Control Systems* specifically for *Mechanical and Automobile Engineering* sectors through the thorough knowledge of all the *Allied Fields of Engineering.*
- Students understood the details of identifying unique solutions to the real life challenges, possible approaches towards *Innovation & Ideation for Start-up.* Through this session, Mr. Ajay presented gist on how to establish *Copyrights, Patents* and *Trademarks Process.*
- The session by the Expert Speaker was really impressive, since it has covered the *Engineering Branches of Information Technology and Core Specialisations.* Mr. Kabadi invited Students to visit the Industry with an objective of pursuing *Project based Internships* and *execution of Real Time Industry Projects.* In continuation, it is a unique opportunity to Students to learn how an *Enterprise Work* and acquaint the Culture of *Entrepreneurship during Graduation.*
- Dr. V. A. Kulkarni, Principal, KLS Vdit pleased to witness the effective implementation of Impact Lecture Scheme & in particular *Lecture – 1* by Mr. Ajay S. Kabadi.
- Principal presented Presidential Remarks and extended Gratitude to the Expert Speaker for sharing his experiences of setting up an *Enterprise,* establishing *Product Development Process* with Eminent Companies & *Serving Society* with a positive mind set to Students.
- Dr. Mahendra M. Dixit, President, IIC and Dr. V. A. Kulkarni, Principal extended thankfulness to IIC MoE for shortlisting KLS Vdit, Haliyal for providing Grant-In-Aid for the conduction of Impact Lecture Scheme.

Principal

KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

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GLIMPSES OF EVENT



M. S. ...
PRESIDENT,

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ID CODE: IC202218479

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KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

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IMPACT LECTURE – 1

RECENT DEVELOPMENTS & NOVEL APPROACHES FOR INNOVATION,
ENTREPRENEURSHIP & INTELLECTUAL PROPERTY

(28.06.2024)

Faculty Attendance Report

Sl. No.	Faculty Name	Branch	Sign
1.	Ashwini G	ECE	Ashwini
2.	Pavitra M.B	ECE	Pavitra
3.	Anita M.H	ECE	Anita
4.	Shree Gowri SS	ECE	Shree Gowri
5.	Rohini Kallur	ECE	Rohini
6.	Plavin F Dias	ECE	Plavin
7.	SURAS KADU	ECE	SURAS
8.	Sudhendra Yalaghi	ECE	Sudhendra
9.	B.N.Chauhan	ECE	B.N.
10.	Pooja.C.Shinde	ECE	Pooja
11.	Sheetal N. M	ECE	Sheetal
12.	Vijayalaxmi Kalal	ECE	Vijayalaxmi
13.	Raghendra N	ECE	Raghendra
14.	Dr. G Hattal	ME	Dr. G Hattal
15.	Dr. Venkatesh J	CSE	Dr. Venkatesh
16.	A V Kolaki	ECE	A V Kolaki
17.	Dr P. Raikar	C&E AINL	Dr P. Raikar
18.	Hanumanthi	EE	Hanumanthi
19.	Navreen S.Hiremath	ME	Navreen
20.	Ravindra Motekar	EEE	Ravindra
21.	Rajeshwari N.	EEE	Rajeshwari
22.	S.M.Hegde	EEE	S.M.Hegde
23.	Vijay Basewadi	ECE	Vijay
24.	Nikhil Kulkarni	ECE	Nikhil
25.	Rajaw Acharya	Mech.	Rajaw



PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
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INNOVATION CODE: IC202218479
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KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

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IMPACT LECTURE – 1

RECENT DEVELOPMENTS & NOVEL APPROACHES FOR INNOVATION,
ENTREPRENEURSHIP & INTELLECTUAL PROPERTY

(28.06.2024)

Students Attendance Report

Sl. No.	Student Name	USN	Sign
1.	Srishti. S. Sugale	2VD21EC102	
2.	Tanushree Shirdekar	2VD21EC111	T.T. Shirdekar
3.	Deeksha .C. Kulkarni	2VD22EC030	
4.	Aishwarya .I. Ronad	2VD22EC007	
5.	Hemavathi Sahani	2VD22EC040	
6.	Annapurna.M.B	2VD22EC017	
7.	Bhaglaxmi Angadi	2VD22EC025	
8.	Donna Devuprasad	2VD22EC033	
9.	Kanchika kurra	2VD22EC045	
10.	Mayavati Karatekar	2VD22EC057	
11.	Sushmita .B	2VD22EC112	
12.	Sushmi .K.	2VD22EC110	
13.	Savitri .H.	2VD22EC096	
14.	Vashali .D	2VD22EC117	
15.	Nishalkha G.Achari	2VD22EC123	
16.	Shradha.G.M	2VD22EC099	
17.	Rutya.Gingalgad	2VD22EC075	
18.	Prayanka.S Hiremath	2VD22EC076	
19.	Shruya V. Kallapur	2VD22EC100	Shruya
20.	Supriya Neelagund	2VD22EC109	Supriya
21.	Sakshi S. Hiremath	2VD22EC090	Sakshi
22.	Tulasa. S. Patil	2VD22EC114	Spatil
23.	Megha Noragund	2VD21EC048	M.S.N.
24.	Narayani Shaubhag	2VD21EC055	Narayani
25.	Netravati Hiremath	2VD21EC058	Netravati
26.	Annapurneshwari.K.H	2VD22EC018	
27.	AKshatha K.B	2VD22EC110	
28.	AKshata. B. Araud	2VD22EC008	
29.	AKshata. M.K	2VD22EC011	
30.	Arita Doneal	2VD22EC021	
31.	Nirmala Jandale	2VD22EC066	
32.	Nikita Sankar	2VD22EC065	
33.	Nisarga Hamdiquand	2VD22EC067	
34.	Poorvi. S. Vaddin	2VD22EC069	
35.	Sakshi.S. D	2VD22EC091	



INSTITUTION'S
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COUNCIL
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KLS VDIIT, HALIYAL -581329
IIC CODE: IC202218479

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IMPACT LECTURE – 1

RECENT DEVELOPMENTS & NOVEL APPROACHES FOR INNOVATION,
ENTREPRENEURSHIP & INTELLECTUAL PROPERTY

(28.06.2024)

Students Attendance Report

Sl. No.	Student Name	USN	Sign
36.	Soniya. E. C	2VD22EC106	Soniya
37.	Vasundhara Pale	2VD22EC118	Vasundhara
38.	Smriti Huttoli	2VD22EC409	Smriti
39.	Mangal Gawas	2VD22EC404	Mangal
40.	Samata Maddani	2VD22EC407	Samata
41.	Sahitya Shetti	2VD22EC088	Sahitya
42.	Shri Gauri Jadhav	2VD22EC101	Shri Gauri
43.	sakshi. B. Patil	2VD22EC089	Sakshi
44.	Swati. B.	2VD22EC113	Swati
45.	Soumya. C. S	2VD22EE412	Soumya
46.	Saniya M. K.	2VD22EE409	Saniya
47.	Saman. M. R.	2VD22EC092	Saman
48.	Zuveriya. N. G.	2VD22EF126	Zuveriya
49.	Neha. S. Khan	2VD22EC063	Neha
50.	Mahima. K. H.	2VD22EC054	Mahima
51.	Anuja. G. Mapekar	2VD22EE005	Anuja
52.	Uzma parveen shaikh	2VD22EE044	Uzma
53.	Sanjana. R. Padmani	2VD22EE035	Sanjana
54.	Tejashwini. R. Patil	2VD22EE043	Tejashwini
55.	Fruti. S. Naik	2VD22EE014	Fruti
56.	Laxmi Kuratti	2VD22EE012	Laxmi
57.	Akshata Puri	2VD22EE004	Akshata
58.	Sushma. M. Madar	2VD22EE414	Sushma
59.	Kavita. S.	2VD22EE406	Kavita
60.	Rakshita Hiremath	2VD22EE030	Rakshita
61.	Abhaya. J. Patte	2VD22EE001	Abhaya
62.	Shreya. S. Patil	2VD22EE038	Shreya
63.	Cynthia. S. M	2VD22EE010	Cynthia
64.	Aishwarya. T	2VD22EE003	Aishwarya
65.	Sanjana. H.	2VD22EE034	Sanjana
66.	Sanjeela Bhes	2VD22EE033	Sanjeela
67.	Pushpa. Daddagoud	2VD22EE028	Pushpa
68.	Mansi. M. Kankatri	2VD22EE020	Mansi
69.	Varshini. Lamani	2VD22EE045	Varshini
70.	Shivanna. S. Bal	2VD22EE036	Shivanna



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IMPACT LECTURE – 1

RECENT DEVELOPMENTS & NOVEL APPROACHES FOR INNOVATION,
ENTREPRENEURSHIP & INTELLECTUAL PROPERTY

(28.06.2024)

