CHILDREN'S EDUCATION SOCIETY (Regd.)
Administrative Office:
1st Phase, JP Nagar, Bengaluru – 560 078
✆: 080-61754501 – 502 Fax: 080-2654 8658

THE OXFORD COLLEGE OF ENGINEERING

(Recognized by the Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi,
Approved by A.I.C.T.E. New Delhi & Recognized by UGC Under Section 2(f),
Accredited by NBA, New Delhi, NAAC 'A' Grade with score of 3.24 & Diamond Rating by QS I Guage)
Bommanahalli, Hosur Road, Bengaluru –560 068. ✆: 080 -61754601/602
E-mail: engprincipal@theoxford.edu Web: www.theoxfordengg.org

Professional development /administrative training programs organized by the institution for TEACFHING Staff

2023-2024			
Sl. No	Dates(from-to)(DD-MM-YYYY)	List of professional development / administrative training programmes conducted for teaching staff	No of Participants
1.	03.07.2024 to 04.07.2024	Cyber Security	20
2.	20.06.2024 to 22.06.24	workshop on "Design thinking through machine learning"	15
3.	09-05-2024	Faculty Development Programme on Unlocking Social Science Research: From Methodologies to Funding	37
4.	09-05-2024	Workshop on "Revolutionizing Innovation: A Dive into Product Development with Creo Parametric"	15
5.	15.04.2024 to 27.04.2024	International FDP on ""Advancement in Quantum Computing & Sensor Technology for Viksit	150
6.	22.04.2024 to 24.04.2024	Workshop on" Innovation and Design Thinking Opportunities through Problem Solving using Python Programming for Young Engineers"- Hands-on Session	15
7.	01.04.2024 to 05.04.2024	Frontiers of Photonic Integrated Circuits and Sensing Technologies	113
8.	07-03-2024	Workshop on "From Pixels to Plastic: Unleashing Innovation with 3D Printing"	15
9.	15-02-2024	Design thinking and Critical thinking concepts in VLSI Technology	15
10.	20.12.2023	Workshop on "Entrepreneurship opportunities through Wire Shark and Network Simulator -2"	15
11.	06.09.2023 to 23.09.2023	KSDC FDP	59
12.	21-08-2023 to 26-08-2023	Industrial application with integrated IoT and Labview	28
13.	24-07-23 to 28-07-2023	workshop program on "Know your intellectual property – Series 2	33

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Professional development /administrative training programs organized by the institution for NON TEACHING / TECHNICAL staff

2023-2024			
Sl. No	Dates(from-to)(DD-MM-YYYY)	List of professional development / administrative training programmes conducted for non-teaching/technical staff	No of Participants
1.	19-06-2024	MS Office Skills Development Program	21
2.	07-05-2024	Digital Literacy Training Program	20
3.	13-12-2023	Strengthening Communication Skills	20
4.	28-11-2023	Achieving Harmony: Balancing Professional and Personal Life	22
5.	30-08-2023	Effective Leadership skills	25
6.	28-08-2023	Financial Literacy Program	23

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CHILDREN'SEDUCATIONSOCIETY(Regd.)
THEOXFORDCOLLEGEOFENGINEERING
DEPARTMENT OF ISE
(Recognized by the Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi.
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Bommanahalli, Hosur Road, Bangalore - 560 068. Ph: 080-61754601/602, Fax: 080 - 25730551
E-mail: engprincipal@theoxford.edu Web: www.theoxfordengg.org

Date: 02-07-2024

CIRCULAR

This is to inform you that the department of ISE is organizing a **Workshop on *"Cyber Security"*** from 03-07-2024 to 04-07-2024. *A*ll the faculty members are informed to attend the workshop and make the best use of it.

Dr. R. KANAGAVALLI
PROFESSOR & HOD-ISE
The Oxford College Of Engineering
Bommanahalli, Hosur Main Road,
Bangalore 560 068.

THE OXFORD COLLEGE OF ENGINEERING

DEPARTMENT INFORMATION SCIENCE AND ENGINEERING

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Bommanahalli, Hosur Road, Bengaluru –560068.
✆: 080 -61754 601/602/604/736E-mail: engprincipal@theoxford.edu/email.. Web: www.theoxfordengg.org

REPORT

Workshop on Cyber Security

Organized by: Department Of ISE

Conducted by: MR Ajinkya (CTO & CO-Founder of DITTO SECURITY)

Duration of the course: 2 days from **03/07/2024 to 04/07/2024** (9.00AM-4:15pm)

Venue for Theory and Practical Sessions: The Oxford college of Engineering ISE Department (RoomNo:N408)

Poster for Workshop

THE OXFORD COLLEGE OF ENGINEERING

DEPARTMENT INFORMATION SCIENCE AND ENGINEERING

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✆: 080 -61754 601/602/604/736E-mail: engprincipal@theoxford.edu/email.. Web: www.theoxfordengg.org

Objectives for Cybersecurity

 Understand **Cybersecurity Fundamentals**

- Gain knowledge of basic cybersecurity concepts, principles, and practices.
- Learn about the different types of cyber threats and attacks.

 Learn **About Cybersecurity Tools and Techniques**

- Explore various cybersecurity tools used for threat detection and prevention.
- Understand how to use firewalls, antivirus software, and intrusion detection systems.

 Analyse **and Assess Security Risks**

- Learn how to identify and assess potential security risks within an organization.
- Understand risk management strategies and how to implement them effectively.

 Implement **Security Measures**

- Gain skills in implementing security measures to protect data and systems.
- Learn about encryption, authentication, and access control mechanisms.

 Monitor **and Respond to Security Incidents**

- Understand the processes for monitoring and detecting security incidents.
- Learn how to respond to security breaches and mitigate their impact.

 Comply **with Cybersecurity Standards and Regulations**

- Familiarize yourself with cybersecurity laws, regulations, and compliance requirements.
- Understand the importance of adhering to industry standards and best practices.

 Conduct **Security Audits and Assessments**

- Learn how to perform security audits and assessments to evaluate the effectiveness of security measures.
- Understand how to identify vulnerabilities and recommend improvements.

 Stay **Updated on Emerging Threats and Trends**

- Keep abreast of the latest cybersecurity threats, trends, and technologies.
- Learn how to adapt and respond to evolving cyber risks.

WORSHOP OVERVIEW

The Oxford College of Engineering organized a 2-day workshop on Cybersecurity for second-year students of the ISE department from 03/07/2024 to 04/07/2024. A total of 53 students enrolled for this program.

The sessions were held at the ISE department (Room No: N408), The Oxford College of Engineering, from 9:00 AM to 4:15 PM each of the 2 days.

Resource Person

The resource person, **Mr Ajinkya**, is a cybersecurity expert; He provided comprehensive instruction to the students on various aspects of cybersecurity.

Workshop Structure

Day 1:

Morning Session

- **Introduction to Cybersecurity**
  - Overview of cybersecurity fundamentals
  - Discussion on the importance of cybersecurity in today's digital world
- **Understanding Cyber Threats and Attacks**
  - Detailed explanation of different types of cyber threats and attacks
  - Case studies on recent cyber incidents

Afternoon Session

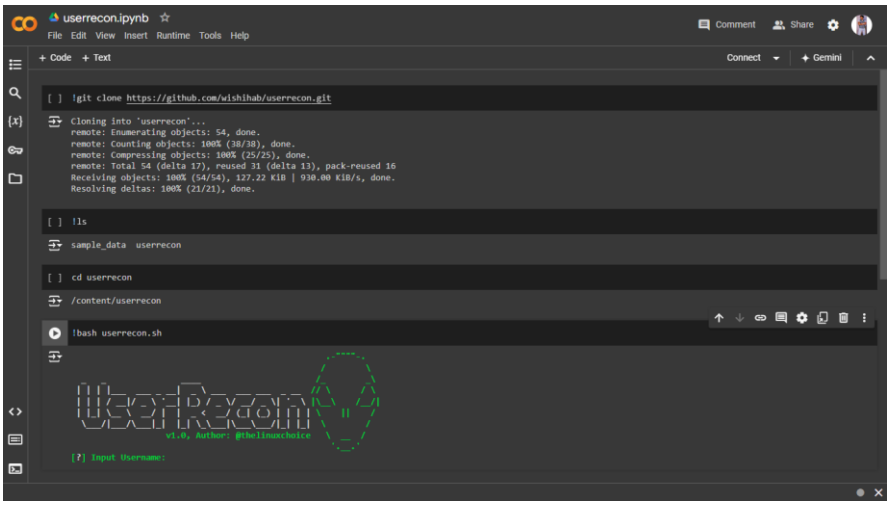
- **Cybersecurity Tools and Techniques**
  - Exploration of various tools used for threat detection and prevention
  - Hands-on sessions with firewalls and antivirus software
- **Network Security**
  - Securing network infrastructure

GPS Map Camera
Bengaluru, Karnataka, India
10th Milestone, Hosur Rd, Bommanahalli, Bengaluru, Karnataka 560068
Lat 12.897124°
Long 77.632379°
04/07/24 12:32 PM GMT +05:30
Google

TASKS DONE

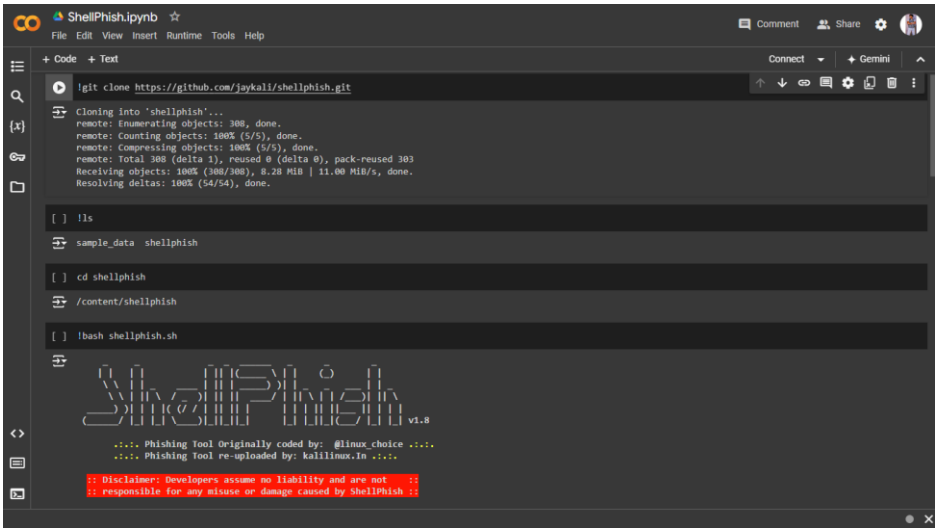
1. userrecon.ipynb

- **Description:** This image shows a Jupyter Notebook named userrecon.ipynb where the user has cloned a GitHub repository https://github.com/wishihab/userrecon.git. The repository is successfully cloned, and the contents are listed showing a directory named userrecon. The user then navigates into the userrecon directory and executes a bash script userrecon.sh.
- **Purpose:** The userrecon tool is designed for reconnaissance purposes. It helps in gathering information about user accounts across various platforms by inputting a username.



2. ShellPhish.ipynb

- **Description:** This image shows a Jupyter Notebook named ShellPhish.ipynb. Similar to the previous image, a GitHub repository https://github.com/jaykali/shellphish.git is cloned. The repository is successfully cloned, and the contents are listed showing a directory named shellphish. The user navigates into the shellphish directory and executes a bash script shellphish.sh.
- **Purpose:** ShellPhish is a phishing tool originally coded by @linux_choice. This tool is used for phishing attacks, where it can create phishing pages for various social media platforms and other websites to capture user credentials.



3. TBomb.ipynb

- **Description:** This image shows a Jupyter Notebook named TBomb.ipynb where a tool called TBomb by SpeedX is being used. The tool's requirements are installed, and the main interface of the tool is displayed. The interface provides options to start SMS, CALL, or MAIL bombers, which are used to send bulk messages, calls, or emails.
- **Purpose:** TBomb is a tool used for testing the resilience of SMS, call, and email services by bombarding them with a large volume of requests. It's typically used for stress testing communication services

OUT COMES OF THE WORKSHOP:

CO1: Participants gained a thorough understanding of cybersecurity principles.

CO2: Learned to use various cybersecurity tools.

CO3: Developed skills for assessing and managing security risks.

CO4: Conduct a cyber security risk assessment.

CO5: Measure the performance and troubleshoot cyber security systems.

The workshop provided a mix of theoretical knowledge and practical skills, preparing students to tackle real-world cybersecurity challenges.

CO-PO MAPPING

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12
CO1	3	2	2	2	2	-	-	-	-	-	-	2
CO2	3	2	2	2	2	-	-	-	-	-	-	2
CO3	3	2	2	2	2	-	-	-	-	-	-	2
CO4	3	2	2	2	2	-	-	-	-	-	-	2
CO5	3	2	2	2	2	-	-	-	-	-	-	2
TARGET	3	2	2	2	2	-	-	-	-	-	-	2

The following images were captured during a hands-on session where various cybersecurity tools were demonstrated. These tools were used to show their capabilities in reconnaissance, phishing, and stress testing.

Social media Link:

https://www.facebook.com/photo/?fbid=514695834415798&set=a.177418398143545

Video Link:

https://drive.google.com/drive/folders/1FVsbiYKguyWhtXKkFF8yNU-ISLsHmOPH

THE OXFORD COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

Workshop on" Design Thinking through Machine Learning"

DAY 1 ATTENDANCE SHEET: **Date: 20.06.2024**

Sl. No	USN	Name	Year/sem	Signature
1		Dr.E. SARAVANA Kumar ← FACULTY →		
2		L. Manjula Faculty ← →		
3		Sathya. M Faculty ← →		
4		Vinotha. J Faculty ← →		
5		Chaithashri S Faculty ← →		
6		SAJIDA Faculty ←		
7		N. Jhendral Faculty ←		
8		M. Ramya Sri faculty ← →		
9		J. Jesy Janet Kumari Faculty	-	
10		Asha Kumari A Faculty	-	
11		Shruthi K Reddy Faculty	-	
12		R. Raghy Faculty		
13		Kirti Faculty		
14		Akshata M. Lab Instructor		
15		Noor Sumaiya Faculty ← →		

Social media Link:

https://www.facebook.com/photo/?fbid=514695834415798&set=a.177418398143545

Video Link:

https://drive.google.com/drive/folders/1FVsbiYKguyWhtXKkFF8yNU-ISLsHmOPH

IIC -AMBASSADOR HOD IIC –CONVENOR IIC-PRESIDENT PRINCIPAL

Head of The Department
Department of Computer Science and Engineering
The Oxford College of Engineering
BENGALURU-560068

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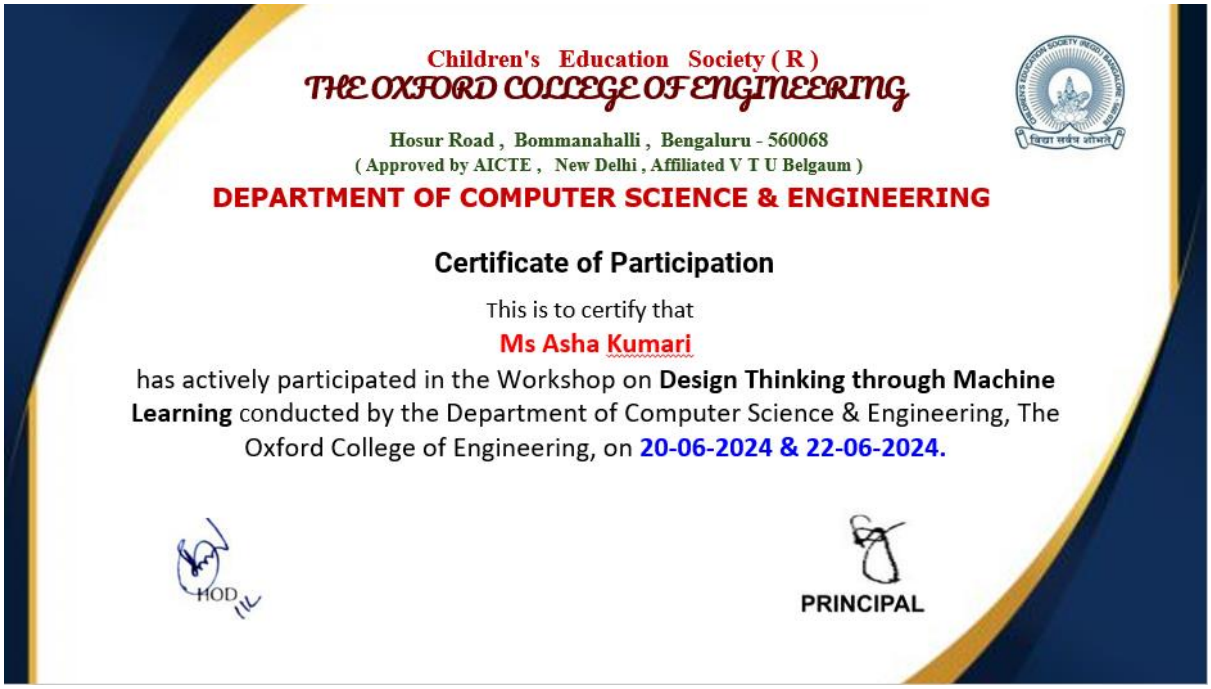

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DEPARTMENT OF MBA
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E-mail: engprincipal@theoxford.edu Web: www.theoxfordengg.org

Date: 08-05-2024

CIRCULAR

This is to inform you that the department of MBA is organizing a Faculty Development Programme on **"Unlocking Social Science Research: From Methodologies to Funding"** on 09-05-2024. *A*ll the faculty members are informed to attend the workshop and make the best use of it.

DIRECTOR MBA & MCA

DIRECTOR - MBA & MCA
The Oxford College of Engineering
Bommanahalli, Hosur Road,
Bengaluru-560 068.

THE OXFORD COLLEGE OF ENGINEERING
BENGALURU, INDIA

INSTITUTION'S INNOVATION COUNCIL
(Ministry of Education Initiative)

Children's Education Society ®
THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bengaluru-560 068
Website:www.theoxford.edu
(Approved by AICTE, New Delhi, Accredited by NBA, NAAC "A Grade", New Delhi & Affiliated to VTU, Belgaum)

Department of Master of Business Administration

Report on Faculty Development Programme on Unlocking Social Science Research: From Methodologies to Funding on May 9th 2024.