Students Attendance Report

Sl. No.	Student Name	USN	Sign
71.	Taiyyaba Sayed	2VD22EE012	Ftt
72.	Venkata Shrawani Gk	2VD22EE046	Saiw
73.	Namrata B. Talwar	2VD22EE024	Namrata
74.	Deekshita .T.RAO	2VD22EE012	Deekshita
75.	Chaitra B.	2VD22EE008	Chaitra
76.	Soumya .Ti	2VD22EE040	Soumya
77.	Rani . P. B	2VD22EE031	Rani
78.	Tshwari .T.	2VD22EED16	Tshwari
79.	Bhoomika , M.	2VD22EE007	Bhoomika
80.	MD. Toufik. R. m	2VD22EE411	Toufik
81.	Nishal .R.N.	2VD22EE431	Nishal
82.	Nasiruddin.M.khazri	2VD21EE010	Nasiruddin
83.	Nikhil.C.Patil	2VD21EC059	Nikhil
84.	Aditya Madhusudana	2VD21EC006	Aditya
85.	Geegadhas .y.H	2VD22EC038	Geegadhas
86.	Karthik . Birje	2VD22EC046	Karthik
87.	Kishor . Ashutara	2VD22EC051	Kishor
88.	Harish . KALKUMBAR	2VD22EC039	Harish
89.	Abhishek . Murevalli	2VD22EC002	Abhishek
90.	Isanna . Agri	2VD22EC042	Isanna
91.	Dasshan Bagalkot	2VD22EC029	Dasshan
92.	Manoj S. Kooz	2VD22EC056	Manoj
93.	Rohit Kyaakoppa	2VD22EC085	Rohit
94.	Ramangadh Burecher	2VD22EC083	Ramangadh
95.	Rahul S Dodamani	2VD22EC078	Rahul
96.	Shivanand Bendiger	2VD22EC098	Shivanand
97.	Raghvendra Giridic	2VD22EC077	Raghvendra
98.	Fakrudin Ahmad	2VD22EC034	Fakrudin
99.	Anwar Anzasi	2VD22EC018	Anwar
100.	Mohammed Tanzil	2VD22EC059	Mohammed
101.	Rakshit Jadhav	2VD21EC069	Rakshit
102.	Navin N .B. Borevi	2VD21EC056	Navin
103.	Prashant . R. Kin	2VD21EC066	Prashant
104.	Prathamesh . U. P	2VD21EC067	Prathamesh
105.	Abhishek .P. Sorevi	2VD21EC004	Abhishek



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IMPACT LECTURE – 1

RECENT DEVELOPMENTS & NOVEL APPROACHES FOR INNOVATION, ENTREPRENEURSHIP & INTELLECTUAL PROPERTY

(28.06.2024)

Students Attendance Report

Sl. No.	Student Name	USN	Sign
106.	Abhinandan Tolasa	2VD21EC003	
107.	Rashmi B.R	2VD21EC072	
108.	Prasanna Mehata	2VD22EC073	
109.	Suhel . Shaikh	2VD22EC108	
110.	Shashivataasa .D	2VD22EC103	
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KLSVDIT/206 | 2024

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Date: 28.06.2024

To.
Mr. Ajay S. Kabadi,
Founder & CEO,
Docketrun Tech. Pvt. Ltd., Hubballi.

Sir,


Subject: Thanks Giving – reg...

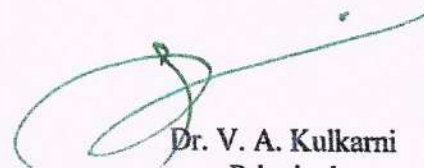
We thank you wholeheartedly for accepting our Invitation to be the **Expert Speaker** for the **Session** entitled “**Recent Developments & Novel Approaches for Innovation, Entrepreneurship & Intellectual Property**” for **Students & Staff Members** of **KLS VDIT, Haliyal** held on **28th June 2024**. This prime event was organized under **Impact Lecture Scheme, Institution’s Innovation Council (IIC), Ministry of Education, New Delhi**.

Your technical knowledge and expert talk has really enlightened our **Students and Staff Members**, oriented them towards various aspects of **Innovation, Entrepreneurship & Intellectual Property**.

Anticipating your assistance in all our future endeavors.

Thanking you,


Dr. Mahendra M. Dixit
President IIC
Prof. & Head (E&CE)
PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
KLS VDIT, HALIYAL -581329
IIC CODE: IC202218479

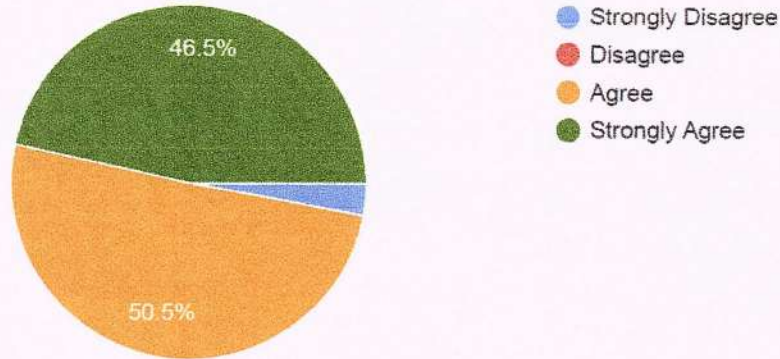

Dr. V. A. Kulkarni
Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal



FEEDBACK REPORT OF IMPACT LECTURE – 1

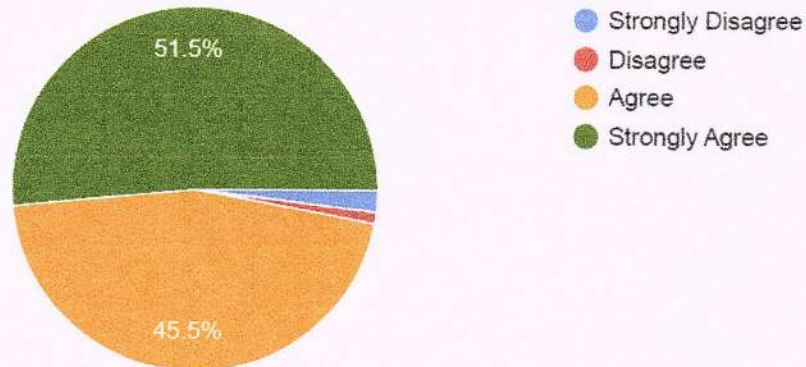
The Information Presented in the Impact Lecture was useful

101 responses



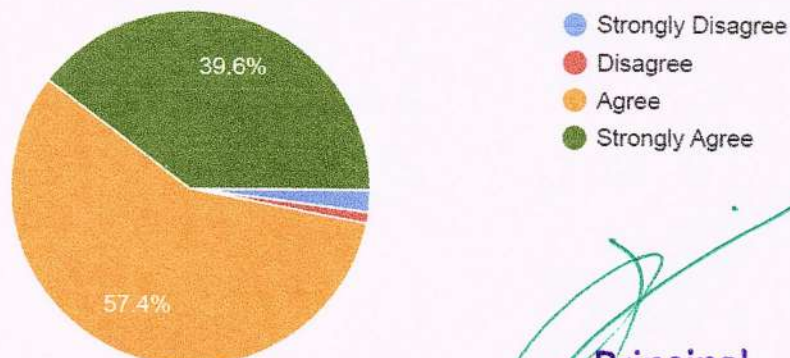
The Speaker was Engaging and Knowledgeable

101 responses



The Format was Enjoyable and made Appropriate use of Technology

101 responses



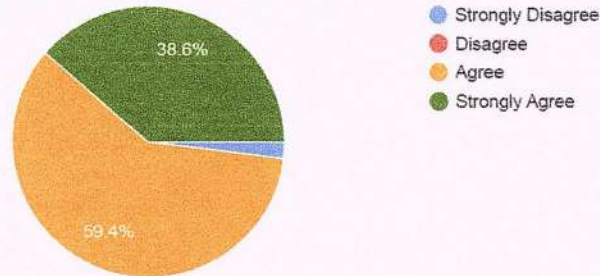

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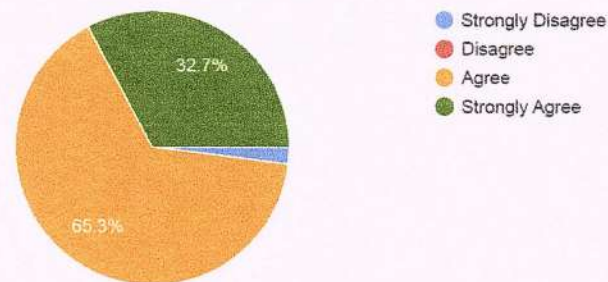
Impact Lecture helped you to Acquire New Knowledge or Skills

101 responses



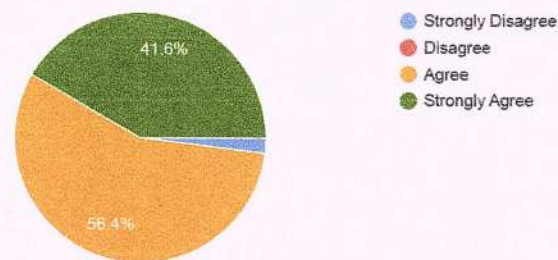
Was the Q&A session helpful for Enhancing your Understanding

101 responses



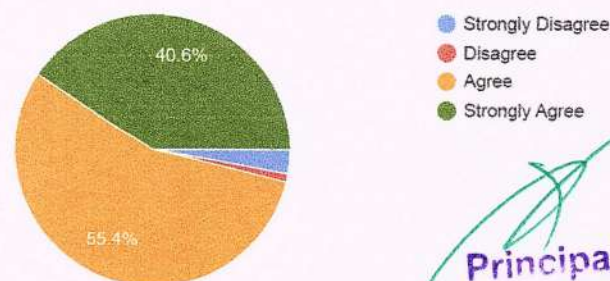
Was the Impact Lecture helpful to take up Innovation and Entrepreneurship as a Career option

101 responses



How would you rate the overall Quality of the Impact Lecture

101 responses



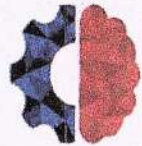

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IMPACT LECTURE SCHEME
GRANT-IN-AID : IIC-MoE
PHASE-1 2023-24 : LECTURE - 1
IIC CODE: IC202218479



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Certificate of Participation

This is to certify that Mr. / Ms. _____ of _____ Semester of

_____ Department has successfully participated in **Impact Lecture Series Lecture - 1: RECENT DEVELOPMENTS & NOVEL APPROACHES FOR INNOVATION, ENTREPRENEURSHIP & INTELLECTUAL PROPERTY** conducted through **GRANT-IN-AID : IIC-MoE PHASE-1 2023-24** on **28th June 2024** by Institution's Innovation Council, KLS V DIT, Haliyal.



djay/kabadi
Mr. Ajay S. Kabadi,
Founder & CEO,
Docketrun Tech. Pvt. Ltd., HBL

M.D.
Dr. Mahendra M. Dixit
President, IIC
PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
KLS V DIT, HALIYAL - 581328
IIC CODE: IC202218479

V.A.K.
Dr. V. A. Kulkarni
Principal
Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal



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GEO-TAGGED PHOTOGRAPHS OF IMPACT LECTURE – 1



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Date : 01.07.2024

To,
The Principal,
KLS VEDIT, Haliyal

Respected Sir,

Subject: Successful conduction of First Impact Lecture & Bill Settlement – reg...

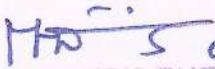
With reference to the above cited subject, Institution's Innovation Council of KLS VEDIT has successfully conducted its First Impact Lecture session entitled "Recent Developments & Novel Approaches for Innovation, Entrepreneurship & Intellectual Property" on 28th June 2024.


In this connection, expenditure details are as below.

Sl. No.	Particulars	Amount in Rs.
1	Honorarium to Mr. Ajay S. Kabadi (Rs. 2,700/- Honorarium (UTR:UBINJ24180629268, Dtd. 28.06.2024) + Rs. 300/- TDS)	3,000/-
2	TA/DA of Expert Speaker (UTR:UBINJ24180634024, Dtd. 28.06.2024)	3,000/-
3	Venue related expenditure including Food and Snacks Rs. 3,450/- Snacks for Participants & Lunch for Expert Speaker, Deans & HoDs Rs. 825/- Breakfast for Expert Speaker, Deans & HoDs	4,275/-
Total		10,275/-
Amount in Words: Ten Thousand Two Hundred and Seventy Five Rupees Only		

Thanking You,

Yours faithfully,


01.07.2024
PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
KLS VEDIT, HALIYAL -581329
IC CODE: IC202218479


Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

Encl.: Bills and Vouchers



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KLSVDIT/ 186 | 2024

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Date : 18.06.2024

To,
Mr. Murali Anur,
Director – Environics,
Bangalore.

Sir,

Subject: Invitation to be the Expert Speaker for Session entitled “Nurturing Leadership Potential of Student Innovators, Entrepreneurs adopting IPR & Design Thinking” – reg...

Greetings from KLS VDIT, Haliyal !!!

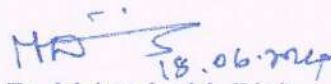
It is our proud privilege to invite you as **Expert Speaker** for the **Session** entitled “Nurturing Leadership Potential of Student Innovators, Entrepreneurs adopting IPR & Design Thinking” on **5th July 2024**, from **10:00 AM** Onwards for the **Students & Staff Members** of KLS VDIT, Haliyal.

This event is organized under the **Impact Lecture Series / Scheme, Institution's Innovation Council (IIC), KLS VDIT, Haliyal**. You are hereby requested to enlighten our Students & Staff Members with your *domain expertise* and address the gathering.

Kindly accept our invitation & oblige.

Thanking You,

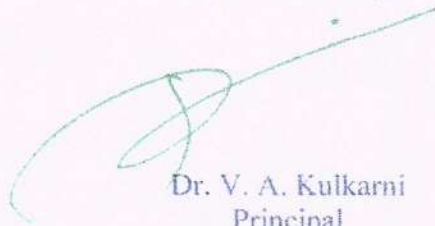
Yours faithfully,


18.06.2024

Dr. Mahendra M. Dixit
President IIC

Prof. & Head (E&CE)
PRESIDENT,

INSTITUTION'S INNOVATION COUNCIL,
KLS VDIT, HALIYAL -581329
IIC CODE: IC202218479


Dr. V. A. Kulkarni
Principal

Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal



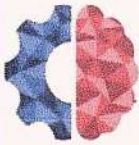
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**IMPACT LECTURE SERIES
GRANT-IN-AID: IIC-MOE, PHASE - 1 2023-24**



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IMPACT LECTURE - 2

**NURTURING LEADERSHIP POTENTIAL
OF STUDENT INNOVATORS, ENTREPRENEURS
ADOPTING IPR & DESIGN THINKING**

Mr. Murali Anur,
Director – Environics,
Bangalore



10:00



5th July 2024,
10.00 AM
Visvesvaraya
Seminar Hall



: IIC CODE : IC202218479

Dr. Mahendra M. Dixit
President, IIC

Dr. V. A. Kulkarni
Principal

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IMPACT LECTURE SERIES

GRANT-IN-AID: IIC-MOE, PHASE - 1 2023-24

**NURTURING LEADERSHIP POTENTIAL OF STUDENT
INNOVATORS, ENTREPRENEURS ADOPTING IPR &
DESIGN THINKING**

Date: 05.07.2024

PROGRAM AGENDA - IMPACT LECTURE 2

1. Formal Welcome - **Prof. Shree Gowri S. S., Master of Ceremony**
2. Invocation Song - **Ms. Srusti Sugate, 6th Semester Student**
3. Introduction of Resource Person - **Prof. Suraj Kadli**
4. Inauguration Ceremony by Dignitaries - **Watering the Plant**
5. Welcome Address & About the event - **Dr. Mahendra M. Dixit, President IIC,
Prof. & Head, Dept. of E&CE**
6. Address by Resource Person - **Mr. Murali Anur, Director,
Envionics, Bangalore**
7. Presidential Remarks – **Dr. V. A. Kulkarni, Principal, KLS Vdit, Haliyal**
8. Vote of Thanks – **Prof. Pavitra Badiger**



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----- **About Murali R Anur** -----

Murali is a seasoned IT professional and a serial entrepreneur in the renewable energy segment with specific focus on Biomass/Solar energy and IoT Domain, currently engaged in his 3rd Startup in Bangalore in IoT smart water solutions.

Murali has worked and achieved excellent results in many software projects in the domains of software testing, network testing, and network implementations.

Apart from this Murali has succeeded in building a unique green power business model in the country which is now identified as a Model Investment Project by UNDP-MIP

Murali accepts nothing less than complete fulfillment of organizations and management goals; Murali is committed to helping the organizations and transform themselves into market leaders.

Murali is currently the owner of M/s Envirionics. This company is into the business of providing end-to-end Smart water management Solutions. The company is a World Bank Empaneled Vendor for Smart IoT water measurement solutions.

----- **As a Strategic Professional** -----

Working as a Strategic Professional and a leader with leading IT organization & his own company in the country, Murali on one hand has built professional experience and enormous knowledge while on other hand has delivered world-class strategic business, innovative and technology solutions that enabled the organizations to become high performance and high profitable businesses achievers.