Event Details:

- Theme: " Faculty Development Programme on Unlocking Social Science Research: From Methodologies to Funding
- Facilitator: Dr. V. Krishnamoorthy, Associate Professor, Department of Management Studies, Kongu Engineering College, Erode.
- Date: May 9, 2024
- Time: 9:30 AM - 3:30 PM
- Venue: The Oxford College of Engineering, Bangalore
- Event Convener ; Dr.M.Kathiravan

Total no. of participants: 37

Facebook Link:

https://www.facebook.com/photo/?fbid=1130495281612743&set=pcb.1130495464946058&__cft__[0]=AZVLEET6z171QHD1oKSzabQUStIhQF5wSvU1N-uBrp5v8ShntYMnV7dCoKvyuAWYlYnRJq6OK4pAMQTeKDtYCFXw1hQS6L-nJXJuzf397fhK5VeXiFpVobWaPmLlO1WD6LhmWYIK3Fjoh84u7u-BJn0OYvHLdQf8dM_QckdC4Qw3Fw&__tn__=*bH-R

Linkedin Link:

https://www.linkedin.com/feed/update/urn:li:activity:7196106270951550978?utm_source=share&utm_medium=member_desktop

Participant registration link

https://docs.google.com/spreadsheets/d/11k3eUmiykT6XYpktlTZdSSX1ndojnqbsMGJniAYvpXA/edit?usp=sharing

External Participants Registration Detail

S.No	Name of the Participants	Contact Number	Designation	College address	Data of Payment	UTR NO	AMOUNT
1	DINESH S	8147052229	Assistant Professor	KLE Society's Degree College	4/22/2024	447954676044	100
2	Dr S Prabhu	9789469538	Assistant Professor(GL)	Government Arts and Science College,Thittamalai	4/22/2024	447996978796	100
3	Rashmi C R	9945701571	Lecturer	Sri Sai Ram Degree College	4/25/2024	411681652854	100
4	NANDISH P	9743643642	LECTURER	SRI SAIRAM DEGREE COLLEGE	4/25/2024	411681606389	100
5	Dr.P.A.Satya Vardhini	9739916062	Research Scholar	The Oxford college of Engineering ,Bomanahalli	4/25/2024	411657190793	100
6	Sujatha SG	9980238186	Assistant Profesor	Krupanidhi College of Commerce and Management Koramangala Bangalore	4/25/2024	411613161708	100
7, 8	Palak Misra , Shruti Sharma	8296644625	Research and Teaching Scholar	107, ISBR Business School, near, Infosys Drive, behind BSNL	4/30/2024		200
9	Veena N	7411048463	Assistant Professor	ISBR COLLEGE ELECTRONIC CITY PHASE 1	4/30/2024	412193574181	100
10	Manish Thakur	9844438605	Associate Professor	Aacharya ITM	01-05-2024	2024050112279160	100
11	Ushasree R	9738631514	Asst Professor	DSATM	01-05-2024	412256398944	100
12	P Pramilamani	9731234499	Assistant professor	Spurthy college of science and management studies, Anekal main road, Masrur gate	05-02-2024	412319305076	100
13	Dr. Sippee Bharadwaj	6901532645	Research and Training Scholar	ISBR, Electronic City	05-02-2024	412340646170	100
14	Tanushree Mohapatra	9739303491	Assistant Professor	AMC Engineering College	05-03-2024	412480940224	100
15	Thippeswamy T	6302889185	Asst professor	Spurthy college of science and management studies	05-03-2024	412477206747	100
16	Dr.Veto Dey	8792195459	Associate Professor	The Oxford College of Business Management, HSRLayout	03-05-2024	449096911103	100

17	Naveen Kumar	9964559313	Asst Professor	Ve mana Institute of Technology	05-03-2024	2024050000000000	100
18	Priya P S	6364133505	Research and teaching scholar	ISBR business school electronic city phase 1 bengaluru	05-03-2024	4124722550898	100
19	Dr. Praveen Kumar Sinha	9731381524	Associate Professor	DSATM	05-03-2024	412452072949	100
20	Dr. M. Thamizhselvi	9535007476	professor	The Oxford College of Business Management HSR Layout	05-03-2024	414184109867	100
21	Nazeer Pasha	8147637445	Assistant Professor	Dayananda Sagar Business Academy	05-06-2024	449361165609	100
22	Dr Mahesh A S	9480431193	Associate professor	Dept of MBA PES COLLEGE of Engineering	06-05-2024	UA0600633996	100
23	T N Natesh	7899942438	Assistant Professor	Nagarjuna Degree College, Yelahanka, Bangalore	05-06-2024	449312063826	100
24	Shreyas	9686310789	IOCL Retail Manager	VVCE Mysuru	05-06-2024	412730871477	100
25	Mary Soundarya J	7338407506	Assistant professor	P.E.S College of Engineering	05-06-2024		100
26	SUMAN T D	7338407506	Assistant professor	P.E.S College of engineering	05-06-2024	412706448060	100
27	Dr. A C Kiran Kumar	8660279430	Associate Professor	P E S College of Engineering, Mandya	05-07-2024	412804393581	100
28	1	9964032482	Assistant professor	Dayanand Sagar business academy KANAKAPURA ROAD	05-07-2024	412843206037	100
29	DR. SAJJAD AHMAD PARRY	9103542326	ASSOCIATE PROFESSOR	TOCBM	05-07-2024	412838014647	100
30	Dr Preethi K A	9535007476	Assistant Professor	Jain University	05-07-2024	449401528675	100
31	David Vishanth J	7411696707	Assistant Professor	The Oxford College of Business Management	05-07-2024	449430326491	100
32	Annmaria Kuriakose	9873906792	Assistant Professor	St. Francis de Sales Degree College	05-07-2024	412818291226	100
33	CHETANA M MUDAGOL	9980796175	RESEARCH SCHOLAR	KARNATAK UNIVERSITY DHARWAD	05-07-2024	412840096738	100
34	Dr.D.Krishna Gayathri	8792195459	Associate Professor	AMC College	07-05-2024	412805026053	100
35	Tanya Sharma	9198590105	Trainer	Galgotias University	05-08-2024	449509354176	100
36	Dr SOMASHEKAR.P	6361104243	PROFESSOR	PES COLLEGE OF ENGINEERING MANDYA	05-09-2024		100
	TOTAL						3600

About the Speakers:

Dr. V. Krishnamoorthy, an esteemed scholar, educator, and researcher, brings over 26 years of rich experience in teaching management subjects. His academic journey, marked by the attainment of gold medals in both MBA and M.Com., reflects his dedication to academic excellence. Beyond the classroom, he has meticulously crafted and executed numerous management development programs tailored for industry professionals. His scholarly endeavors are evidenced by publications in prestigious Scopus-indexed journals, showcasing his commitment to advancing knowledge in his domain. Dr. Krishnamoorthy's research initiatives have been supported by esteemed institutions such as the All India Council for Technical Education and the National Human Rights Commission. In addition to academia, he actively participates in consultancy projects for prominent corporations, utilizing his expertise to tackle real-world challenges. His role as a reviewer for 10 international journals underscores his stature in the academic community. Having led over 150 workshops focusing on research methodologies, soft skills, and cognitive enhancement, Dr. Krishnamoorthy currently serves in the Department of Management Studies at Kongu Engineering College, Erode, Tamil Nadu.

Contact Details:

Mobile Number: 9865136311

Dr. V. Krishnamoorthy, Associate Professor, Department of Management Studies, Kongu Engineering College, Erode.

About the FDP

The Faculty Development Program (FDP) focusing on Mastery in Social Sciences Research Methodologies and Effective Research Funding and Proposal Writing empowers educators with extensive training in advanced research methodologies and proficient proposal crafting. This program enables faculty members to conduct robust research in social sciences while navigating the complexities of obtaining funding for their projects. Through immersive workshops, seminars, and personalized guidance, participants acquire practical skills and knowledge vital for achieving excellence in research, promoting academic innovation, and advancing scholarly endeavors.

FDP Objectives:

1. Elevate faculty members' grasp and mastery of advanced research methodologies tailored to the social sciences.

2. Provide participants with the expertise and tools necessary to craft compelling research proposals within the social sciences arena.

3. Offer direction on recognizing and accessing funding avenues for social sciences research endeavors.

4. Enable faculty members to make substantial contributions to advancing knowledge in the social sciences through rigorous research.

5. Enhance institutional research capabilities and foster a culture of research excellence within academic settings.

Programme Schedule:

9:00 a.m.–9:30 a.m.: Registration

9:30 AM–10:30 AM: Inaugural Session:

- Periyar songs by MBA students
- Honouring the dignitaries with bouquets of flowers
- Welcome Address by Dr. Anitha Ramachander, Director, MBA & MCA, TOCE
- Special Address by Dr. Niktha Alur, Principal, TOCBM
- Special Address by Dr. N.Kannan, Principal, TOCE
- Overview of FDP and Introduction to Resource Person By Dr.M.Kathiravan

10:00 AM–11:30 AM: Session 1: Understanding Research Methodologies in Social Sciences

11:30 AM–11:45 AM: Coffee Break

11:45 a.m.–1:15 p.m.: Session 2 : Crafting Compelling Research Narratives: Strategies for Effective Article writing

1:15 PM–2:00 PM: Lunch Break

2:00 PM–3:30 PM: Session 3: Navigating Funding Opportunities for Social Science Research

3:30 PM–3:45 PM:

- Feedback
- Distribution of Certificates
- Vote of Thanks by Harish N.

3:45 PM - 4:00 PM: End with Tea

Key takeaways

The Faculty Development Programme (FDP) on "Unlocking Social Science Research: From Methodologies to Funding" held on May 9th, 2024, provided participants with comprehensive insights and practical strategies for advancing their research endeavors. Here are the key takeaways from the FDP:

1. **Understanding Research Methodologies:**
    - The FDP covered a range of research methodologies relevant to social sciences, including qualitative, quantitative, and mixed-methods approaches.
    - Emphasis was placed on selecting appropriate methodologies based on research questions and objectives.
    - Participants learned about the latest tools and techniques for data collection and analysis, enhancing the rigor and validity of their research.
2. **Innovative Data Collection Techniques:**
    - New and emerging methods of data collection, such as digital ethnography, social media analysis, and participatory action research, were discussed.
    - The importance of ethical considerations in data collection, especially in sensitive research contexts, was highlighted.
3. **Data Analysis and Interpretation:**
    - The programme provided insights into advanced data analysis techniques, including statistical analysis, thematic analysis, and content analysis.
    - Workshops on using software tools like NVivo, SPSS, and R for data analysis helped participants gain practical skills.
4. **Crafting Research Proposals:**
    - Participants received guidance on writing compelling research proposals, with a focus on clarity, coherence, and alignment with funding priorities.
    - The importance of a well-defined research problem, clear objectives, and a robust methodological framework was emphasized.
5. **Securing Research Funding:**
    - Strategies for identifying and approaching potential funding sources, including governmental agencies, non-profits, and international organizations, were discussed.
    - Tips on tailoring proposals to fit the specific requirements and priorities of different funding bodies were provided.

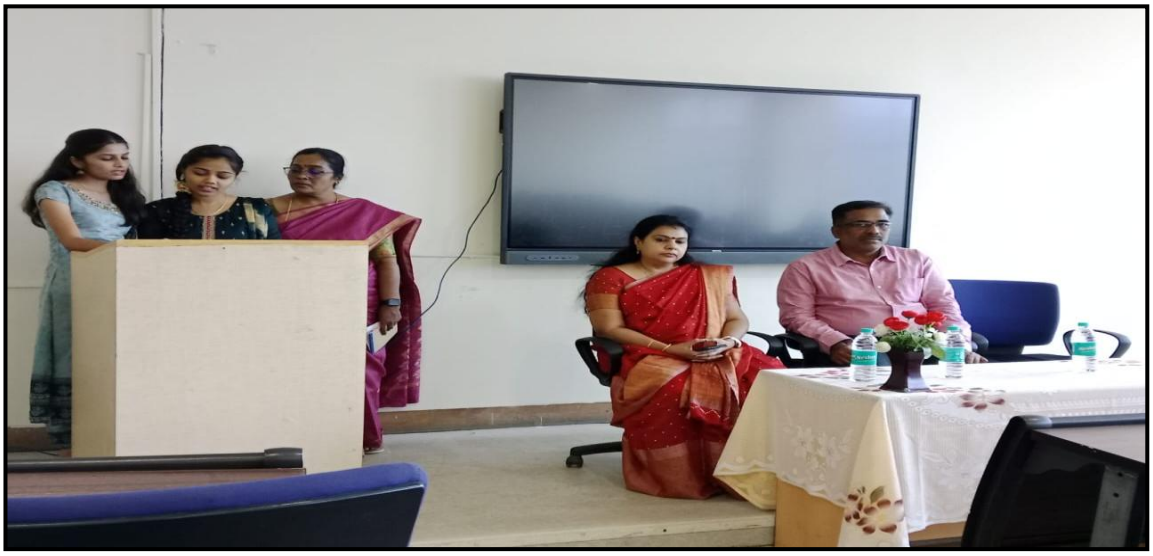
- Successful grant applications were showcased to illustrate best practices and common pitfalls.

6. **Publishing Research Findings:**
    - The FDP covered the process of publishing in academic journals, including selecting the right journal, preparing manuscripts, and navigating the peer review process.

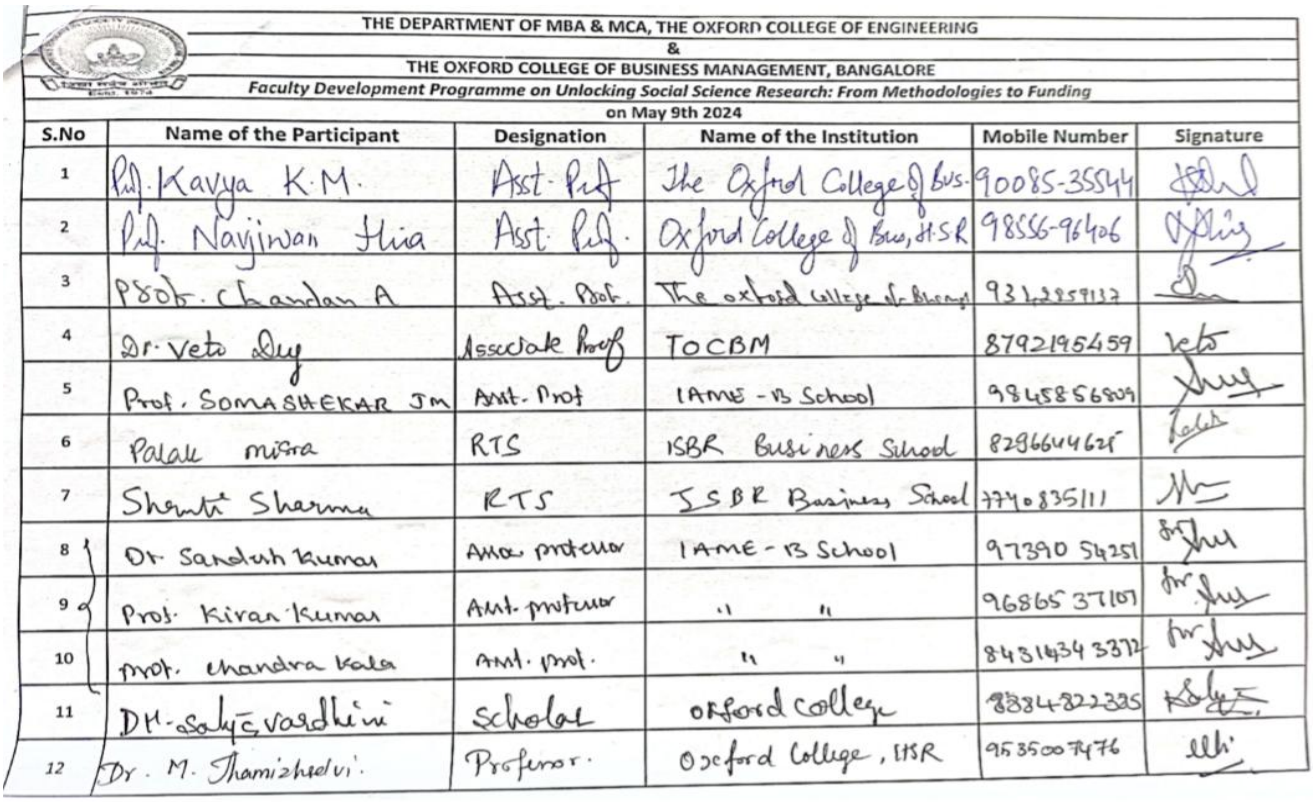
Participants learned about open access publishing and the impact of research dissemination through various channels

Conclusion:

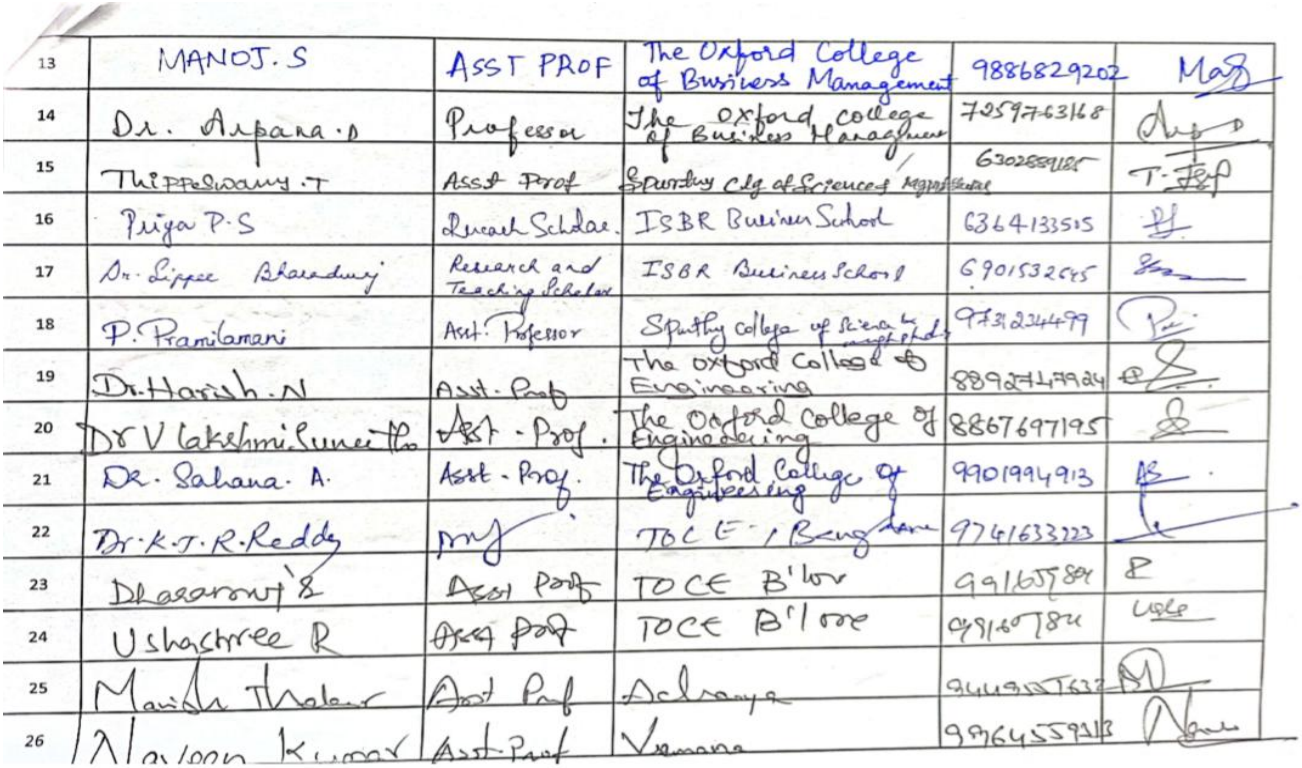
On May 9, 2024, The Oxford College of Engineering, Bangalore, hosted a Faculty Development Program (FDP) themed "Unlocking Social Science Research: From Methodologies to Funding." The event, facilitated by Dr. V. Krishnamoorthy, an Associate Professor in the Department of Management Studies at Kongu Engineering College, Erode, ran from 9:30 AM to 3:30 PM. Dr. Krishnamoorthy provided in-depth insights into various research methodologies and strategies for securing funding. The FDP aimed to enhance participants' research capabilities and broaden their understanding of social science research processes, fostering academic growth and collaboration among faculty members. The session was well-received, with active engagement and positive feedback from attendees.



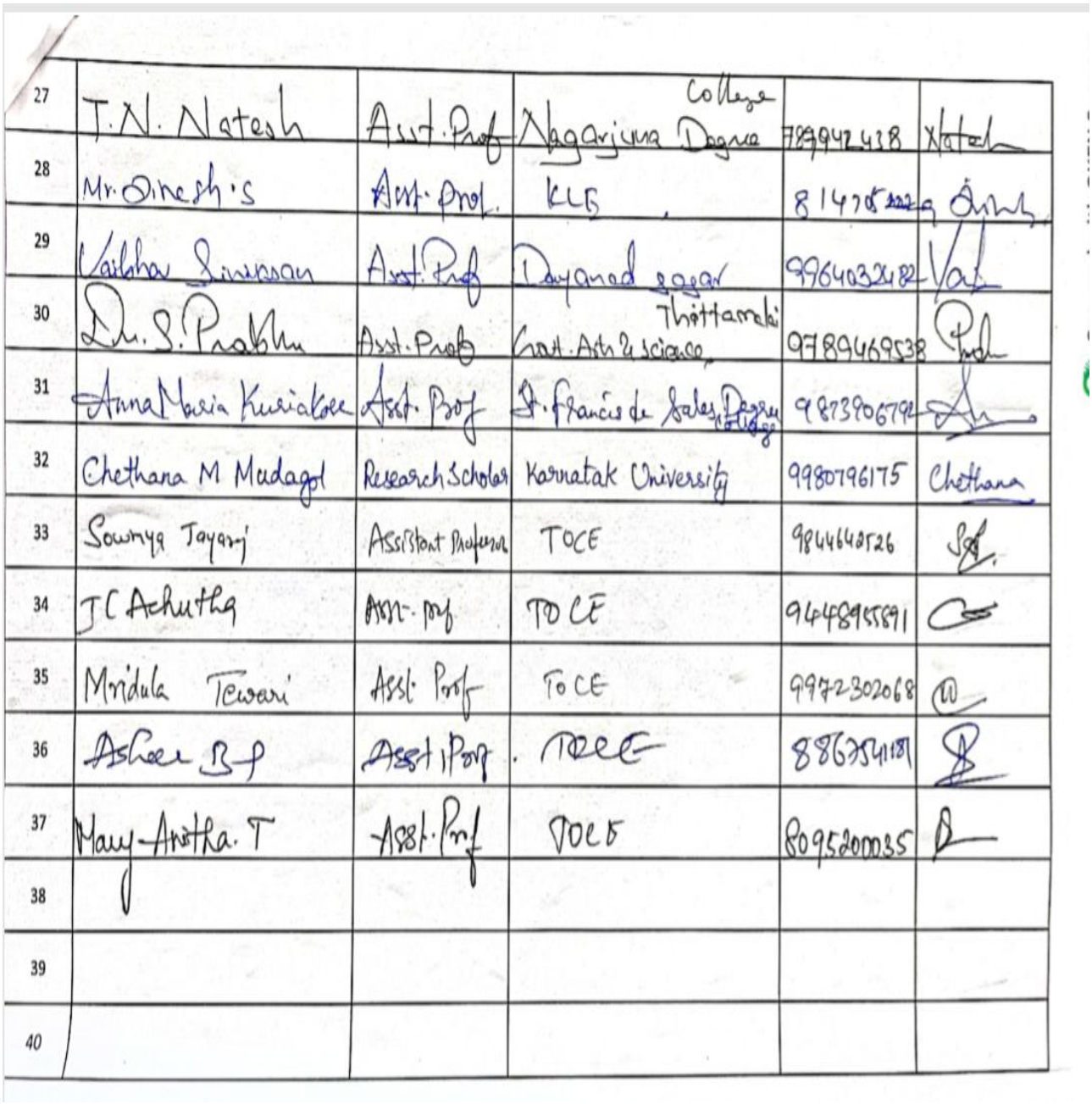
Participant registration



THE DEPARTMENT OF MBA & MCA, THE OXFORD COLLEGE OF ENGINEERING
&
THE OXFORD COLLEGE OF BUSINESS MANAGEMENT, BANGALORE
Faculty Development Programme on Unlocking Social Science Research: From Methodologies to Funding
on May 9th 2024



S.No	Name of the Participant	Designation	Name of the Institution	Mobile Number	Signature
1	Prof. Kavya K.M.	Asst. Prof	The Oxford College of Bus.	90085-35544	[signature]
2	Prof. Navjiwan Hira	Asst. Prof.	Oxford College of Bus, H.S.R	98556-96406	[signature]
3	Prof. Chandan A	Asst. Prof.	The oxford college of Bhamp	9342859137	[signature]
4	Dr. Veto Dey	Associate Prof	TOCBM	8792195459	Veto
5	Prof. SOMASHEKAR JM	Asst. Prof	IAME - B School	9845856809	[signature]
6	Palak Misra	RTS	ISBR Business School	8296644625	[signature]
7	Shruti Sharma	RTS	ISBR Business School	7740835111	[signature]
8	Dr. Sandesh Kumar	Assoc. professor	IAME - B School	9739054251	for [signature]
9	Prof. Kiran Kumar	Asst. professor	" "	9686537107	for [signature]
10	Prof. Chandra Kala	Asst. prof.	" "	8431434 3372	for [signature]
11	Dr. Satyavardhini	Scholar	Oxford College	8884822335	[signature]
12	Dr. M. Thamizhselvi.	Professor.	Oxford College, HSR	9535007476	[signature]
13	MANOJ. S	ASST PROF	The Oxford College of Business Management	9886829202	[signature]
14	Dr. Arpana. D	Professor	The Oxford College of Business Management	7259763168	[signature]
15	Thippeswamy. T	Asst Prof	Sputhy Clg of Science & Mgmt Studies	6302889185	T. [signature]
16	Priya P.S	Research Scholar.	ISBR Business School	6364133515	[signature]
17	Dr. Lippee Bharadwaj	Research and Teaching Scholar	ISBR Business School	6901532645	[signature]
18	P. Pramilamani	Asst. Professor	Sputhy college of Science & mgmt studies	9731234499	[signature]
19	Dr. Harish. N	Asst. Prof	The Oxford College of Engineering	8892747924	[signature]
20	Dr V Lakshmi Suneetha	Asst. Prof.	The Oxford College of Engineering	8867697195	[signature]
21	Dr. Sahana. A.	Asst. Prof.	The Oxford College of Engineering	9901994913	[signature]
22	Dr. K.T.R. Reddy	Prof	TOCE, Bangalore	9741633223	[signature]
23	Dharamraj S	Asst Prof	TOCE B'lore	9916557804	[signature]
24	Ushashree R	Asst Prof	TOCE B'lore	9916078 4	[signature]
25	Manish Thakur	Asst Prof	Acharya	9449557632	[signature]
26	Naveen Kumar	Asst. Prof	Vemana	9764559313	[signature]



27	T.N. Natesh	Asst. Prof	Nagarjuna Degree College	789942438	Natesh
28	Mr. Dinesh. S	Asst. Prof.	KLE	814705[illegible]	[illegible]
29	Vaibhav Srinivasan	Asst. Prof	Dayanand Sagar	9964032482	[illegible]
30	Dr. S. Prabhu	Asst. Prof	Govt. Arts & Science, Thittamalai	9789469538	[illegible]
31	Anna Maria Kuriakose	Asst. Prof	St. Francis de Sales Degree College	9873906792	[illegible]
32	Chethana M Mudagol	Research Scholar	Karnatak University	9980796175	Chethana
33	Sowmya Jayaraj	Assistant Professor	TOCE	9844642526	[illegible]
34	J C Achutha	Asst. Prof	TOCE	9448955891	[illegible]
35	Mridula Tewari	Asst. Prof	TOCE	9972302068	[illegible]
36	Ashoe B P	Asst. Prof	TOCE	8867541181	[illegible]
37	Mary Anitha. T	Asst. Prof	TOCE	8095200035	[illegible]
38					
39					
40					

Feedback link:

https://docs.google.com/spreadsheets/d/1j391WT5P8a6eY28iG9nYYLx4RSf8uxl45At-c9LKfJ4/edit?usp=sharing

Feedback:

Timestamp	Email Address	Name of the Participant	How satisfied are you with the topics discussed at the	How satisfied are you with the Faculty Developme	How organised was the sessions?	I'm happy with the amount of	Overall, how you rate the programme?

			programme?	nt Programme on Unlocking Social Science Research: From Methodologies to Funding?		information discussed in the sessions.	
5/14/2024 10:01:11	spdinesh1995@gmail.com	Dinesh S	Very satisfied	Strongly agree	Very satisfied	Excellent	Excellent
5/14/2024 10:01:26	soundaryajos16@gmail.com	Mary Soundarya J	Very satisfied	Strongly agree	Very satisfied	Excellent	Excellent
5/14/2024 10:06:38	nazeerpasha61293@gmail.com	Nazeer Pasha	Somewhat satisfied	Agree	Somewhat satisfied	Very good	Very good
5/14/2024 10:08:59	priyashivaraj035@gmail.com	Priya P S	Very satisfied	Strongly agree	Very satisfied	Excellent	Very good
5/14/2024 10:10:39	mm.chetana26@gmail.com	Ms. Chetana Mudagol	Very satisfied	Strongly agree	Very satisfied	Good	Good
5/14/2024 11:31:43	pasatyavardhini@gmail.com	Dr.P.A.Satya Vardhini	Very satisfied	Agree	Very satisfied	Excellent	Excellent
5/14/2024 12:38:24	pramilamani.phd@gmail.com	P.Pramilamani	Very satisfied	Strongly agree	Very satisfied	Excellent	Excellent
5/14/2024 14:51:11	sumansulake.rajesh22@gmail.com	Suman TD	Very satisfied	Agree	Very satisfied	Very good	Excellent
5/15/2024 16:12:31	pasatyavardhini@gmail.com	Dr.P.A.Satya Vardhini	Very satisfied	Strongly agree	Very satisfied	Excellent	Excellent
5/15/2024 16:15:45	nazeerpasha61293@gmail.com	Nazeer Pasha	Somewhat satisfied	Agree	Somewhat satisfied	Very good	Very good
5/15/2024 16:15:45	profpspa@gmail.com	Dr.S.Prabhu	Very satisfied	Agree	Very satisfied	Excellent	Excellent
5/15/2024 16:19:56	rashmichitti1@gmail.com	Rashmi C R	Very satisfied	Agree	Very satisfied	Excellent	Very good
5/15/2024 16:20:03	spdinesh1995@gmail.com	Dinesh S	Very satisfied	Strongly agree	Very satisfied	Excellent	Excellent
5/15/2024 16:20:56	rashmichitti1@gmail.com	Nandish P	Very satisfied	Agree	Very satisfied	Very good	Very good
5/23/2024 14:58:13	suneetha.sravan@gmail.com	Dr V Lakshmi Suneetha	Very satisfied	Strongly agree	Very satisfied	Excellent	Excellent

5/23/2024 15:02:13	kathir1981june@gmail.com	Dr.M.Kathiravan	Very satisfied	Strongly agree	Very satisfied	Excellent	Excellent
5/23/2024 15:13:36	mary.anitha.charlton@gmail.com	Mary Anitha T	Very satisfied	Agree	Very satisfied	Very good	Very good
5/23/2024 15:20:50	sowmyajayaraj82@gmail.com	Sowmya Jayaraj	Very satisfied	Strongly agree	Very satisfied	Excellent	Excellent

EVENT CONVENER

DIRECTOR MBA & MCA

DIRECTOR - MBA & MCA
The Oxford College of Engineering
Bommanahalli, Hosur Road,
Bengaluru-560 068.

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DEPARTMENT OF ME
(Recognized by the Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi.
Approved by A.I.C.T.E. New Delhi. Recognized by UGC Under Section 2(f))
Bommanahalli, Hosur Road, Bangalore - 560 068. Ph: 080-61754601/602, Fax: 080 - 25730551
E-mail: engprincipal@theoxford.edu Web: www.theoxfordengg.org

Date: 08-05-2024

CIRCULAR

This is to inform you that the department of ME is organizing a workshop on **"Revolutionizing Innovation: A Dive into Product Development with Creo Parametric"** on 09-05-2024. *A*ll the faculty members are informed to attend the workshop and make the best use of it.

HOD

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Hosur Road, Bommanahalli, Bengaluru-560 068
Website:www.theoxford.edu
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Workshop on "Revolutionizing Innovation: A Dive into Product Development with Creo Parametric""

The Oxford College of Engineering, Bengaluru – Institutions Innovation Council in association with Department of Mechanical Engineering organized a workshop on **"Revolutionizing Innovation: A Dive into Product Development with Creo Parametric"** Mr. Amaresh Prabhuswamy, Technical Engineer, Sumedhas Tech Solutions Pvt Ltd, Bangalore on 9th May 2024.

Objective:

- To introduce Creo Parametric software and its capabilities.

- To explore the product development lifecycle and its stages.
- To demonstrate the use of Creo Parametric in real-world product development.
- To provide hands-on experience with Creo Parametric.
- To inspire innovative product development among participants.

Mr. Amaresh Prabhuswamy started the workshop with an introduction to Creo Parametric, highlighting its powerful features and benefits for product development. He provided a detailed overview of the software's capabilities, including 3D modeling, simulation, and analysis tools. The participants were introduced to the interface and basic functionalities of Creo Parametric.

Following the introduction, Mr. Prabhuswamy delved into the product development lifecycle, explaining its significance and stages. He discussed the various phases, from initial concept and design to prototyping, testing, and final production. Through real-world examples, he illustrated how Creo Parametric supports each stage of the product development process, enhancing efficiency and innovation. The next segment focused on practical applications of Creo Parametric in different industries. Mr. Prabhuswamy showcased case studies where Creo Parametric was used to develop innovative products in sectors such as automotive, aerospace, consumer goods, and medical devices. These examples demonstrated the versatility and impact of Creo Parametric in solving complex design challenges.

A practical demonstration followed, where Mr. Prabhuswamy guided the participants through a step-by-step process of creating a 3D model in Creo Parametric. He demonstrated various tools and techniques, providing valuable tips and best practices. The hands-on session allowed participants to work on their own designs, applying the concepts learned during the demonstration. Participants were given ample opportunity to practice using Creo Parametric through guided exercises. They worked on designing parts, assembling components, and running simulations, gaining practical experience with the software. Mr. Prabhuswamy and his team provided individual assistance, ensuring that participants were able to effectively utilize Creo Parametric for their projects.

The workshop concluded with an interactive Q&A session. Participants asked questions related to specific design challenges, advanced features of Creo Parametric, and tips for improving their design processes. Mr. Prabhuswamy provided insightful answers, further enhancing the participants' understanding and skills.

Output:

- Participants gained a thorough understanding of Creo Parametric software and its applications in product development.
- The workshop highlighted the stages of product development and how Creo Parametric supports each stage.
- Attendees received hands-on training with Creo Parametric, equipping them with practical skills to use in their projects.