In addition, Murali applies skills in project and program management while exhibiting leadership in the process re-engineering and implementation of process, technology, and organizational change.

Serving for over 3 decades, travelled to many countries and contributed to over 6 IT organizations. Murali possesses working & perceptive knowledge of the IT industry with utmost innovative yet practical solutions with well-developed practice of converting knowledge into action. Developing highly customized processes as per the clients and organizations need, is the seasoned topping of Murali's professional spectrum.


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----- Knowledge & Experience -----

IoT & Automation Domain

Murali currently runs an IoT startup company in the water conservation domain. They help customers save water & reduce dependency on external water sources with their unique IoT & automation solutions.

- Smart water metering
- Smart Gas metering
- Smart energy metering
- Smart transformer automation.
- Smart water level measurement & control.
- Smart automation of water treatment plants.
- Smart ID Cards and tracking.

Renewable Energy Business with focus on Biomass Power

Murali– a first time entrepreneur setup a unique green power initiative in the Biomass power domain and it's the first of its kind in the world. Some of the main areas where Murali focused and delivered are

- Strategic project planning and implementation.
- Implementing standardized operational process across the functions.
- Developing & Integrating IT services to enhance the productivity
- Administration & Logistics Management
- Streamlining Finance processes.
- Energy audit & conservation methodologies
- Social inclusion in the projects.

IT Domain

Murali, with over 15 years of experience in the IT domain has contributed to the organization he was part off, in various domains. He has handled million-dollar projects spread across various geographic locations in the globe. Murali has expertise in:

- Software development life cycle & Software testing & automation
- Building test strategy for the various products
- Project planning, tracking & implementation
- Working with cross functional teams located at different geographic locations.
- Sound knowledge of networking domain & technology
- Presales & post sales functions.
- CCNP Certification, Foundry Network engineer


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GRANT-IN-AID: IIC-MOE, PHASE - 1 2023-24



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IMPACT LECTURE - 2

**NURTURING LEADERSHIP POTENTIAL OF STUDENT INNOVATORS,
ENTREPRENEURS ADOPTING IPR & DESIGN THINKING**

Academic Year	2023-24 (IIC6.0)
Program Information	Program under Grant-In-Aid, IIC, MoE
Program Type / Mode	Impact Lecture Scheme / Series (Impact Lecture - 2) / Offline
Grant-In-Aid Information	Rs. 20,000/- Order No.: Vch. No. 1777, Dtd. 19-Mar-2024 UTR: SBIN424080943239 Dtd.: 20-Mar-2024
Program Theme	Innovation / Entrepreneurship / IPR / Design Thinking
Impact Lecture Title	Nurturing Leadership Potential of Student Innovators, Entrepreneurs Adopting IPR & Design Thinking
Activity Duration (In Hrs.)	05 Hrs.
Expert Speaker	Mr. Murali Anur, Director - Environics, Bangalore
Event Host	Dr. Mahendra M. Dixit, President, IIC, KLS VDIT, Haliyal
Event Schedule	5 th July 2024 at 10.00 AM, Visvesvaraya Seminar Hall
# Students Participants	209
# Faculty Participants	26
Remarks	Creating awareness about Innovation / Entrepreneurship / IPR / Design Thinking amongst Students & Faculty Members.

Objectives and Outcomes of the Program

- Straightening the connection of IIC Institutions with National Innovation and Entrepreneurial Ecosystem.
- To support IIC Institutions to generate awareness on Innovation, IPR and Start up in such Institutions with Funding Assistance from MIC & AICTE. Helping in establishing strong connections with Ecosystem Enablers at Regional and National Level.
- Aware Students and Faculty Members about the Innovation Ecosystem in their surrounding and at National Level. Streamlining the campus Innovation and Start-up Ecosystem.
- Awareness generation among Students, Faculty Members on recent developments and new approaches for Innovation, Entrepreneurship & Intellectual Property and their importance in Wealth Creation at Individual Level and at National Level.
- Nurturing Leadership Potential of Student Innovators and Entrepreneurs by providing them coordination role to achieve the program objective.
- Program will set foundation for Institute's participation in MoE's Innovation and Entrepreneurship initiatives such as IIC, NIRF-Innovation Ranking, Hackathons, NISP, YUKTI Innovation Repository, YUKTI Innovation Challenge and related programs at MIC and AICTE.

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Brief Report on Impact Lecture – 2

- The *Second Impact Lecture* under the MoE's *Impact Lecture Scheme* was scheduled on 5th July 2024 in the campus of KLS VEDIT, Haliyal. Dt: Uttar Kannada, Karnataka.
- The *Expert Speaker* on this occasion was Mr. Murali Anur, Director – *Envionics*, Bangalore who has been a seasoned *IT Professional* and a *Serial Entrepreneur* in the *Renewable Energy Segment* with specific focus on *Biomass / Solar Energy* and *IoT Domain*, currently engaged in his 3rd *Start-up* in Bangalore in *IoT Smart Water Solutions*.
- The program started with the formal Welcome, Introduction of Impact Lecture Scheme, Briefing profile of Mr. Murali Anur and a formal inaugural by Watering the Plant as a mark of affluence & new beginning.
- Mr. Murali briefed about understanding *One's Leadership Qualities* and *Potentials* which are essential for *Innovation leading to Entrepreneurship* through imbibing *IPR* during his keynote address. In addition, he emphasised on *Innovation & Entrepreneurial* initiatives to Students through his rich experiences.
- Mr. Anur suggested Students to take up *Literature* on presently *Trending Technologies*, which are available in the market, to make an attempt to shortlist based on specific interest & prototyping them at fundamental level.
- Expert Speaker in continuation with his presentation, he demonstrated several successfully implemented products which are highly demanding, sellable presently by *Envionics*.
- Mr. Murali opened up *several avenues* to Students on taking up the *Development of Start-ups* in the domains such as *Smart IoT based Water Management System, Smart Energy Meters, Smart ID Cards & Tracking* and *other Societal Relevant Topics*.
- He also focussed on *Developing Test Strategies for Various Products, Project Planning, Tracking & Implementation, Renewable Energy Management & Other Engineering* sectors through the thorough knowledge of all the *Allied Fields of Engineering*.
- The session by the Expert Speaker was really inspiring, since it has covered the *Engineering Branches of Information Technology and Core Specialisations*. Mr. Anur expressed his readiness towards *guiding Students Projects*, providing assistance in setting up *Entrepreneurship* and handholding in all the matters of *IPR*.
- Dr. V. A. Kulkarni, Principal, KLS VEDIT pleased to see more than 200 participants attending the event & shared his happiness towards successful conduction of Impact Lecture Scheme & *Lecture – 2* by Mr. Murali Anur.
- Principal presented Presidential Remarks and extended Gratitude to the Expert Speaker for sharing his *invaluable time & active involvement* in moulding Students towards *Entrepreneurship* with guided experiential *Design Thinking Leading to IPR*.
- Dr. Mahendra M. Dixit, President, IIC and Dr. V. A. Kulkarni, Principal extended thankfulness to IIC MoE for shortlisting KLS VEDIT, Haliyal for providing Grant-In-Aid for the conduction of Impact Lecture Scheme.

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GLIMPSES OF EVENT



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IMPACT LECTURE – 2

NURTURING LEADERSHIP POTENTIAL OF STUDENT INNOVATORS,
ENTREPRENEURS ADOPTING IPR & DESIGN THINKING

(05.07.2024)

Faculty Attendance Report

Sl. No.	Faculty Name	Branch	Sign
1.	SURAJ KADLE	ECE	[Signature]
2.	Dr. Manal Katiwal	ECE	[Signature]
3.	Preraj C Shindhe	ECE	[Signature]
4.	Ashwini G	ECE	[Signature]
5.	Anita H	ECE	[Signature]
6.	Pavitra B	ECE	[Signature]
7.	Sheetal N. M	ECE	[Signature]
8.	Vijayalaxmi Kalat	ECE	[Signature]
9.	Plavin F Desu	EEC	[Signature]
10.	Shree Gowri SS	ECE	[Signature]
11.	Dr. G. K. K. K.	ME	[Signature]
12.	Dr. V. K. K.	Civil	[Signature]
13.	A. V. Kolaki	EEE	[Signature]
14.	P. P. P. P.	CSE/AINL	[Signature]
15.	K. K. K. K.	EE	[Signature]
16.	Naveen S. Hirani	MIE	[Signature]
17.	Raviendra Motkar	EEE	[Signature]
18.	Rajeshwari N.	EEE	[Signature]
19.	S. M. Hegde	EEE	[Signature]
20.	Vijay Basantadi	EEE	[Signature]
21.	Nikita Kulkarni	ECE	[Signature]
22.	Rajit Acharya	Mech	[Signature]
23.	Rohini Kallur	ECE	[Signature]
24.	Rajeshwari N.	ECE	[Signature]
25.	Sudhambra Talagur	ECE	[Signature]
26.	B. N. Choukmal	EEC	[Signature]

[Signature]
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ENTREPRENEURS ADOPTING IPR & DESIGN THINKING

(05.07.2024)

Students Attendance Report

Sl. No.	Student Name	USN	Sign
1.	Srishti S. Sugale	2VD22EC102	
2.	Shamanta J. Pujari	2VD22EC060	
3.	Bhagyalaxmi A.	2VD22EC025	
4.	Khushi Bagade	2VD22EC049	
5.	Hemavati Sabnis	2VD22EC040	
6.	K.P. Chinmayi	2VD22EC049	
7.	Mahima H.	2VD22EC054	
8.	Sonija E. Chougale	2VD22EC106	
9.	Aarjita T. Subhe	2VD22EC022	
10.	Mahak J.	2VD22EC058	
11.	Akshata Pujari	2VD22EE004	
12.	Pariya Chougale	2VD22EC075	
13.	Priyanka S. Hiremath	2VD22EC076	
14.	Sindhu M. Desai	2VD23EC410	
15.	Sakshi S. Hiremath	2VD22EC090	
16.	Tulasa Patil	2VD22EC114	
17.	Annapurneshwari KH	2VD22EC018	
18.	Annapurna M.B	2VD22EC017	
19.	Sahana M. Nayak	2VD21EC074	
20.	Sripriya H R	2VD21EC101	
21.	Manjula A. Valmiki	2VD22EC055	
22.	Anveta S. Betageri	2VD22EC020	
23.	Deeksha C. Kulkarni	2VD22EC030	
24.	Aishwarya Ronad	2VD22EC007	
25.	Sushmita Bhoomannaray	2VD22EC112	
26.	Susabhi Kulkarni	2VD22EC110	
27.	Savithi H	2VD22EC096	
28.	Vaishali Datta	2VD22EC117	
29.	Supriya Neelagund	2VD22EC109	
30.	Shreya V. Kallapur	2VD22EC100	
31.	Sneha Biradar	2VD21EC094	
32.	Sneha P. Balakrishna	2VD21EC096	
33.	Vaishnavi Kulkarni	2VD21EC114	
34.	Sahasini Phatak	2VD21EC103	
35.	Shreerajee Jadhav	2VD22EC101	

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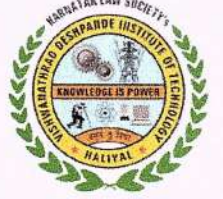
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Students Attendance Report

Sl. No.	Student Name	USN	Sign
36.	Sahitya chetty	2VD22EC088	[Signature]
37.	Rakshita D	2VD22EC082	Rakshita
38.	Narasimhara Patil	2VD22FC118	Vale
39.	Sakshi S. D	2VD22EC091	[Signature]
40.	Amulya P	2VD22EC015	[Signature]
41.	Gausi. Padi	2VD21EC032	[Signature]
42.	Meelha Naragund	2VD21EC078	m.s.n
43.	Geetati P. Babati	2VD22EC113	Geetati
44.	Sakshi. Patil	2VD22EC089	[Signature]
45.	Saman M. R	2VD22EC092	[Signature]
46.	Zuberiya. M. G	2VD22EC126	[Signature]
47.	Rakshita Hulkekar	2VD21EC070	Rakshita
48.	Shreya B.C	2VD21EC090	[Signature]
49.	C. Lalitha	2VD21EC028	Lalitha
50.	Nagaveni P. B	2VD21EC054	[Signature]
51.	Nagarbhat Hulkekar	2VD21EC053	[Signature]
52.	Varsha U Hegade	2VD21EC116	Varsha H.
53.	Pallavi M Betsur	2VD21EC061	Pallavi
54.	Pooja. M Betsur	2VD21EC064	Pooja
55.	Pamyaashree Nayak	2VD21EC071	Pamya
56.	Smadani. M	2VD21EC093	Smadani
57.	Nishakha G Acharya	2VD22EC123	Nishakha
58.	Shradha G. Mahajan	2VD22EC099	[Signature]
59.	Shweta. Hulloli	2VD23EC409	[Signature]
60.	Mangal Grewal	2VD23EC404	Mangal
61.	Samita Maddani	2VD23EC407	[Signature]
62.	Arpita S. Mirashi	2VD21EC031	Arpita
63.	Apeksha K. Kumbhar	2VD21EC017	Apeksha
64.	Ankita V. Ghate	2VD21EC014	Ankita
65.	VERONICA	2VD21EC118	[Signature]
66.	Sanjana R. S.	2VD21EC082	Sanjana
67.	Makshi M. S	2VD21EC044	Makshi
68.	Shrutti. Baji	2VD21EC091	[Signature]
69.	Aishwarya. Ganangatti	2VD21EC009	Aishwarya
70.	Sanjana Shivpurwath	2VD21EC083	Sanjana



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Students Attendance Report

Sl. No.	Student Name	USN	Sign
71.	Muskan Pothan	2VD21EC052	Muskan
72.	Gagan Gadnkar	2VD21EC029	Gagan
73.	TAHIRA SHAIKH	2VD21EC110	Tahira
74.	Ankita A. Chavan	2VD21EC013	Ankita
75.	Mithali R. Sodekar	2VD21EC049	Mithali
76.	Tanushree Shinde	2VD21EC111	Tanushree
77.	Sanjana B. Patil	2VD21EC080	Sanjana
78.	Vaishnavi G. H	2VD21EC113	Vaishnavi
79.	Laami S. Gawnkar	2VD21EC042	Laami
80.	Netravati K. H	2VD21EC058	Netravati
81.	Laami Kuratti	2VD22EE018	Laami
82.	Sushma M. Madar	2VD22EE111	Sushma
83.	Saniyam Kathori	2VD23EE409	Saniyam
84.	Ravi P. Badiger	2VD22EE031	Ravi
85.	Yuvraj S. K	2VD23EE418	Yuvraj S. K
86.	Abdulrahman S	2VD21EC088	Abdulrahman
87.	Arijit Sanyal	2VD21EC021	Arijit
88.	Rohan Ghadi	2VD22EE084	Rohan
89.	Ramangada Bishnoi	2VD22EE083	Ramangada
90.	Amogh Patil	2VD23EE400	Amogh
91.	Venkatasa Madkar	2VD22EE411	Venkatasa
92.	Adityasing V. Basad	2VD21EC007	Adityasing
93.	data. M. Kambam	2VD21EC041	data. M. Kambam
94.	Sahana S. B	2VD21EC075	Sahana
95.	Muktha D	2VD21EC051	Muktha D
96.	Sahana U. M	2VD21EC076	Sahana
97.	Aishwarya Paniketti	2VD21EC008	Aishwarya
98.	Apoorva Deshpande	2VD21EC018	Apoorva
99.	Pashani Kalakur	2VD21EC072	Pashani
100.	Shreerav Sathal	2VD21EC089	Shreerav
101.	Sanjana Koladen	2VD21EC081	Sanjana
102.	Sandhya N. S	2VD21EC079	Sandhya
103.	Shivalbela S. Kusnigal	2VD21EC086	Shivalbela
104.	Aparna P. Pawar	2VD21EC016	Aparna
105.	Naveen C. Kashig	2VD21EC057	Naveen



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(05.07.2024)