Number of Participants: 15

Registration Link: https://forms.gle/bxdhgGrhC7Ceygnx7

Event Link:

https://drive.google.com/file/d/1hNYnkyJtDdYTlpMa5EutApqWSmzUc9hC/view?usp=drive_link

Facebook Link:

https://www.facebook.com/photo/?fbid=476253961593319&set=a.177418398143545&

WhatsApp Link: https://whatsapp.com/channel/0029Va961RDAzNbxmmR6lY3p

LinkedIn Link:

https://media.licdn.com/dms/image/D5622AQGlYhnQx2NjwA/feedshare-shrink_2048_1536/0/1708329329444?e=1710979200&v=beta&t=xNDQFTN4Rzs3LnR-l1UykK2I6mNG482UsbI7da0_lIQ

YouTube Link:

Instagram Link:

https://www.instagram.com/p/C7jXtyGNHqd/?igsh=MWQ1eWd2eGRycjczaQ==

Twitter Link: https://x.com/TheOxfordColle2/status/1755899427300966563?s=20

Koo Link: https://www.kooapp.com/koo/guest_RB6VS4/7a3e9719-72e8-4261-9877-3bf9f16a7cbb

Resource Person Details:

Name: Mr. Amaresh Prabhuswamy

Contact Number: 9063878089

Email ID: iamnaveenjaishwal@gmail.com

Attendance:

SL No	Faculty Name
1	Dr Anup Upadhya
2	Dr Raghavendra
3	Dr Ravi prakash
4	Dr Varun
5	Dr Vidyadhar
6	Jaideep
7	Seema V
8	Annu kumari
9	Nayana
10	Kavya
11	Gayathri
12	Resna S R
13	Dr.Nisha C Rani
14	Sumitha T L
15	Raichel Ruby

Feedback

Timestamp	Name	Departme	Institution	Mobile Nu	Place	Was the se	Did the we	Did you ha	How was t	Are you int	Suggestion (If any)
2024/05/09	Prashant R	Mechanica	The Oxfor	7E+09	Bangalore	Yes	Yes	No	Good	Yes	Nil
2024/05/09	Mohamme	Mechanica	The Oxfor	7.35E+09	Bangalore	Yes	Yes	No	Excellent	Yes	Everything was good
2024/05/09	YATENDER	MECHANI(	THE OXFOI	8.76E+09	BANGALOI	Yes	Yes	No	Excellent	Yes	NIL
2024/05/09	Kushal	Mechanica	The oxfor	9.53E+09	Bangalore	Yes	Yes	No	Very Good	Yes	Na
2024/05/09	Vino Karth	Mechanica	The Oxfor	9.11E+09	Bengaluru	Yes	Yes	No	Very Good	Yes	Nil
2024/05/09	Madhan d	Mechanica	The Oxfor	8.05E+09	Bangalore	Yes	Yes	No	Very Good	Yes	Nill
2024/05/09	Rakend	Mechanica	TOCE	9.95E+09	Bangalore	Yes	Yes	No	Good	Yes	-None-
2024/05/09	Sanson sa	Mechanica	The Oxfor	1.23E+09	Bangalore	Yes	Yes	No	Very Good	Yes	Nil
2024/05/09	Hariharan	Mechanica	TOCE	9.48E+09	TOCE	Yes	Yes	No	Good	Yes	-None-
2024/05/09	Prajwal	Mechanica	TOCE	8.57E+09	Bangalore	Yes	Yes	Yes	Good	Yes	-None-

31/5/2024

IIC Member **HOD** **IIC Convenor** **IIC President**

Dept. of Mechanical Engineering
The Oxford College of Engineering
Bangalore-560 068

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DEPARTMENT OF ECE
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Approved by A.I.C.T.E. New Delhi. Recognized by UGC Under Section 2(f))
Bommanahalli, Hosur Road, Bangalore - 560 068. Ph: 080-61754601/602, Fax: 080 - 25730551
E-mail: engprincipal@theoxford.edu Web: www.theoxfordengg.org

Date: 12-04-2024

CIRCULAR

This is to inform you that the department of CSE,ISE, ECE & EEE are organizing **Two weeks International Faculty Development Programme on "Advancement in Quantum Computing & Sensor Technology for Viksit Bharat @2047" from 15.04.2024 to 27.04.2024** *A*ll the faculty members are informed to attend the workshop and make the best use of it.

P. Sharan
Dean R &D

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(Approved by AICTE, New Delhi, Accredited by NAAC-"A" GRADE, New Delhi & Affiliated to VTU Belgaum)

Hosur Road, Bommanahalli, Bengaluru-560 068

Department of CSE, ISE, ECE and EEE

Organizing Two weeks International FDP on

"Advancement in Quantum Computing & Sensor Technology for Viksit Bharat @2047"

Date : 15/4/2024 to 27/04/2024

Chief Patron

Dr. S.N.V.L Narasimha Raju
President,
The Oxford Educational Institutions, Bangalore

Patron

Dr. N.Kannan
Principal,
The Oxford college of Engineering

Conveners

Dr.Preeta Sharan,
Dean, R&D,
The Oxford college of Engineering

Dr.Gaurav Kumar Bharti,
Execom Member,
IEEE Madhya pradesh Section

Registration link:
https://shorturl.at/rsMRS
Whatsapp link to join:
https://shorturl.at/gyGR8

Organizer

Dr.Saravana Kumar E
HOD / CSE,
The Oxford college of Engineering
Faculty Coordinator
Ms. Asha, Assistant Professor, CSE

Organizer

Dr.R Kanagavalli
HOD / ISE,
The Oxford college of Engineering
Faculty Coordinators
Ms. S. Visalini, Assistant Professor, ISE
Mr. Channappa Gowda, Assistant Professor, ISE

Organizer

Dr.Manju Devi,
HOD/ECE
The Oxford college of Engineering
Faculty Coordinator
Mr. Jayaraj N, ,Assistant Professor, ECE

Organizer

Dr. Devi Vighneswari B
HOD / EEE,
The Oxford college of Engineering
Faculty coordinators
Ms. Raichel Ruby, Assistant Professor EEE
Ms. Resna S R, Assistant Professor , EEE

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Website: http://www.theoxfordengg.org

Academic year 2023 -24
Two weeks International FacultyDevelopmentProgramme
on
"Advancement in Quantum Computing & Sensor Technology for Viksit Bharat @2047"
(15.04.2024 to 27.04.2024)

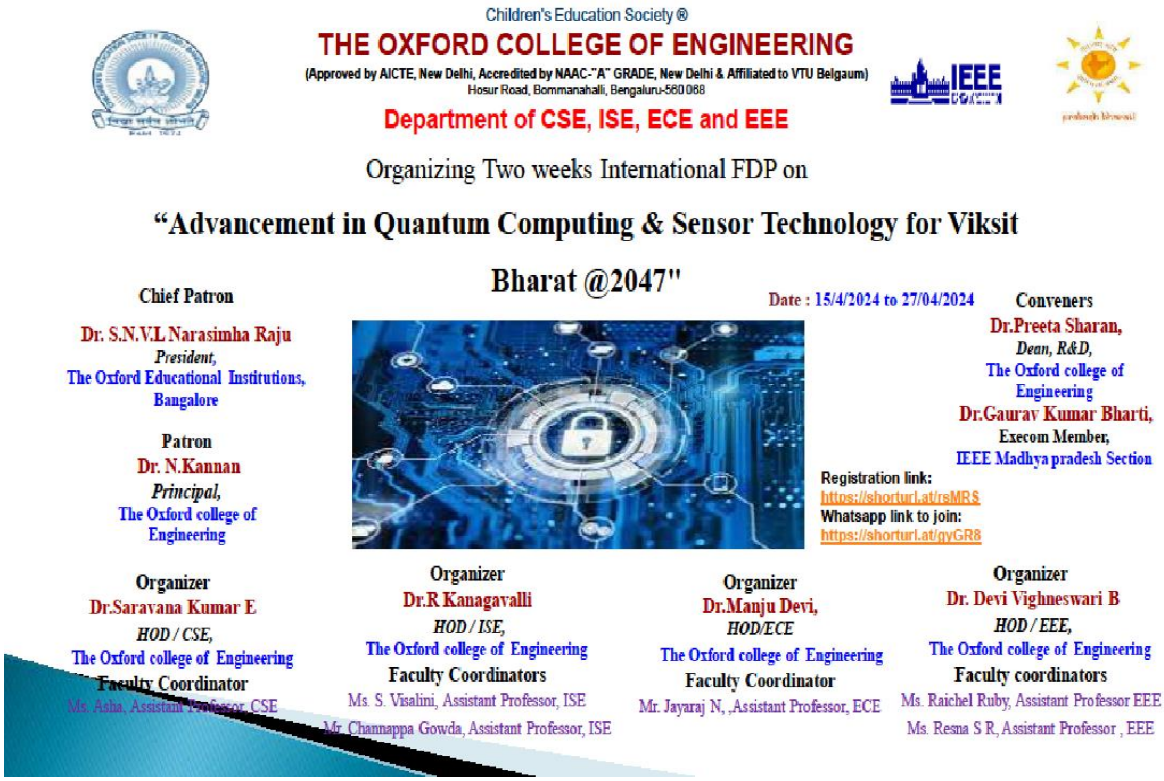
The Faculty Development Program was conducted on **Advancement in Quantum Computing & Sensor Technology for Viksit Bharat @2047** from **15.04.2024 to 27.04.2024** (2 Week) in an effective manner and was very successfully completed with the support and encouragement of our Management, Principal, Deans, Conveners and all the Head Of Departments and Co-ordinators. The FDP was organized by Department of Computer Science and Engineering ,Information Science and Engineering, Electronics and Communication Engineering & Electrical & Electronics Engineering Departments in Hybrid mode. The FDP was sponsored by Photonic society.

The main objective of this program is to make the participants aware of the the current trends on Quantum Computing & Sensor Technology and it's applications which includes topics like

- Smart Medical Prescription system using Fuzzy logic for various Diagnosis
- Knowledge Management and Quantum Computing– What and Why?
- Advances and Applications of Nanophotonic sensors
- Smart sensor technology for Mankind and Humanity
- Sensing Technologies for Cold Chain Monitoring
- Photonic Crystal based pressure sensors
- Quantum Communication
- Quantum-dot Cellular Automata: Implementation to Defect Characterization
- Photonic sensing technology/2D photonic crystal biosensor based on health care applications
- Fundamentals of Non linear Optics and Optical switching

- Smart Grid CPS systems
- Fundamentals of Quantum computing
- Optical sensing using DBR
- Introduction to Quantum Dots Biosynthesized gold nanoparticle-enabled fiber optic sensor for selective diethanolamine sensing
- Grating Structures for Biosensing Applications
- Optimized Digital Cross Connect Switch for System-On-Chip (SoC)
- Sensor Technology: a look back and forward
- NxN Clos Digital Cross Connect Switch using Quantum Dot Cellular Automata (QCA)
- Optical Sensors for various Applications

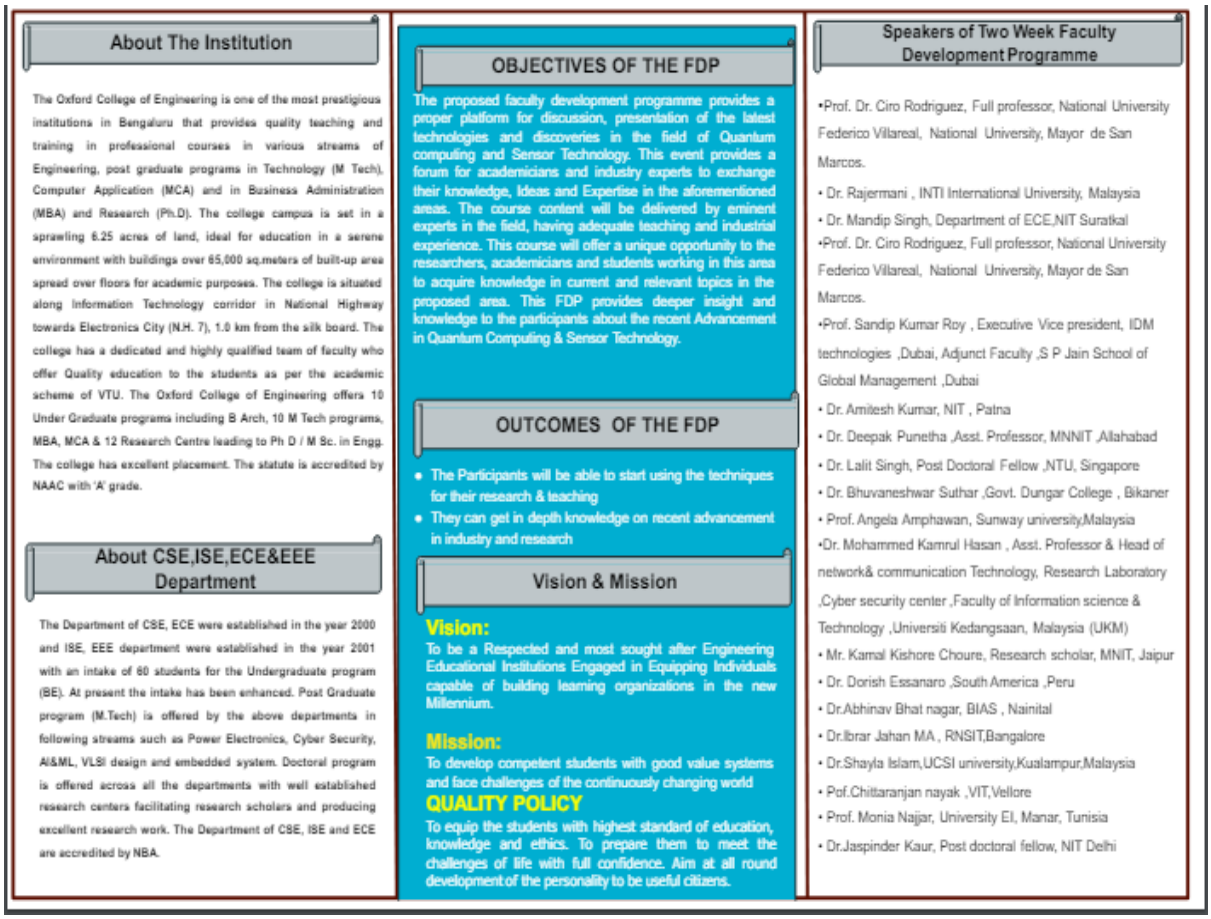
so that they can update their knowledge in this area and explore for further research. The objective also included that the knowledge gained and shared would help the faculties to guide students to pursue their career and research works. The FDP was attended by 115 faculty members from various colleges.



Poster for the 2 week FDP

THE OXFORD COLLEGE OF ENGINEERING
BOMMANAHALLI, BENGALURU
IEEE
DEPARTMENT OF CSE, ISE,ECE AND EEE
PRESENT
TWO WEEKS INTERNATIONAL FACULTY DEVELOPMENT PROGRAMME
TOPIC: "ADVANCEMENT IN QUANTUM COMPUTING & SENSOR TECHNOLOGY FOR VIKSIT BHARAT @2047"
SPEAKERS
PROF. DR. CIRO RODRIGUEZ
Professor at the National University Mayor de San Marcos & National University Federico Villareal
DR SANDIP KUMAR ROY
Executive Vice President, IDM Technologies
Dubai, United Arab Emirates
DR. MANDEEP SINGH
Assistant Professor, Department of ECE,NIT Suratkal
DR. MOHAMMAD KAMRUL HASAN
Universiti Kebangsaan Malaysia
DR. RAJERMANI
INTI University Malaysia
DR. SARITA KUMARI
Assistant Professor , Department of ECE , Amity University
DR. P.R. YASHASWINI
Assistant Professor,
Malnad College, Hasan
DR.IBRAR JAHAN MA
Assistant Professor,
RNSIT Bengaluru
DR. GAURAV KUMAR BHARTI
Assistant Professor,
IIIT Bhopal
DR. PREETA SHARAN
Professor, Dean R&D,
Oxford College ofEngineering Begaluru
DR. BHUVNESHWER SUTHAR
Assistant Professor, Government Dungar College Bikaner
DR VAISHALI DHARE
Assistant Professor, ECE, Nirma University Ahmedabad
DR. T. SRINIVAS
Professor, ECE
IISC Bengaluru
DR. GUNJAN THAKUR
Professor, Department of ICT, PDEU, Gandhinagar, Gujaratr
DR. AMITA ASTHANA
Associate Professor Ajay Kumar Garg Engineering College, Ghaziabad
15TH TO 27TH APRIL 2024

Speaker

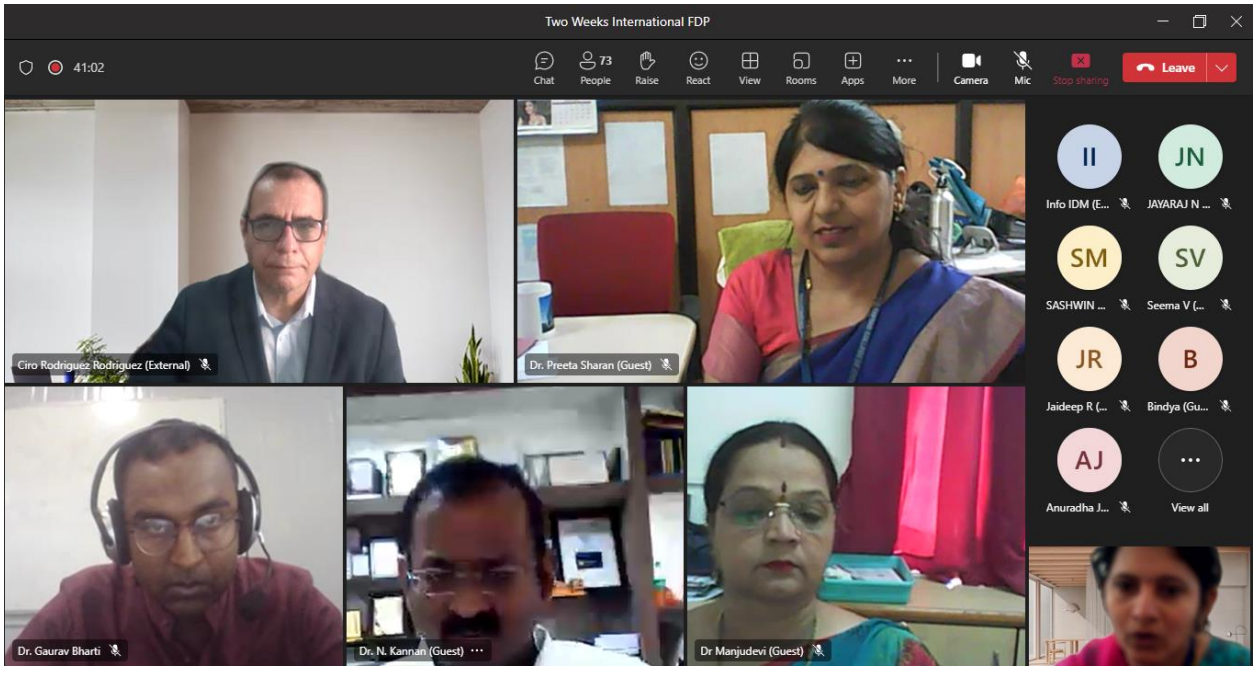


Brochure of the2 week FDP on "Advancement in Quantum Computing & Sensor Technology for Viksit Bharat @2047"

Inaugural Program of the Faculty Development Program

The 2 Week FDP on started on 15th April 2024 with the Anchoring by Ms.S.Visalini ,Asst professor ,Department of ISE,TOCE.inauguration of FDP done by Prof. Dr. Ciro Rodriguez and Dr.N. Kannan.Welcome address given by Manjula,Asst.Professor,Department of CSE She also shared his views about the Faculty Development Program and importance of attending such program for the enhancement of knowledge of the faculties and students. Dr Preeta Sharan Dean R &D ,The Oxford College of Engineering. She has briefed about the various research opportunities and research areas in photonics. She has highlighted the objectives of the FDP and briefed about the schedule of the program. She also gave a glimpse of the achievements and activities in TOCE.