Students Attendance Report

Sl. No.	Student Name	USN	Sign
106.	Arpita .M. Sholapur	2VD21EC019	Arpita
107.	Megha .K. Shinde	2VD21EC047	Megha
108.	Manjula .D. Karisiri	2VD21EC045	MDK
109.	Akshata .M. Hosamani	2VD21EC011	A.M.H
110.	Kavita .M. Hoodi	2VD21EC039	Kavita
111.	Anushree .B. G.	2VD21EC015	Anushree
112.	Pratiksha .P. H.	2VD21EC068	Pratiksha
113.	Sahana Swali .R.P.	2VD21EC109	Sahana
114.	Bhoojika .H.	2VD21EC022	Bhoojika
115.	Vanshika .P.	2VD21EC117	Vanshika
116.	Narayani .S.	2VD21EC055	Narayani
117.	Niketa .S.	2VD22EC065	Niketa
118.	Saahaswati .K.	2VD22EC095	Saahaswati
119.	Dakshata .V. G.	2VD21EC094	Dakshata
120.	Pavani .G. K.	2VD21EC063	Pavani
121.	Shifa .L. C.	2VD21EC085	Shifa
122.	Sushmita .M.	2VD21EC106	Sushmita
123.	Nisarga Handegund	2VD22EC067	Nisarga
124.	Poorvi .S. Vaddin	2VD22EC069	Poorvi
125.	Saipriya .S. Sanyal	2VD21EC097	Saipriya
126.	Vaishnavi .B. Wadgaonkar	2VD21EC015	Vaishnavi
127.	Sushmeeta M Badli	2VD21EC105	Sushmeeta
128.	Poojitra J N	2VD21EC065	Poojitra
129.	Dimpal .K. C.	2VD21EC027	Dimpal
130.	Vidya .N. H.	2VD22EC412	Vidya
131.	Kavita .N. Agri	2VD22EC402	Kavita
132.	Garaja .P. J.	2VD22EC410	Garaja
133.	Shraddha Joshi	2VD21EC100	Shraddha
134.	Tarun .S. S.	2VD21EC112	Tarun
135.	Dupreet .B. H.	2VD21EC104	Dupreet
136.	Godhish .M. Kotyal	2VD21EC037	Godhish
137.	Akhil .K. Kabbur	2VD21EC010	Akhil
138.	Garvit .V. Poojari	2VD21EC030	Garvit
139.	Sourbh .Hombal	2VD21EC098	Sourbh
140.	Sanjeeva Gurda Desai	2VD21EC084	Sanjeeva



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Sl. No.	Student Name	USN	Sign
141.	Pragwal Kumar Reddy	2VD22EC407	[Signature]
142.	Karthik A. Koral	2VD21EC037	[Signature]
143.	Mahesh S.K	2VD21EC043	[Signature]
144.	Kristik Adil	2VD21EC038	[Signature]
145.	Shivaprasad Naragund	2VD21EC088	[Signature]
146.	Deepak pupoor	2VD21EC096	[Signature]
147.	Swaroop. shetty	2VD21EC108	[Signature]
148.	Rohit Madhwal	2VD22EC408	[Signature]
149.	Amitkar V Timmarpu	2VD22EC406	[Signature]
150.	Hrush R Savadatti	2VD22EC401	[Signature]
151.	Nardkumar V. Taladi	2VD22EC413	[Signature]
152.	Kevin. S. Arthong	2VD22EC403	[Signature]
153.	Mahamed yasin Bin	2VD22EC404	[Signature]
154.	Karthik C.H	2VD22EC405	[Signature]
155.	Nagaraj A.K	2VD22EC405	[Signature]
156.	Chetan.H. Petur	2VD21EC023	[Signature]
157.	Karthik	2VD21EC036	[Signature]
158.	Abhishek P. Sanyal	2VD22EC004	[Signature]
159.	Adarsh. N. Patel	2VD21EC005	[Signature]
160.	Navreen. Banari	2VD21EC056	[Signature]
161.	Harish.m.Kalkumbar	2VD22EC039	[Signature]
162.	Tranna. Agni	2VD22EC042	[Signature]
163.	Manoj. Koni	2VD22EC056	[Signature]
164.	AKSHAY Sheelima	2VD22EC101	[Signature]
165.	Dinshan J Bagathol	2VD21EC029	[Signature]
166.	Amran D.	2VD22EC013	[Signature]
167.	Ahmed Bidinval	2VD22EC034	[Signature]
168.	Tanzil M.	2VD22EC039	[Signature]
169.	Suhel S.	2VD22EC108	[Signature]
170.	Babel A Kyaskopp	2VD22EC085	[Signature]
171.	Anurag. Dindalkopp	2VD22EC019	[Signature]
172.	Sidharth Dindalkopp	2VD22EC106	[Signature]
173.	Shruti Reddy	2VD22EC106	[Signature]
174.	Vaasu. S Pavate	2VD23EC411	[Signature]
175.	Suhel S	2VD22EC108	[Signature]



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(05.07.2024)

Students Attendance Report

Sl. No.	Student Name	USN	Sign
176.	VINAYAK. M.B	2VD21EC119	[Signature]
177.	VISHWANATH.K	2VD21EC121	[Signature]
178.	Vital.D	2VD21EC122	[Signature]
179.	SHIVLING.K.	2VD21EC087	[Signature]
180.	Revan.S.Borges	2VD22EC409	Revan.S.Borges
181.	Mahantesh.H	2VD22EC053	[Signature]
182.	Devasaj.TK	2VD22EC031	[Signature]
183.	Vittal.S.G	2VD22EC124	[Signature]
184.	Vikram.S.Tigadi	2VD22EC120	[Signature]
185.	Yakkling.Dalavayi	2VD22EC125	[Signature]
186.	Nikhil.C.Patil	2VD21EC059	[Signature]
187.	Aditya.M	2VD21EC006	[Signature]
188.	PANDURANG Kulkarni	2VD22EC027	[Signature]
189.	Prashant.R.Kini	2VD21EC066	[Signature]
190.	Prathamesh.Prabhu	2VD21EC067	[Signature]
191.	Abhinandan.S.T	2VD21EC003	[Signature]
192.	Prashant.M.Nemke	2VD23EC405	[Signature]
193.	Spandan.Ragote	2VD21EC099	[Signature]
194.	Prashant.DUC	2VD21EC025	[Signature]
195.	Russell.R.M	2VD21EC043	[Signature]
196.	Mouibant M.M	2VD21EC000	[Signature]
197.	Suzal.P.Madiwal	2VD22EC111	[Signature]
198.	shreepad E Gundupkar	2VD23EC408	[Signature]
199.	Ayan.Paniband	2VD23EC401	[Signature]
200.	Gusudatta.Salinke	2VD23EC403	[Signature]
201.	Zebulun.D.P	2VD21EC124	[Signature]
202.	Gagan.G.G	2VD21EC029	[Signature]
203.	Suryam.S.T	2VD21EC107	[Signature]
204.	Vishwanth.G	2VD21EC123	[Signature]
205.	Rahul.Dodamani	2VD22EC078	[Signature]
206.	Prasanna.mohala	2VD22EC073	[Signature]
207.	Raghavda.ghodke	2VD22EC071	[Signature]
208.	Kishraj.Namdar	2VD22EC0116	[Signature]
209.	Pranjwal.S.Pise	2VD22EC071	[Signature]
210.			



INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)
PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
KLS VDIIT, HALIYAL - 581329

Principal
KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal
Ministry of Education
INNOVATION CELL



KLS VISHWANATHRAO DESHPANDE INSTITUTE OF TECHNOLOGY, HALIYAL

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Approved by A.I.C.T.E., New Delhi, Affiliated to V.T.U., Belagavi

Udyog Vidyanagar, Dandeli Road, Haliyal - 581 329, Dist: Uttara Kannada, Karnataka

Ph : 08284-220861, 221409 Mob : 9449454542 Fax : 08284-220813 www.klsvdit.edu.in | principal@klsvdit.edu.in



KLSVDIT/227/2024

NAAC
Accredited with 'A' Grade

Date : 05.07.2024

To,
Mr. Murali Anur,
Director - Environics,
Bangalore.

Sir,

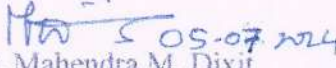
Subject: Thanks Giving - reg...

We thank you wholeheartedly for accepting our Invitation to be the **Expert Speaker** for the **Session** entitled "Nurturing Leadership Potential of Student Innovators, Entrepreneurs adopting IPR & Design Thinking" for Students & Staff Members of KLS VDIT, Haliyal held on 5th July 2024. This prime event was organized under **Impact Lecture Scheme, Institution's Innovation Council (IIC), Ministry of Education, New Delhi.**

Your technical knowledge and expert talk has really enlightened our Students and Staff Members, oriented them towards various aspects of Innovation, Entrepreneurship & Intellectual Property.

Anticipating your assistance in all our future endeavors.