The keynote address was given by Prof. Dr. Ciro Rodriguez, Full professor, National University Federico Villareal, National University, Mayor de San Marcos.. Dr.Kannan ,Principal.Highlighed the importance of **Advancement in Quantum Computing & Sensor Technology**



Glimpse of Inaguration session of International FDP Morning session (14/5/24)

Objectives

The proposed faculty development programme provides a proper platform for discussion, presentation of the latest technologies and discoveries in the field of Quantum computing and Sensor Technology. This event provides a forum for academicians and industry experts to exchange

their knowledge, Ideas and Expertise in the aforementioned areas. The course content will be delivered by eminent experts in the field, having adequate teaching and industrial experience. This course will offer a unique opportunity to the researchers, academicians and students working in this area to acquire knowledge in current and relevant topics in the proposed area. This FDP provides deeper insight and knowledge to the participants about the recent Advancement in Quantum Computing & Sensor Technology.

Participants Attended

The FDP was attended by 116 participants from various colleges.

List of Faculties attended

SL No	Email	Full Name	Department	College Name
1.	bsrilatha49@gmail.com	Dr Srilatha B	Electronics & Communication Engineering	The Oxford College of Engineering
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4.	naveenkb142@gmail.com	Naveen Kumar B	Computer Science and Engineering	Jain (Deemed-to-be University)
5.	mohanthik.ece@sairamce.edu.in	Mohanthi K	ECE	Sri Sairam College of Engineering Bangalore
6.	anitapanwar01@gmail.com	Anita Panwar	Electronics and Communication Engineering	University College of Engineering and Technology, BTU, Bikaner
7.	nayanabs31@gmail.com	Nayana B S	Civil engineering	The Oxford College of Engineering Bangalore
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10.	shilpa.bm89@gmail.com	Shilpa B M	ECE	Sri krishna Institute of Technology
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115.	malini238@gmail.com	MALINI V L	Ece	East Point College of Engineering & Technology
116.	ganga.cse@cambridge.edu.in	GANGA D BENAL	COMPUTER SCIENCE AND ENGINEERING	CAMBRIDGE INSTITUTE F TECHNOLOGY

Schedule and the Resource person

The schedule and the Resource people for the 2 week FDP on **"Advancement in Quantum Computing & Sensor Technology for Viksit Bharat @2047"(15.04.2024 to 27.04.2024)** is given below.

Event Schedule

Date/Day	Time	Programme	HandledBy
15.04.2024/ Monday	9.30a.m to 10.00 a.m	InaugurationSession	
15.04.2024/ Monday	10.00am to 12.00 p.m	Smart Medical Prescription system using Fuzzy logic for various Diagnosis	**Keynote Speaker** Prof. Dr. Ciro Rodriguez, Full professor, National University Federico Villareal, National University, Mayor de San Marcos.
15.04.2024/ Monday	2.00 P.M to 4.00 p.m	Knowledge Management and Quantum Computing– What and Why?	Dr. Rajermani , INTI International University, Malaysia
16.04.2024/ Tuesday	10.00a.m to 12.00 p.m	Advances and Applications of Nanophotonic sensors	Dr. Mandip Singh, Department of ECE,NIT Surathkal
16.04.2024/ Tuesday	2.00 pm to 4.00 p.m	Smart sensor technology for Mankind and Humanity	Dr. Preeta Sharan, Dean R&D, The Oxford College of Engineering
17.04.2024/ Wednesday	10.00a.m to 12.00 p.m	Sensing Technologies for Cold Chain Monitoring	Prof. Sandip Kumar Roy , Executive Vice president, IDM technologies ,Dubai, Adjunct Faculty ,S P Jain School of Global Management ,Dubai

17.04.2024/ Wednesday	2.00 pm to 4.00 p.m	Photonic Crystal based pressure sensors	Dr. P.R. Yashaswini is an Assistant Professor in the Department of Electronics and Communication Engineering, Malnad College of Engineering, Hassan
18.04.2024/ Thursday	10.00a.m to 12.00 p.m	Quantum Communication	Dr. T Sriniwas, Prof. IISc
18.04.2024/ Thursday	2.00 pm to 4.00 p.m	Quantum-dot Cellular Automata: Implementation to Defect Characterization	Dr Vaishali Dhare,Associate professor,Nirma University, Ahmedabad
19.04.2024/ Friday	10.00a.m to 12.00 p.m	Photonic sensing technology/2D photonic crystal biosensor based on health care applications	Vishalatchi S Research scholar Singapore
19.04.2024/ Friday	2.00 pm to 4.00 p.m	Fundamentals of Non linear Optics and Optical switching	Dr. GAURAV KUMAR BHARTI, Professor,IIIT,Bhopal
22.04.2024/ Monday	10.00a.m to 12.00 p.m	Smart Grid CPS systems	Dr. Mohammed Kamrul Hasan , Asst. Professor & Head of network& communication Technology, Research Laboratory ,Cyber security center ,Faculty of Information science & Technology ,Universiti Kedangsaan, Malaysia (UKM)
22.04.2024/ Monday	2.00 pm to 4.00 p.m	Fundamentals of Quantum computing	Mr. Kamal Kishore Choure, Research scholar, MNIT, Jaipur
23.04.2024/ Tuesday	10.00a.m to 12.00 p.m	Optical sensing using DBR	Dr Ranjith Gowda,Asst.Professor,Department of ECE, Government CPC Polytechnic Mysore .
23.04.2024/ Tuesday	2.00 pm to 4.00 p.m	Introduction to Quantum Dots Biosynthesized gold nanoparticle-enabled fiber optic sensor for selective diethanolamine sensing	Dr. Vivekanand Mishra, Professor, Department of Science, Alliance University, Bangalore, Tmr afternoon speaker should be replaced
24.04.2024/ Wednesday	10.00a.m to 12.00 p.m	Grating Structures for Biosensing Applications	Dr.Ibrar Jahan MA , RNSIT,Bangalore
24.04.2024/ Wednesday	2.00 pm to 4.00 p.m	Optimized Digital Cross Connect Switch for System-On-Chip (SoC)	Dr.GunjanThakur,Department of ICT, Pandit Deendayal Energy University,Ahmedabad
25.04.2024/ Thursday	10.00a.m to 12.00 p.m	Sensor Technology: a look back and forward	Dr. Sarita Kumari, Dept of ECE, Amity University, Jharkand

25.04.2024/ Thursday	2.00 pm to 4.00 p.m	NxN Clos Digital Cross Connect Switch using Quantum Dot Cellular Automata (QCA)	Dr. Amita Asthana Associate Professor Ajay Kumar Garg Engineering College, Ghaziabad
27.04.2024/ Saturday	10.00a.m to 12.00 p.m	Optical Sensors for various Applications	Dr. Mayur Kumar Chhipa Counselor, IEEE ISBAT University Student Branch Head of ODeL & Engineering Program ISBAT University, Kampala, Uganda
27.04.2024/ Saturday	2.00 p.m to 2.30 p.m	ValedictorySession	

After successful completion of 2 week days FDP, the participants have got the participant certificate.

Children's Education Society(Regd.)

The Oxford College of Engineering

Hosur Road, Bommanahalli, Bengaluru – 560068, 080-30219601/02, Fax-080-25730551, 30219629
(Approved by AICTE, Accredited by NAAC-A Grade , New Delhi & Affiliated to VTU, Belagavi)

Department of CSE,ISE, ECE and EEE

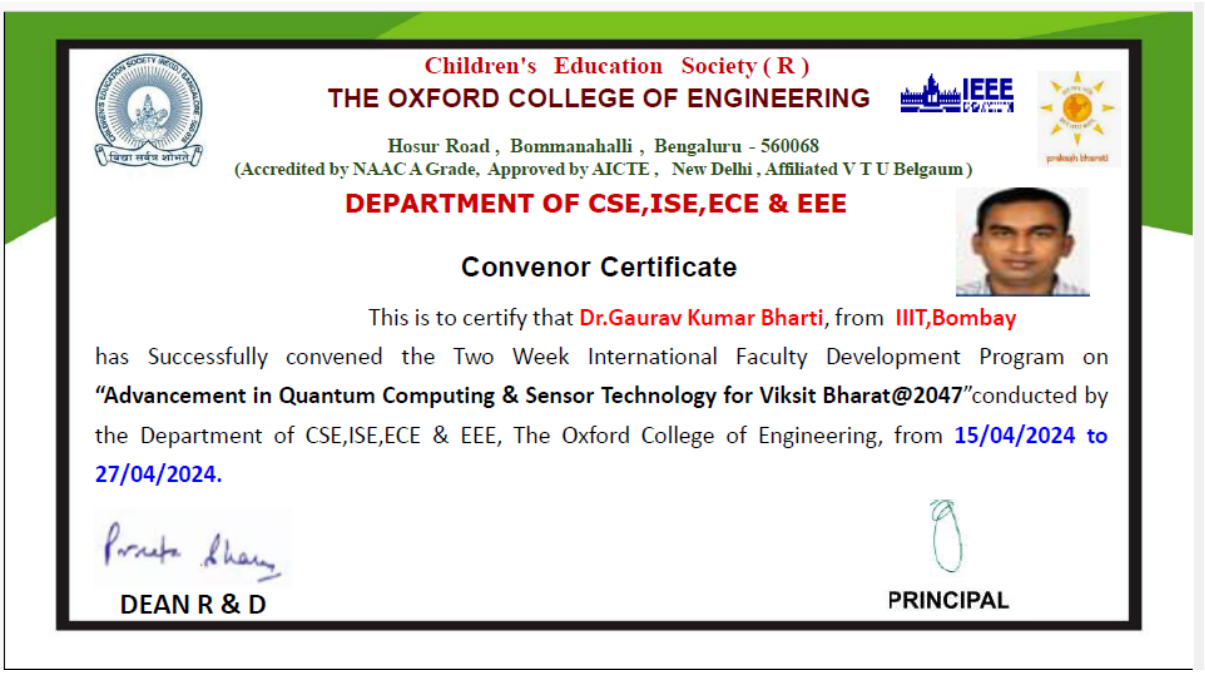
CERTIFICATE OF PARTICIPATION

This is to certify that Prof / DR. S.Visalini

Has successfully participated in the two weeks International Faculty Development Program "Advancement in Quantum Computing and Sensor Technology for Viksit Bharat @ 2047" from 15th to 27th April 2024 conducted by the department of CSE, ISE, ECE and EEE of The Oxford College of Engineering, Bengaluru.

Convenor

Principal



Children's Education Society (R)

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road , Bommanahalli , Bengaluru - 560068

(Accredited by NAAC A Grade, Approved by AICTE , New Delhi , Affiliated V T U Belgaum)

DEPARTMENT OF CSE,ISE,ECE & EEE

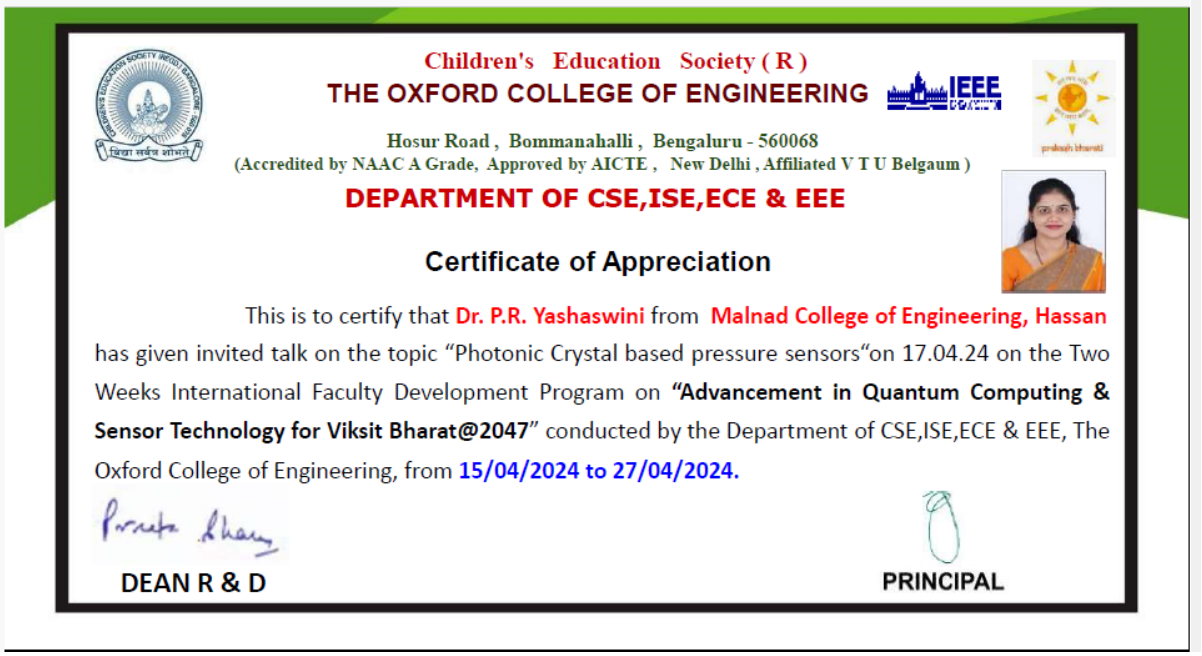
Convenor Certificate

This is to certify that Dr.Gaurav Kumar Bharti, from IIIT,Bombay has Successfully convened the Two Week International Faculty Development Program on "Advancement in Quantum Computing & Sensor Technology for Viksit Bharat@2047"conducted by the Department of CSE,ISE,ECE & EEE, The Oxford College of Engineering, from 15/04/2024 to 27/04/2024.

DEAN R & D

PRINCIPAL

Convener certificate



Children's Education Society (R)

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Hosur Road , Bommanahalli , Bengaluru - 560068

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DEPARTMENT OF CSE,ISE,ECE & EEE

Certificate of Appreciation

This is to certify that Dr. P.R. Yashaswini from Malnad College of Engineering, Hassan has given invited talk on the topic "Photonic Crystal based pressure sensors"on 17.04.24 on the Two Weeks International Faculty Development Program on "Advancement in Quantum Computing & Sensor Technology for Viksit Bharat@2047" conducted by the Department of CSE,ISE,ECE & EEE, The Oxford College of Engineering, from 15/04/2024 to 27/04/2024.

DEAN R & D

PRINCIPAL

Appreciation certificate

Children's Education Society (R)

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DEPARTMENT OF CSE,ISE,ECE & EEE

ORGANIZER CERTIFICATE

This is to certify that S.Visalini, Assistant Professor from The Oxford College of Engineering has Successfully organized the Two Weeks International Faculty Development Program on "Advancement in Quantum Computing & Sensor Technology for Viksit Bharat@2047" conducted by the Department of CSE,ISE,ECE & EEE, The Oxford College of Engineering from 15/04/2024 to 27/04/2024.

DEAN R & D

PRINCIPAL

Faculty Coordinator certificate

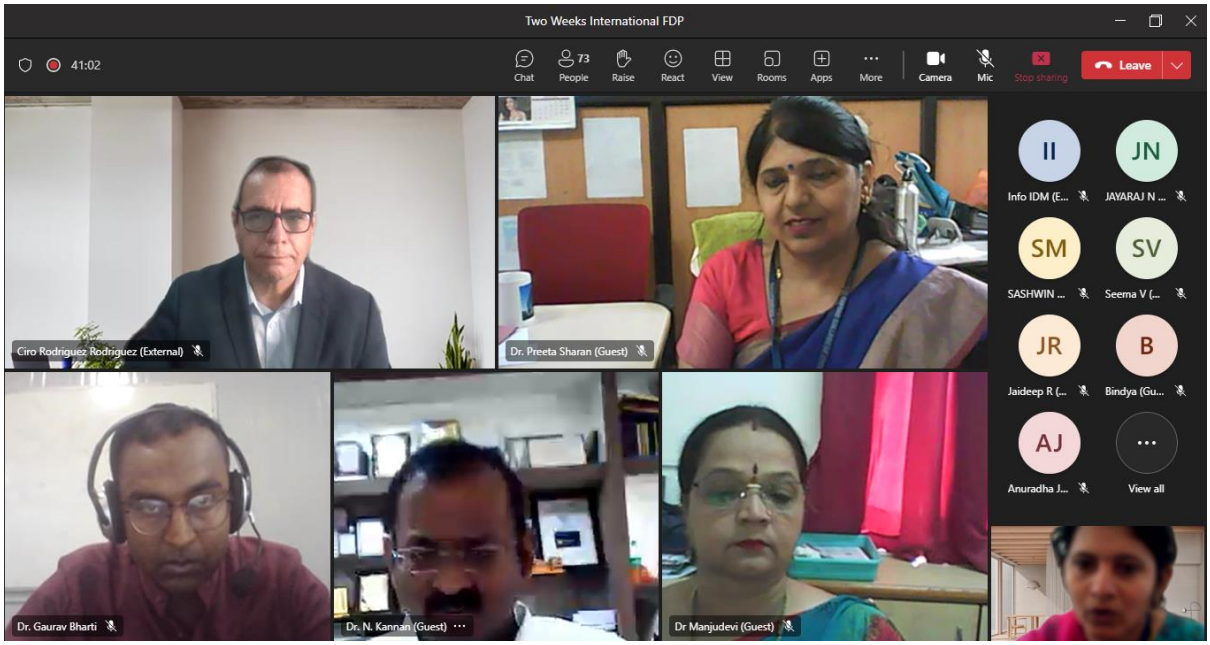
The FDP was conducted in hybrid mode .

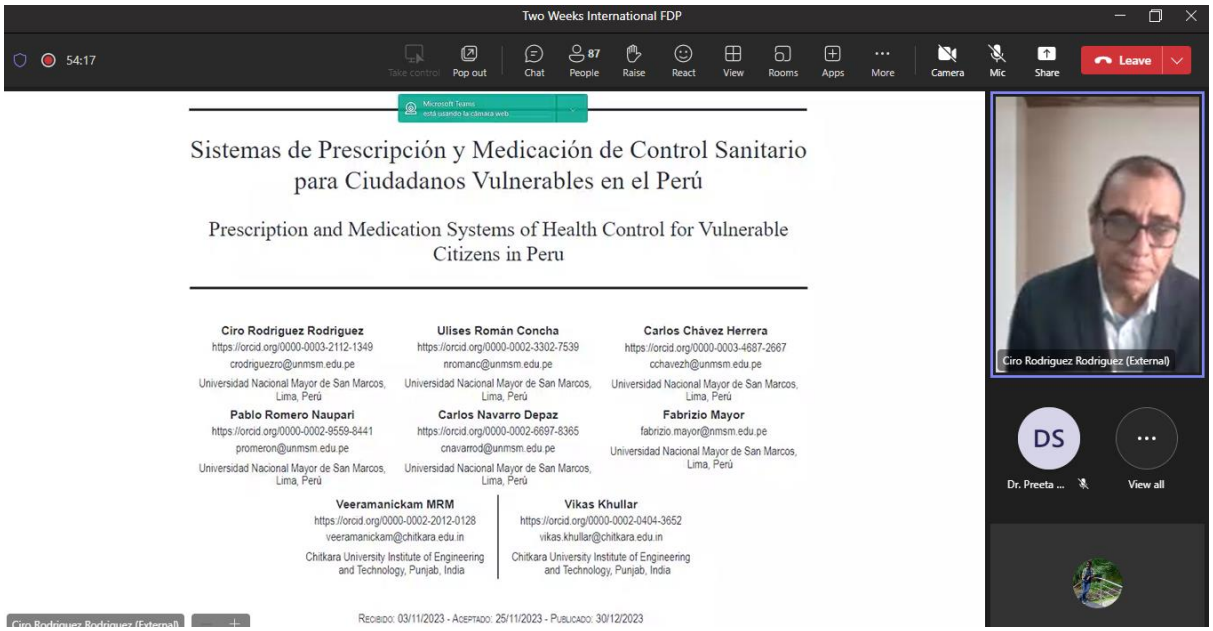
The Event was inaugurated by Dr. N. Kannan, Principal the oxford college of Engineering at 9 AM on 15/04/2024. Prof. Manjula Department of CSE, initiated the event by welcoming the guests and participants to the event. Dr. Kannan N, wished the event all success and good learning to the participants. Dr.Preeta Sharan gave detailed introduction about the event.

Prof. Jayaraj introduced the day's speaker Prof. Dr. Ciro Rodriguez, Full professor, National University Federico Villareal, National University, Mayor de San Marcos, and welcomed him to take over the session.

Dr. Ciro gave a detailed session on the topic "Smart Medical Prescription system using Fuzzy logic for various Diagnosis" and thoroughly answered all the queries.

Prof. Visalini thanked Dr. Ciro for his graceful presence and presenting a tremendous session, , and all the participants for active participation.





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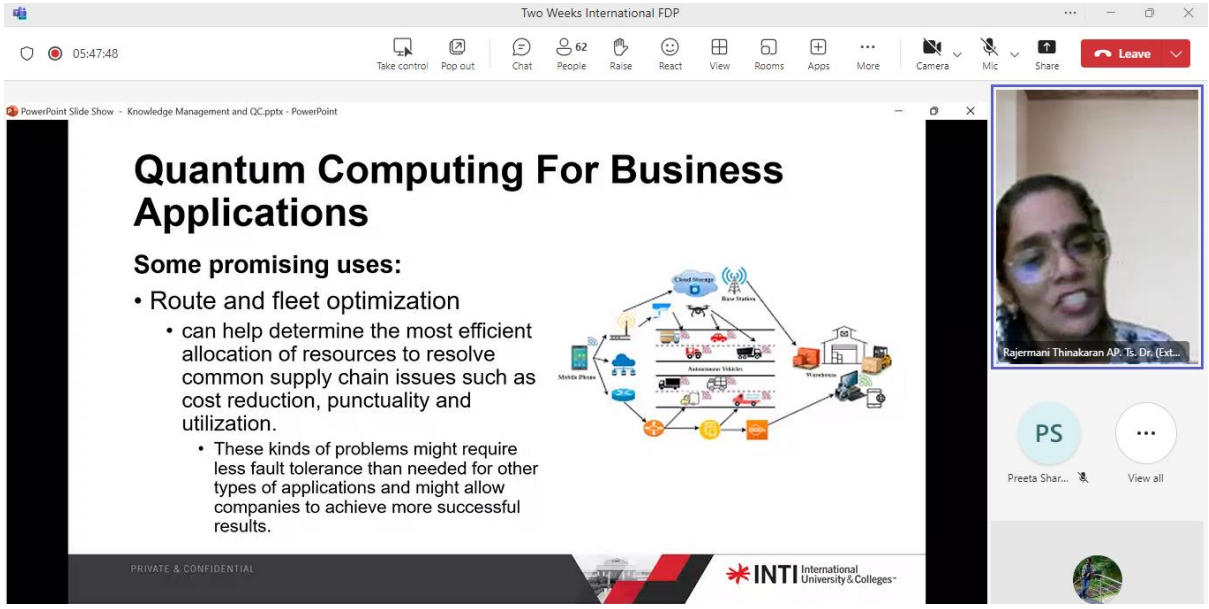
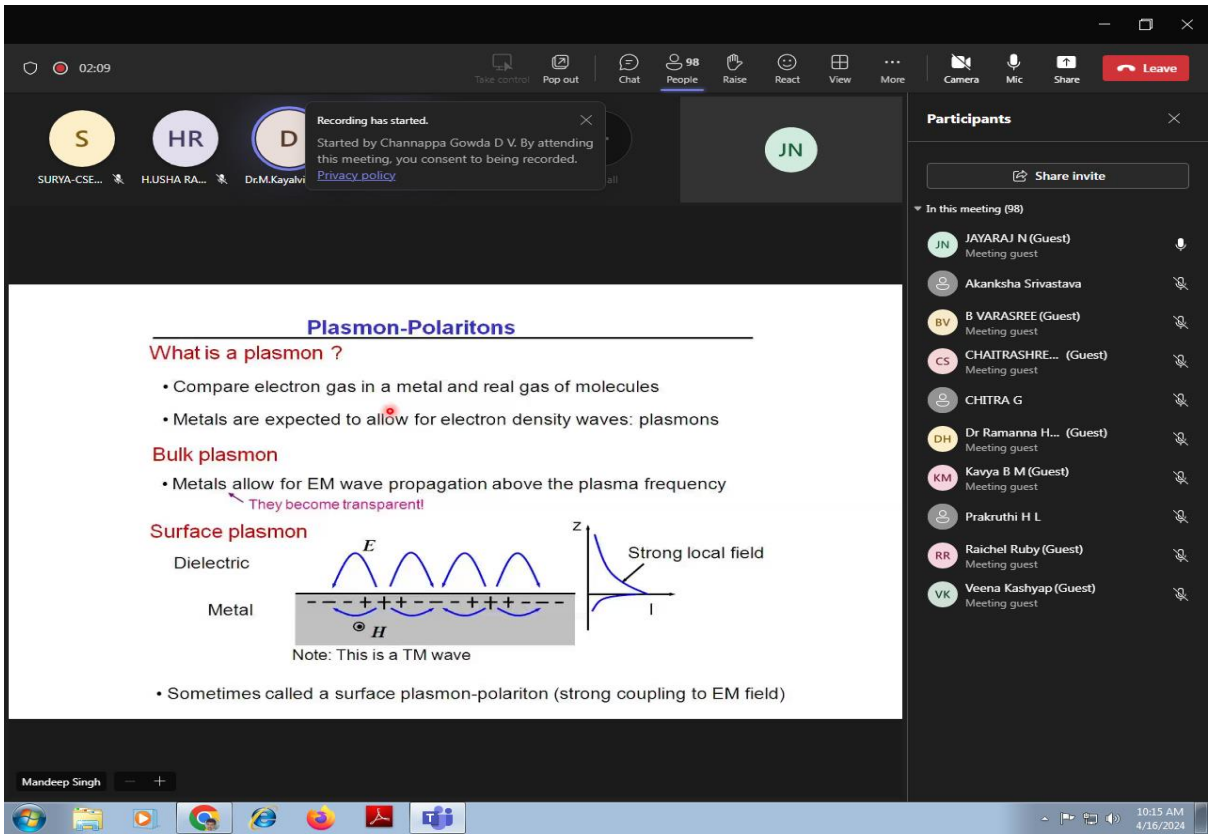
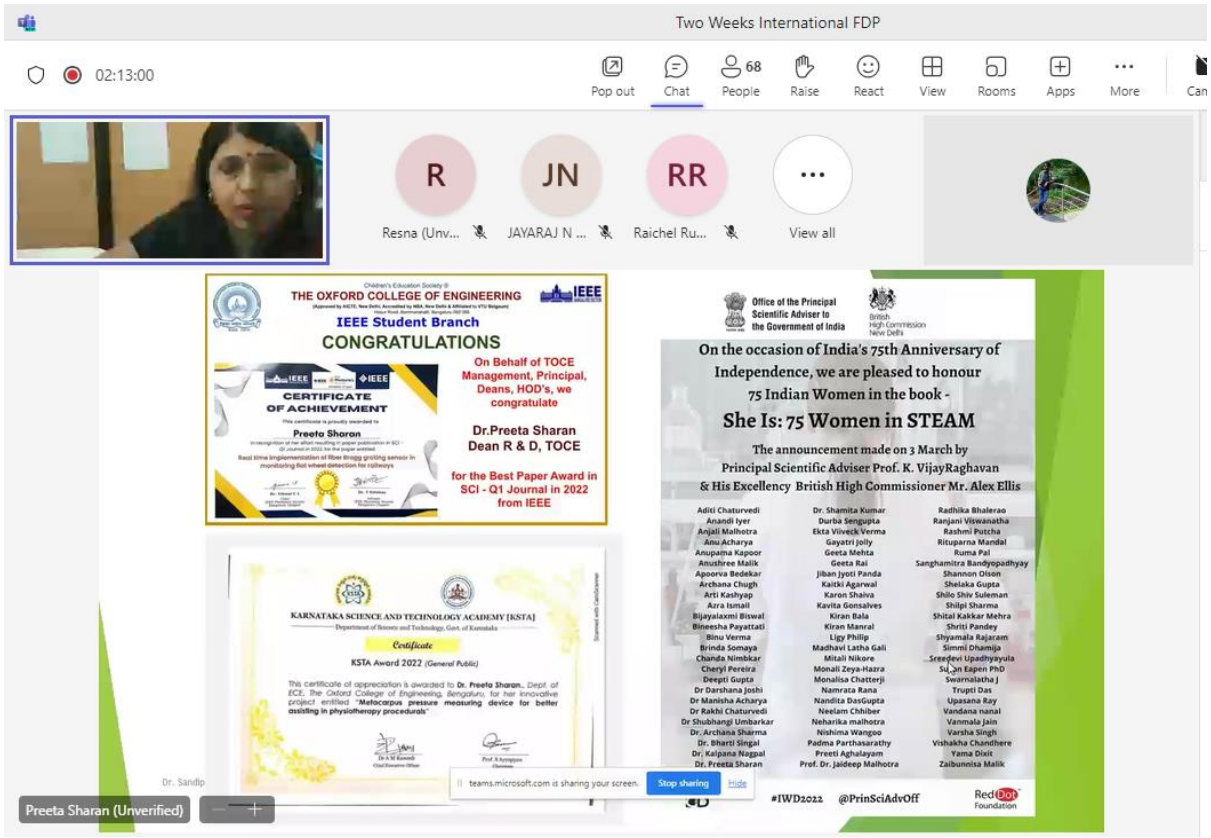
Afternoon 15/4/24-Dr. Rajermani , INTI International University, Malaysia on Topic "Knowledge Management – What and Why?"



Day2:16.04.2024 Morning session Dr. Mandeep singh, Asst. Professor, Dept of ECE, NIT, Surathkal "Advances and Applications of nanophotonic Sensors"



Day2:16.04.2024 afternoon session talk by Dr.Preeta Sharan, Dean R & D, TOCE, Bangalore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THE OXFORD COLLEGE OF ENGINEERING
IEEE Student Branch
CONGRATULATIONS
CERTIFICATE OF ACHIEVEMENT
Preeta Sharan
On Behalf of TOCE Management, Principal, Deans, HOD's, we congratulate
Dr.Preeta Sharan
Dean R & D, TOCE
for the Best Paper Award in SCI - Q1 Journal in 2022 from IEEE
KARNATAKA SCIENCE AND TECHNOLOGY ACADEMY [KSTA]
Certificate
KSTA Award 2022 (General Public)
Office of the Principal Scientific Adviser to the Government of India
British High Commission New Delhi
On the occasion of India's 75th Anniversary of Independence, we are pleased to honour 75 Indian Women in the book -
She Is: 75 Women in STEAM
The announcement made on 3 March by Principal Scientific Adviser Prof. K. VijayRaghavan & His Excellency British High Commissioner Mr. Alex Ellis
Aditi Chaturvedi
Anandi Iyer
Anjali Malhotra
Anu Acharya
Anupama Kapoor
Anushree Malik
Apoorva Bedekar
Archana Chugh
Arti Kashyap
Azra Ismail
Bijayalaxmi Biswal
Bineesha Payattati
Binu Verma
Brinda Somaya
Chanda Nimbkar
Cheryl Pereira
Deepti Gupta
Dr Darshana Joshi
Dr Manisha Acharya
Dr Rakhi Chaturvedi
Dr Shubhangi Umbarkar
Dr. Archana Sharma
Dr. Bharti Singal
Dr. Kalpana Nagpal
Dr. Preeta Sharan
Dr. Shamita Kumar
Durba Sengupta
Ekta Vivek Verma
Gayatri Jolly
Geeta Mehta
Geeta Rai
Jiban Jyoti Panda
Kaitki Agarwal
Karon Shaiva
Kavita Gonsalves
Kiran Bala
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Mitali Nikore
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Monalisa Chatterji
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Nandita DasGupta
Neelam Chhiber
Neharika malhotra
Nishima Wangoo
Padma Parthasarathy
Preeti Aghalayam
Prof. Dr. Jaideep Malhotra
Radhika Bhalerao
Ranjani Viswanatha
Rashmi Putcha
Rituparna Mandal
Ruma Pal
Sanghamitra Bandyopadhyay
Shannon Olson
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Shilo Shiv Suleman
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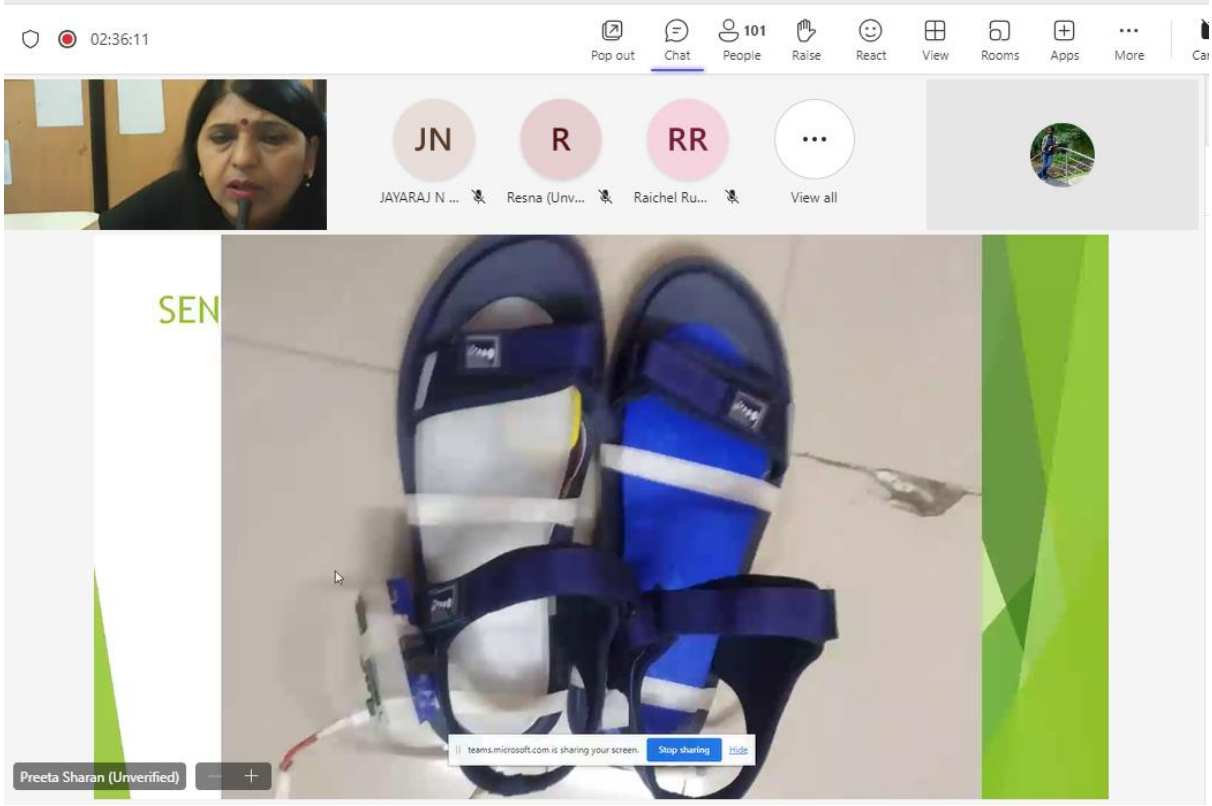
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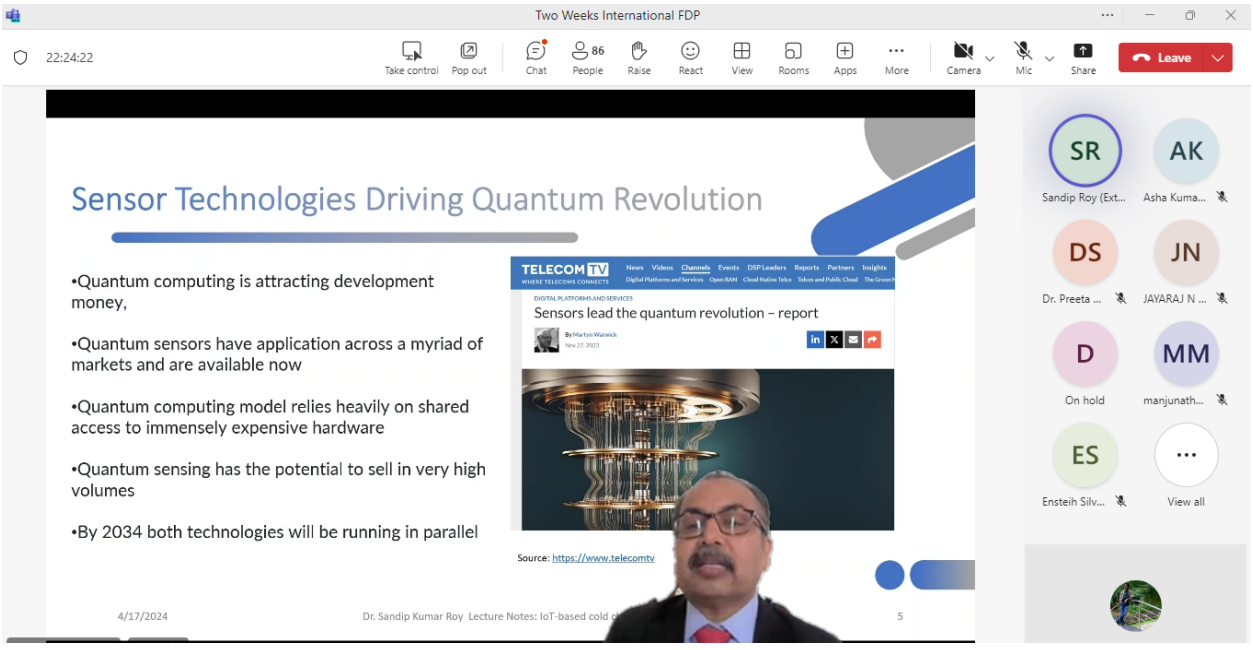
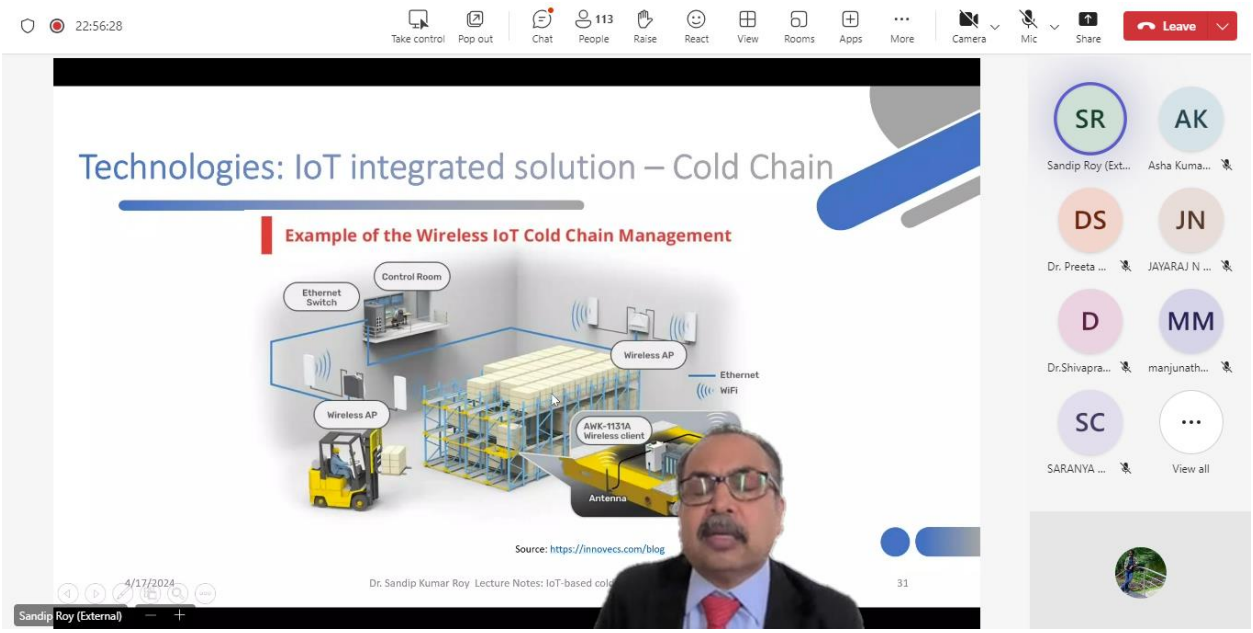
Day 3: 17.04.2024/ Wednesday The Third day session was an invited talk on" Sensing Technologies for Cold Chain Monitoring"by Prof. Sandip Kumar Roy , Executive Vice president, IDM technologies ,Dubai. He has explained about architecture for sensor technologies in cold chain Monitoring