Thanking you,


Dr. Mahendra M. Dixit
President IIC

Prof. & Head (E&CE)
PRESIDENT,

INSTITUTION'S INNOVATION COUNCIL,
KLS VDIT, HALIYAL -581329
IIC CODE: IC202218479


Dr. V. A. Kulkarni

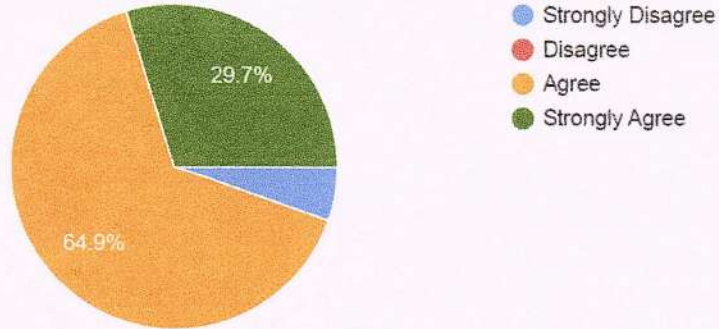
Principal

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Institute of Technology, Haliyal

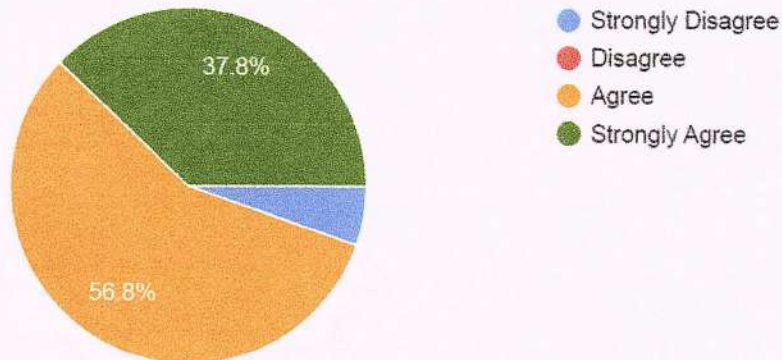


FEEDBACK REPORT OF IMPACT LECTURE – 2

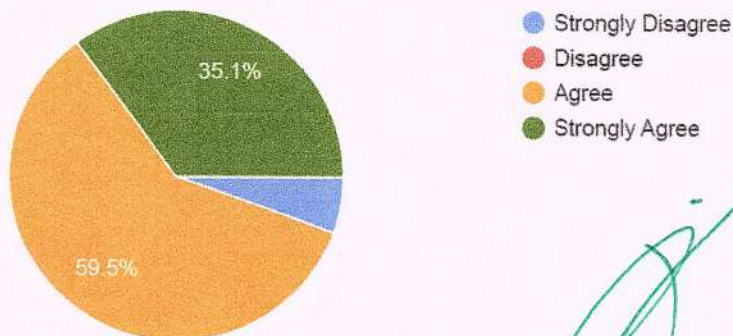
The Information Presented in the Impact Lecture was useful



The Speaker was Engaging and Knowledgeable



The Format was Enjoyable and made Appropriate use of Technology

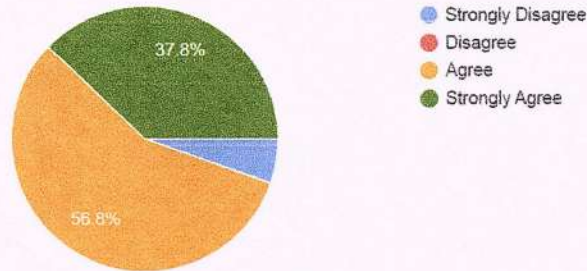



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INSTITUTION'S INNOVATION COUNCIL,
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IC CODE: IC202218479

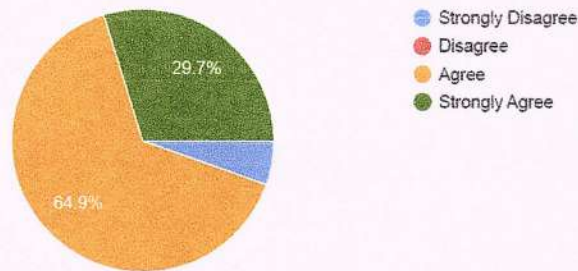

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KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal



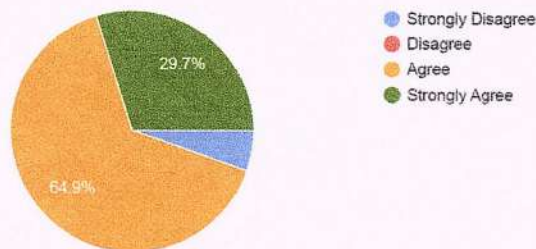
Impact Lecture helped you to Acquire New Knowledge or Skills



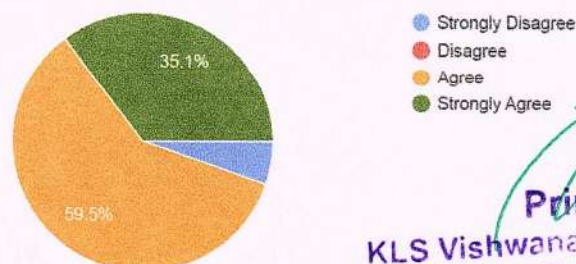
Was the Q&A session helpful for Enhancing your Understanding



Was the Impact Lecture helpful to take up Innovation and Entrepreneurship as a Career option



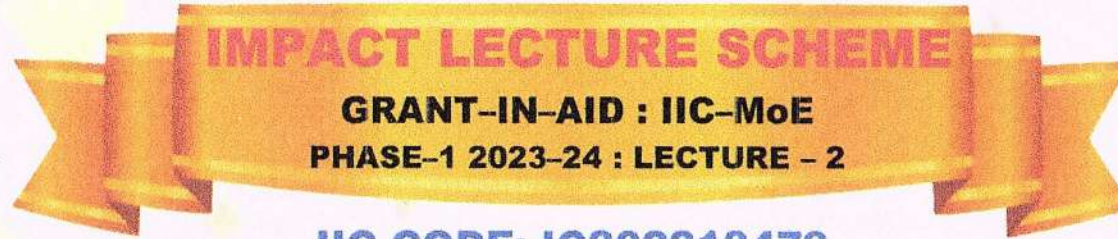
How would you rate the overall Quality of the Impact Lecture





KLS V D I T

Transforming Through Technology



Certificate of Participation

This is to certify that Mr. / Ms. _____ of _____ Semester of

_____ Department has successfully participated in **Impact Lecture Series Lecture - 2: NURTURING**

LEADERSHIP POTENTIAL OF STUDENT INNOVATORS, ENTREPRENEURS

ADOPTING IPR & DESIGN THINKING conducted through **GRANT-IN-AID : IIC-MoE PHASE-1**

2023-24 on **5th July 2024** by Institution's Innovation Council, KLS V D I T, Haliyal.




Mr. Murali Anur,
Director - EnviroNics,
Bangalore


Dr. Mahendra M. Dixit
President, IIC
PRESIDENT,
INSTITUTION'S INNOVATION COUNCIL,
KLS V D I T, HALIYAL, 581320
IIC CODE: IC202218479


Dr. V. A. Kulkarni
Principal
Principal



KLS Vishwanathrao Deshpande
Institute of Technology

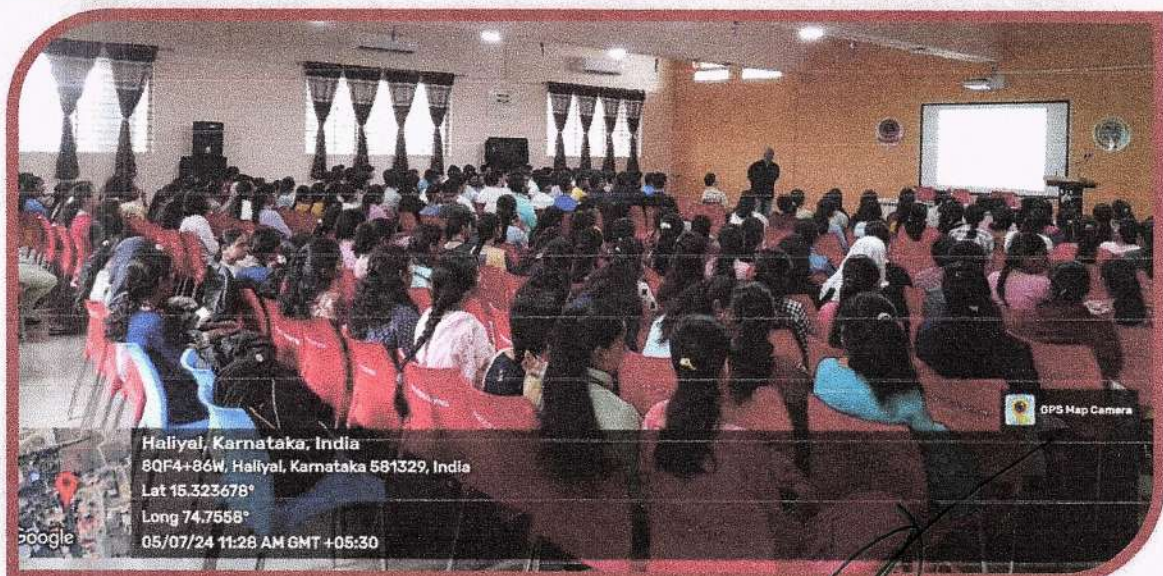
KLS Vishwanathrao Deshpande Institute of Technology

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GEO-TAGGED PHOTOGRAPHS OF IMPACT LECTURE – 2



PRINCIPAL,
INSTITUTION'S INNOVATION COUNCIL,
KLS V D I T, HALIYAL -581329
IIC CODE: IC202218479

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Institute of Technology, Haliyal



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NAAC
Accredited with 'A' Grade

Date : 10.07.2024

To,
The Principal,
KLS V DIT, Haliyal

Respected Sir,

Subject: Successful conduction of Second Impact Lecture & Bill Settlement – reg...