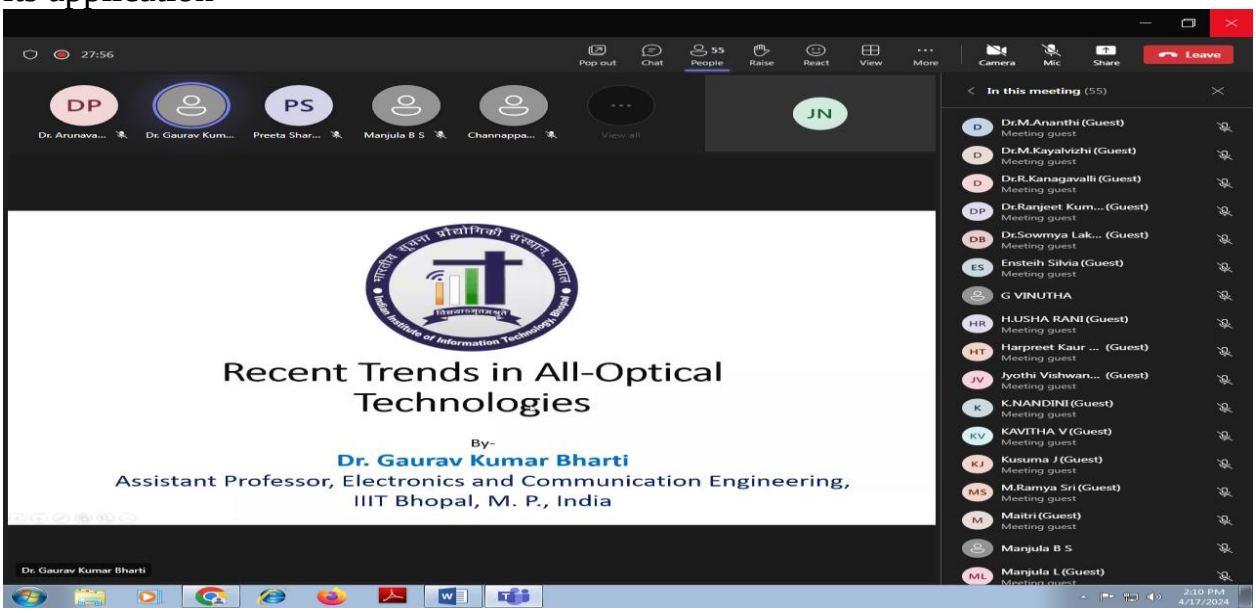
"

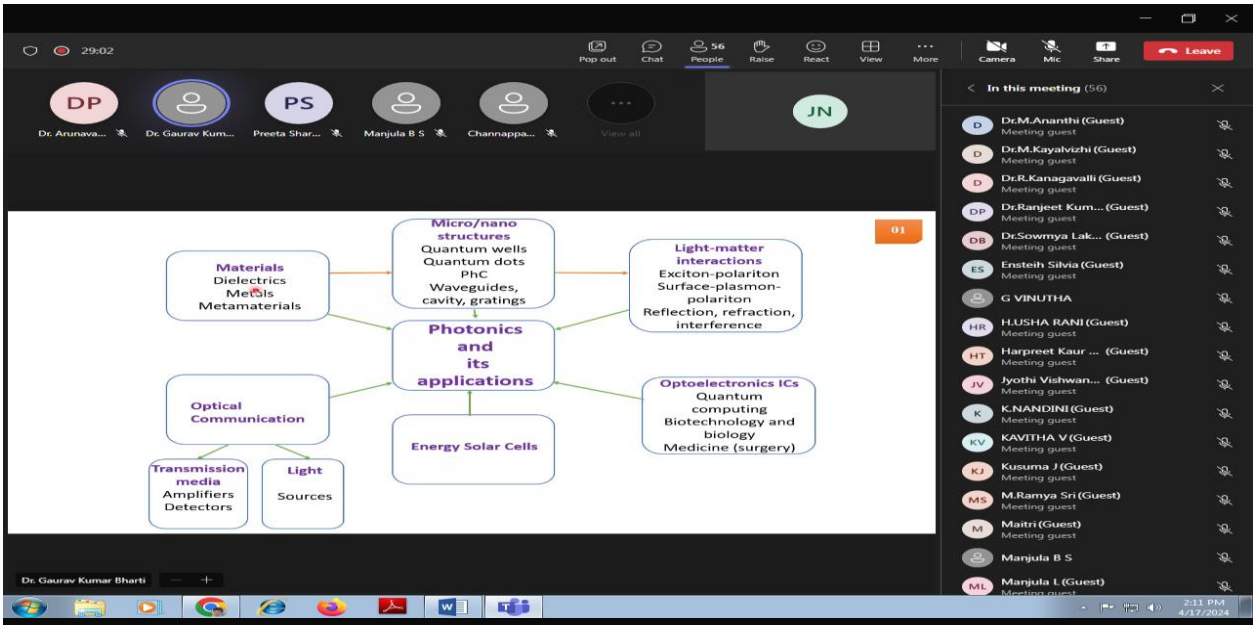


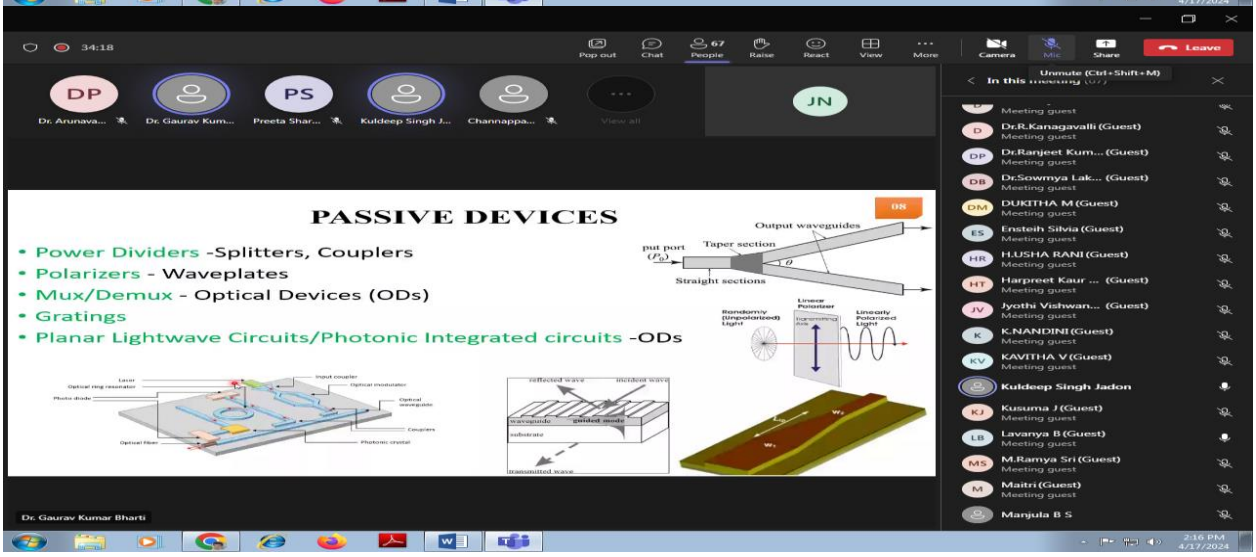


Afternoon session was an invited talk on ““Recent Trends in all Optical Technology”

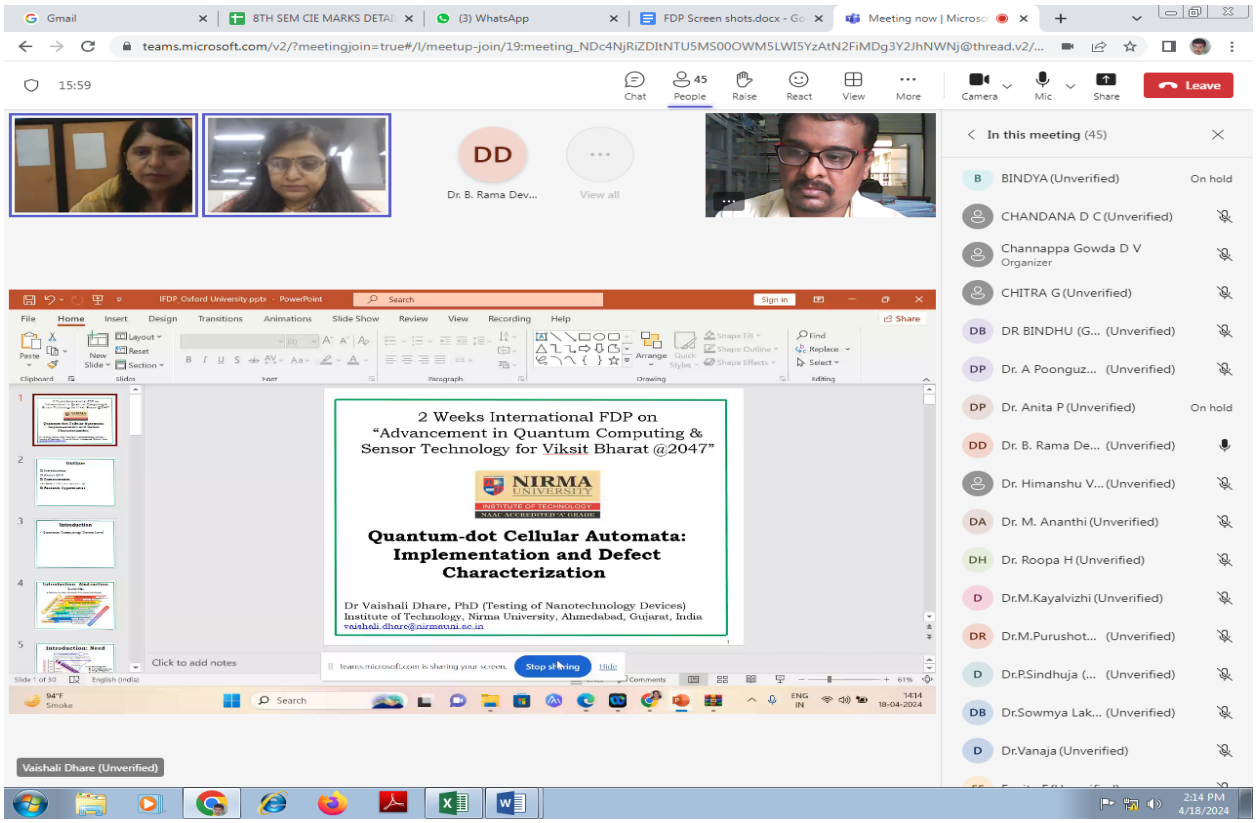
” by Dr. Gaurav Kumar Bharti, IIT, Bhopal.he explained about Photonics and its application