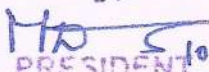
With reference to the above cited subject, Institution's Innovation Council of KLS VDIT has successfully conducted its **Second Impact Lecture Session** entitled "Nurturing Leadership Potential of Student Innovators, Entrepreneurs adopting IPR & Design Thinking" on 5th July 2024.

In this connection, expenditure details are as below.

Sl. No.	Particulars	Amount in Rs.
1	Honorarium to Mr. Murali Anur (Rs. 2,700/- Honorarium (UTR:UBINK24187012780, Dtd. 05.07.2024) + Rs. 300/- TDS)	3,000/-
2	TA / DA of Expert Speaker (UTR:UBINK24187025359, Dtd. 05.07.2024)	3,000/-
3	Venue related expenditure including Food and Snacks Rs. 1,344/- + Rs. 125/- Accommodation & Room Service Rs. 240/- Breakfast for Expert Speaker Rs. 3,455/- Snacks for Participants & Lunch to Expert Speaker, Deans & HoDs Rs. 350/- Dinner for Expert Speaker Rs. 825/- Local Conveyance & Evening Tea & Snacks Rs. 3,000/- Certificates for Participants (ILS-1 & ILS-2)	9,339/-
Total		15,339/-
Amount in Words: Fifteen Thousand Three Hundred and Thirty Nine Rupees Only		

Thanking You,

Yours faithfully,


PRESIDENT,

INSTITUTION'S INNOVATION COUNCIL,
KLS V DIT, HALIYAL -581329
IIC CODE: IC202218479

Encl.: Bills and Vouchers


Principal

KLS Vishwanathrao Deshpande
Institute of Technology, Haliyal

KLS Vishwanathrao Deshpande Institute of Technology



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PRESS AND MEDIA APPEARANCE

ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ತಂತ್ರಜ್ಞಾನದ ಮಾಹಿತಿ ಅವಶ್ಯ: ಕಬಾಡಿ

ಹಳಿಯಾಳ: ಕೆಎಲ್‌ಎಸ್‌ವಿಡಿಎಲ್‌ಎಚ್‌ಎಲ್‌ನಲ್ಲಿ ಕೇಂದ್ರ ಸರ್ಕಾರದ ಶಿಕ್ಷಣ ಸಚಿವಾಲಯದ ಅಧಿಕಾರ ವಹಿವಿತ್ತಿನ (ಎಂಐ) ವತಿಯಿಂದ ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಉದ್ಯಮಶೀಲತೆ ಪ್ರೋತ್ಸಾಹಿಸುವ ವ್ಯವಸ್ಥಾಪನಾ ಸಮಿತಿಯನ್ನು ಆಯೋಜಿಸಲಾಗಿದೆ.

ಈ ಸದನೆಯ ಒಂದನೇ ಉಪನ್ಯಾಸ ಕಾರ್ಯಕ್ರಮಕ್ಕೆ ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿಗಣನೆಗೆ ಮುಖ್ಯಸ್ಥರು ಜೋಕೆಪಿ,ನ್ ಟಿಕ್ ಡೈ. ಲಿ. ನ ಸಂಸ್ಥಾಪಕ ಹಾಗೂ ಮುಖ್ಯ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಧಿಕಾರಿ ಕಬಾಡಿ ಮಾತನಾಡಿ, ನೂತನ ತಂತ್ರಜ್ಞಾನಗೂದ ಕೃತಕ ಮಿಡ್ಲಿ ಮೆಕ್, ಯಂತ್ರ ಕಲಿಕೆ ಇವುಗಳಿಂದ ವಿನೂತನ ಅಧಿಕಾರಿಗಳನ್ನು ಮಾಡಲಾಗುತ್ತಿದ್ದು, ವಿದ್ಯಾರ್ಥಿಗಳು ತಂತ್ರಜ್ಞಾನಗಳ ಕುರಿತು ಮಾಹಿತಿ ಹೊಂದುವುದು ಅತ್ಯವಶ್ಯವಾಗಿದೆ ಎಂದರು.

ಈ ಸದನೆಯ ಎರಡನೇ ಉಪನ್ಯಾಸ ಕಾರ್ಯಕ್ರಮಕ್ಕೆ ಸಂಪನ್ಮೂಲ ವ್ಯಕ್ತಿಗಣನೆಗೆ ಬೆಂಗಳೂರಿನ ಎನ್‌ಎಸ್‌ಐ ಸಂಸ್ಥೆಯ ನಿರ್ದೇಶಕ ಮುರಳಿ ಅನೂಲ್ ಮಾತನಾಡಿ,

ವಿದ್ಯಾರ್ಥಿಗಳು ನಾಯಕತ್ವ ಗುಣವನ್ನು ಪಡೆದುಕೊಳ್ಳಬೇಕು. ಯಶಸ್ವಿ ಉದ್ಯಮಶೀಲರಾಗಲು ವಿದ್ಯಾರ್ಥಿಗಳು ಹೊಸ ಅಧಿಕಾರಿಗಳ



“
ನೂತನ ಅಧಿಕಾರಿಗಳು ಹಾಗೂ ಬೌದ್ಧಿಕ ಆಸ್ತಿ ಹಕ್ಕು, ನಾಯಕತ್ವ ಗುಣ ಹೊಂದುವ ಕುರಿತು ಅರಿವು ಹೊಂದಲು ವಿದ್ಯಾರ್ಥಿಗಳಿಗೆ ಈ ಕಾರ್ಯಕ್ರಮ ಸಹಕಾರಿಯಾಗಿದೆ.
■ ಡಾ. ವಿ.ಎ. ಕುಲಕರ್ಣಿ, ಪ್ರಾಚಾರ್ಯ
”

ಕುರಿತು ಮಾಹಿತಿ ಹೊಂದುವುದು ಅತ್ಯಗತ್ಯ. ಉದ್ಯಮ ಕ್ಷೇತ್ರದಲ್ಲಿ ಎದುರಾಗುವ

ಸವಾಲುಗಳನ್ನು ಸಮರ್ಥವಾಗಿ ಎದುರಿಸುವ ಮನೋಧೈರ್ಯವನ್ನು ವಿದ್ಯಾರ್ಥಿಗಳು ಪಡೆದುಕೊಳ್ಳಬೇಕೆಂದು ಹೇಳಿದರು.

ಅಧಿಕಾರ ವಹಿವಿತ್ತಿನ ಅಧ್ಯಕ್ಷ ಡಾ. ಮುಹೇಂದ್ರ ರಾಜೇಶ್ ಕಾರ್ಯಕ್ರಮ ಸಂಯೋಜಿಸಿದ್ದರು. ಮಹಾವಿದ್ಯಾಲಯದ ಅಧಿಕಾರ ವಹಿವಿತ್ತಿನ ವತಿಯಿಂದ ಆಯೋಜಿಸಿದ್ದ ಈ ಕಾರ್ಯಕ್ರಮದಲ್ಲಿ 180 ಹೆಚ್ಚು ವಿದ್ಯಾರ್ಥಿಗಳು ಭಾಗವಹಿಸಿದ್ದರು. ಈ ಸದನೇ ಉಪನ್ಯಾಸಗಳನ್ನು ಕೇಂದ್ರ ಶಿಕ್ಷಣ ಸಚಿವಾಲಯದ ಅನುಮಾನದಡಿ ಯಲ್ಲಿ ಆಯೋಜಿಸಲಾಗಿತ್ತು. ಕೆಎಲ್‌ಎಸ್‌ವಿಡಿಎಲ್‌ ಸೇವಾಕರ್ತೆ ವೇಶಾಧಿಕಾರಿ ಡಿ.ಬಿ. 181 ಶಿಕ್ಷಣ ಸಂಸ್ಥೆಗಳು ಈ ಅನುಮಾನಕ್ಕೆ ಆಯ್ಕೆಯಾಗಿದೆ.




 INSTITUTION'S INNOVATION COUNCIL,
 KLS VEDIT, HALIYAL -581329
 IIC CODE: IC202218479


Principal
 KLS Vishwanathrao Deshpande
 Institute of Technology, Haliyal



Contact Address:

**Karnatak Law Society's,
Vishwanathrao Deshpande Institute of Technology,
Udyog Vidya Nagar, Dandeli Rd, Haliyal,
Karnataka 581329**

E-mail: principal@klsvdit.edu.in Phone: 082842 20861

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