Day4/18/4/24(AN): The Fourth day session was an invited talk on "Quantum-dot Cellular Automata: Implementation to Defect Characterization" by Dr Vaishali Dhare,Associate professor,Nirma University, Ahmedabad,She explained about the Taxonomy of Nano information processing and Defect Characteristics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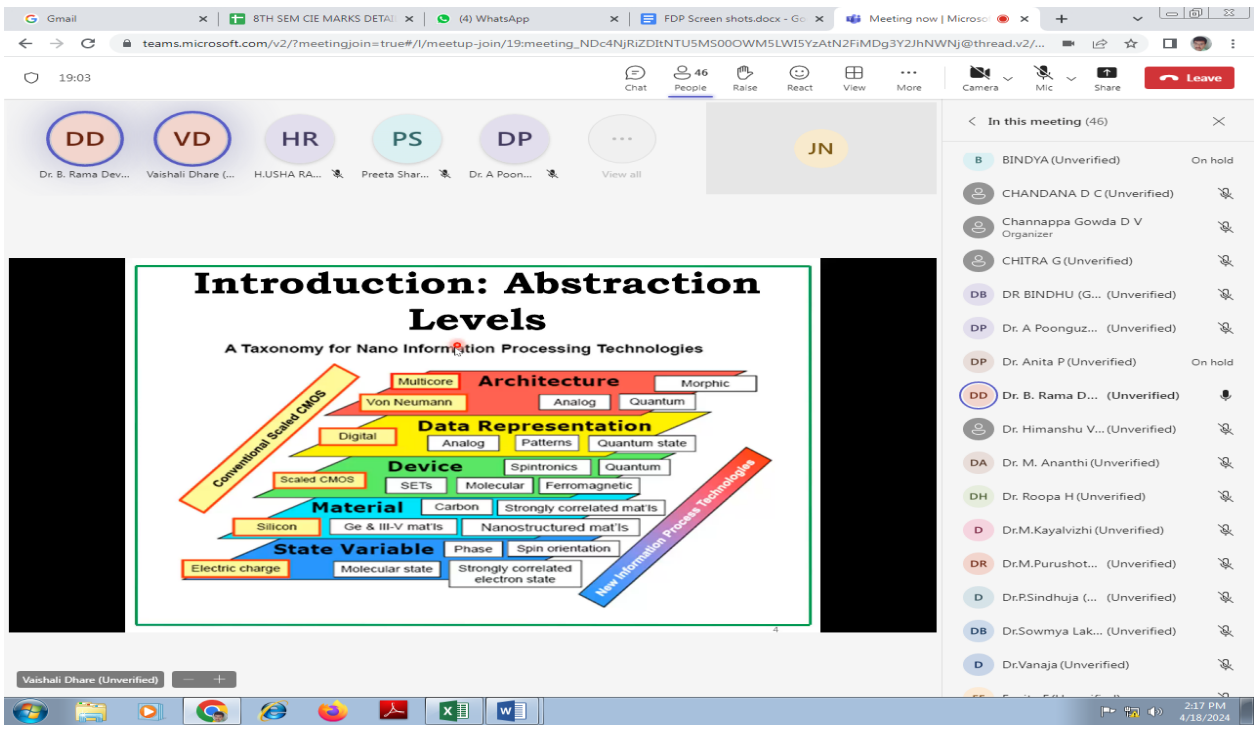
2 Weeks International FDP on
"Advancement in Quantum Computing & Sensor Technology for Viksit Bharat @2047"
NIRMA UNIVERSITY
Quantum-dot Cellular Automata: Implementation and Defect Characterization
Dr Vaishali Dhare, PhD (Testing of Nanotechnology Devices)
Institute of Technology, Nirma University, Ahmedabad, Gujarat, India
vaishali.dhare@nirmauni.ac.in
Vaishali Dhare (Unverified)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Von Neumann
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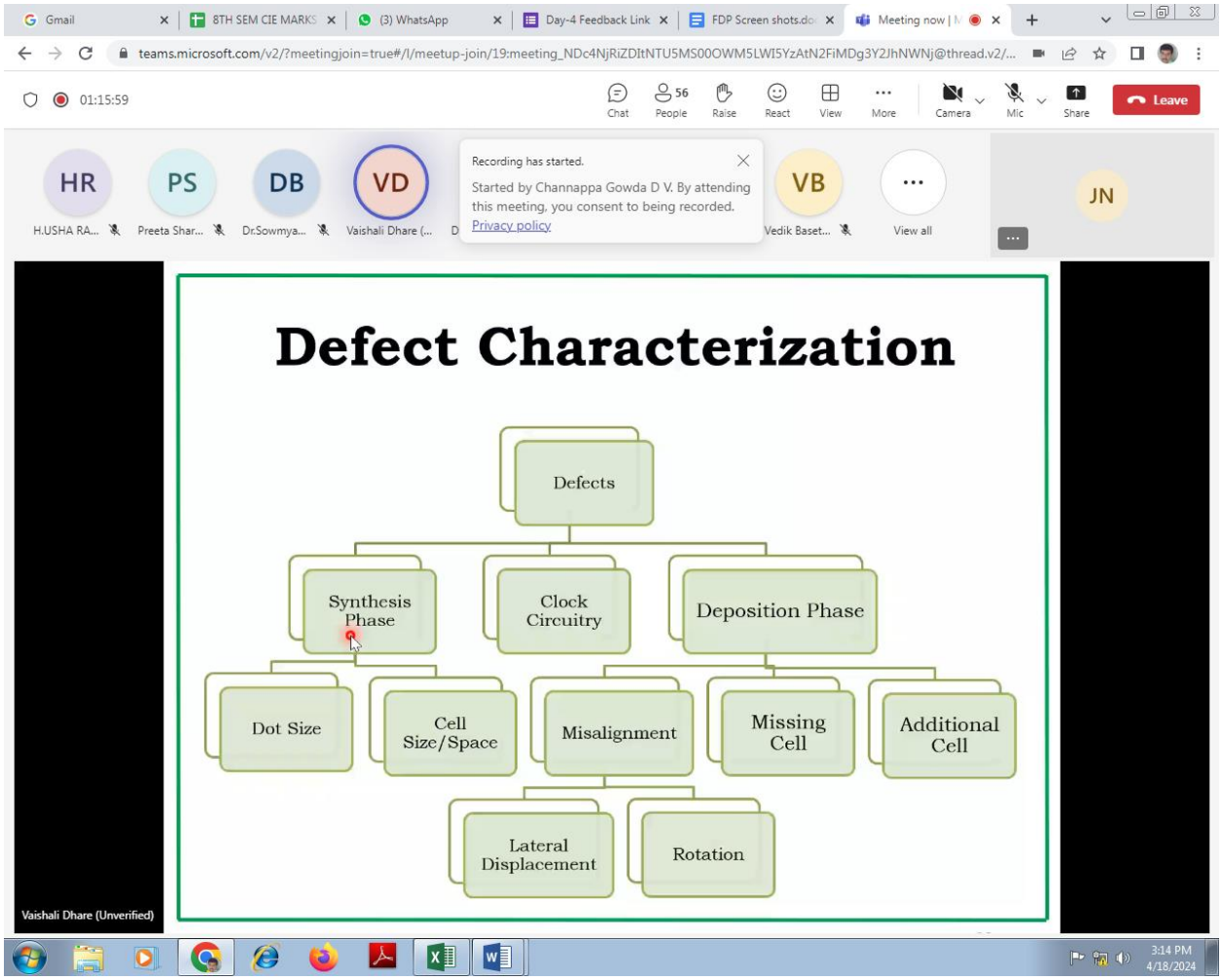
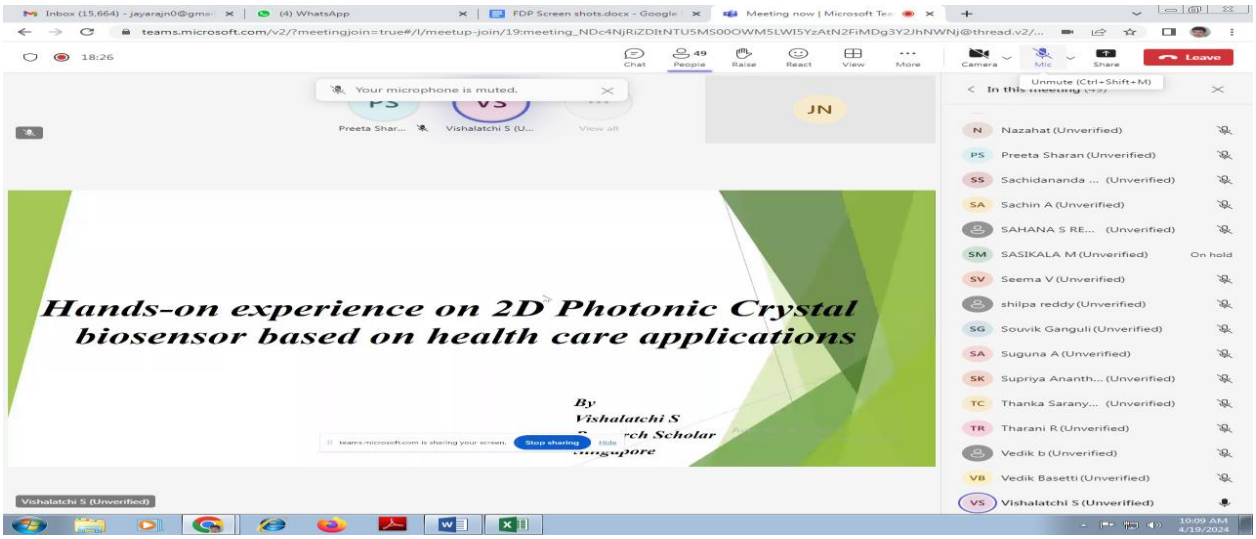
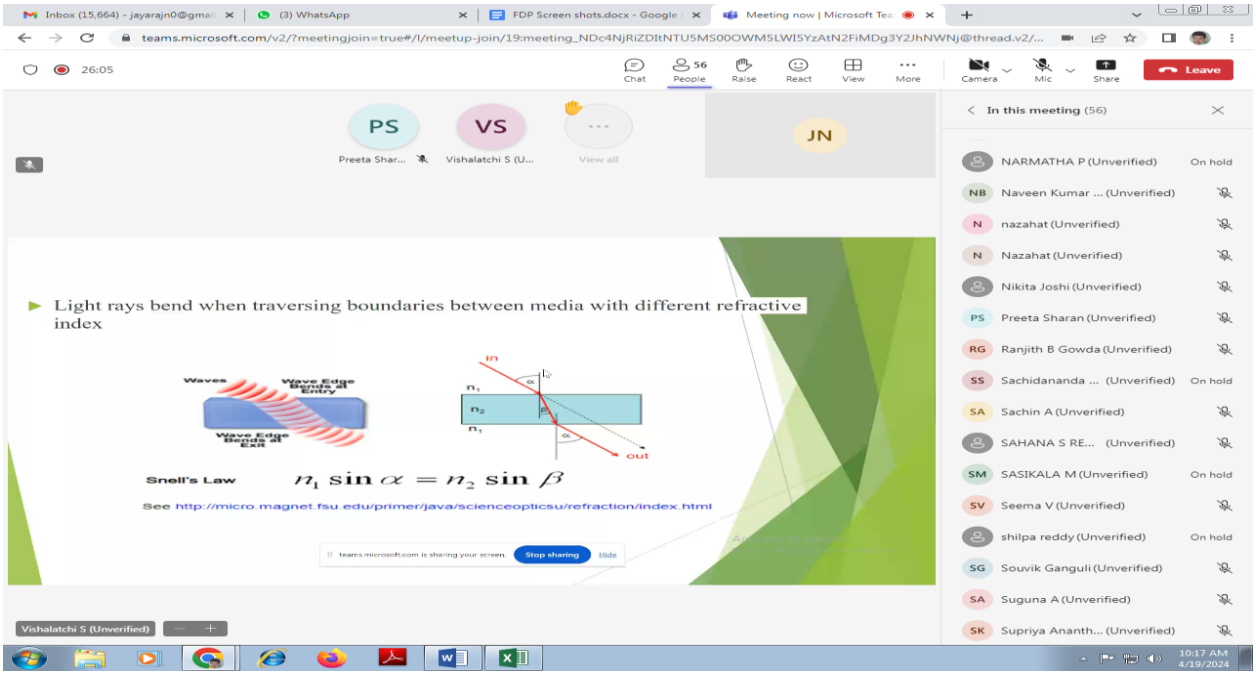


Day 5(19/4/24) The Fifth day session was an invited talk on "
Photonic sensing technology/2D photonic crystal biosensor based on health care applications by Vishalatchi S,Research scholar ,Singapore. She explained about how photonic crystal based bio sensor used in health
care



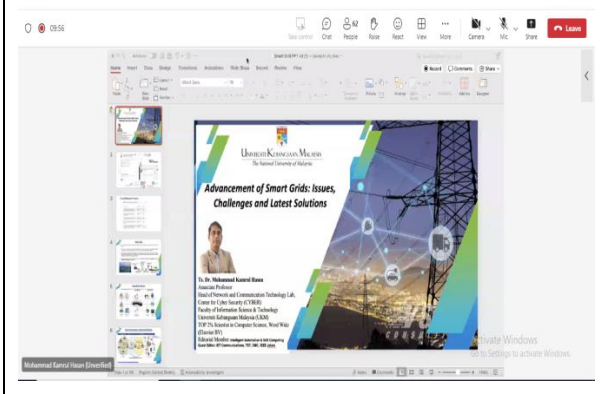


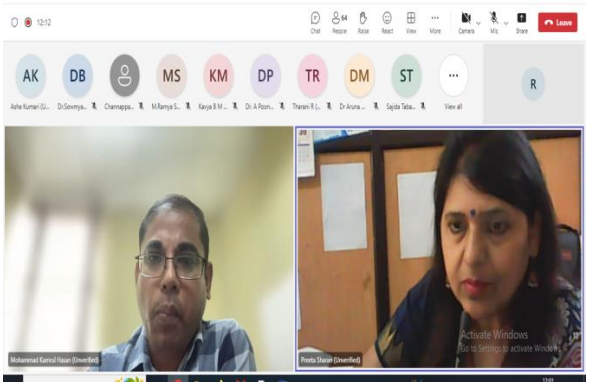
AN: Fundamentals of Non linear Optics and Optical switching

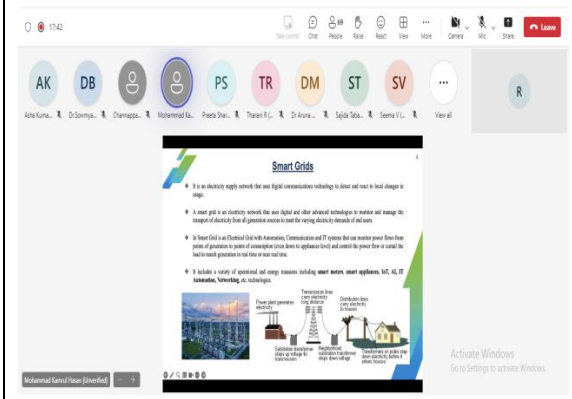
22.04.2024/ Monday-10.00a.m to 12.00 p.m- Smart Grid CPS systems- Dr. Mohammed Kamrul Hasan , Asst. Professor & Head of network& communication Technology, Research Laboratory ,Cyber security center ,Faculty of Information science & Technology ,Universiti Kedangsaan, Malaysia (UKM)

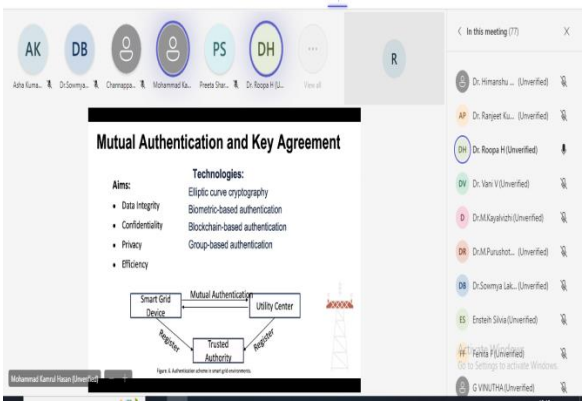
Dr. Mohammed Kamrul Hasan commenced the session with a comprehensive introduction to Smart Grid CPS systems, highlighting their importance in modern power systems. He elaborated on the following key points:

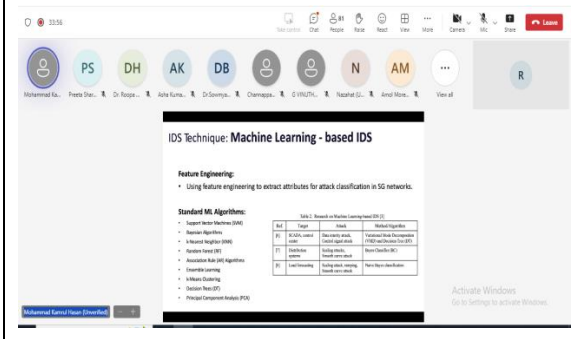
- **Definition and Components:** Dr. Hasan explained the basic components and architecture of Smart Grid CPS systems, including the integration of cyber-physical elements in the grid.
- **Functionality and Benefits:** He discussed how CPS systems enhance the functionality, efficiency, and reliability of smart grids.
- **Challenges and Solutions:** The session covered the major challenges faced in the implementation of Smart Grid CPS, such as cybersecurity threats, data management issues, and system integration complexities. Dr. Hasan also presented potential solutions and mitigation strategies.
- **Technological Advancements:** An overview of recent technological advancements and research trends in Smart Grid CPS was provided.
- **Case Studies:** Dr. Hasan shared relevant case studies and real-world applications to illustrate the practical implications and benefits of Smart Grid CPS systems.

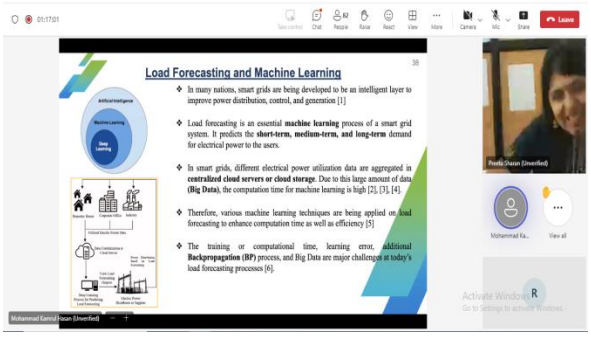








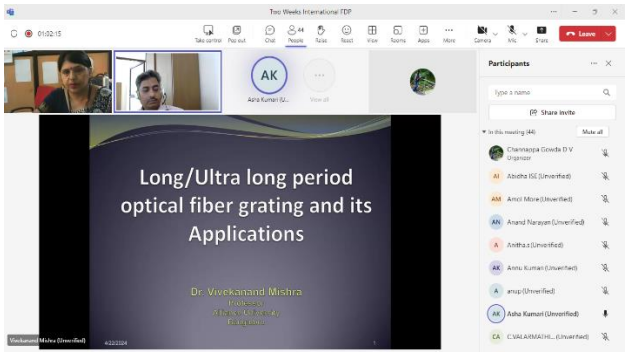


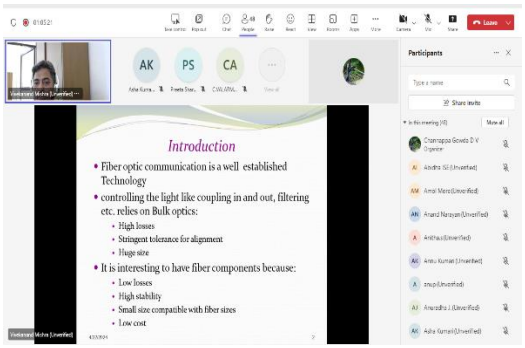


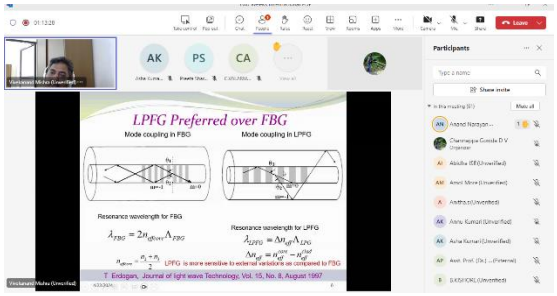
The FDP session on Smart Grid CPS systems, led by Dr. Mohammed Kamrul Hasan, was a resounding success. It provided participants with a thorough understanding of the subject, inspiring them to incorporate these concepts into their academic and research activities.

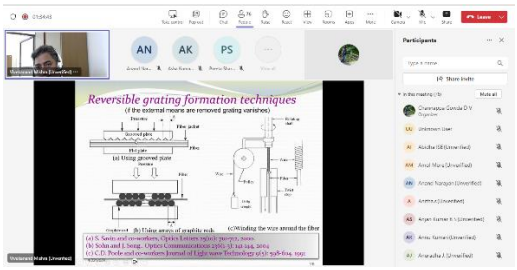
22.04.2024/ Monday-2.00p.m to 3.00 p.m- Long or Ultra-Long Period Optical Fiber Grating and Its Applications-Dr. Vivekanand Mishra,Professor, Department of Science, Alliance University, Bangalore,

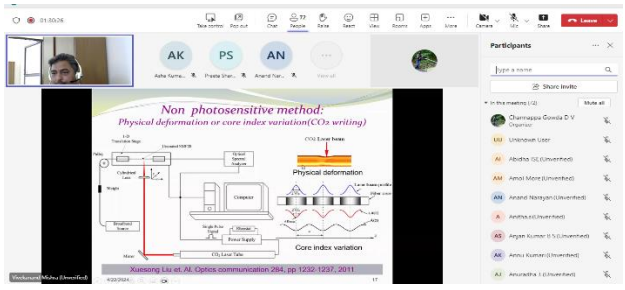
The session aimed to provide participants with a comprehensive understanding of the principles, fabrication techniques, and diverse applications of long and ultra-long period optical fiber gratings.

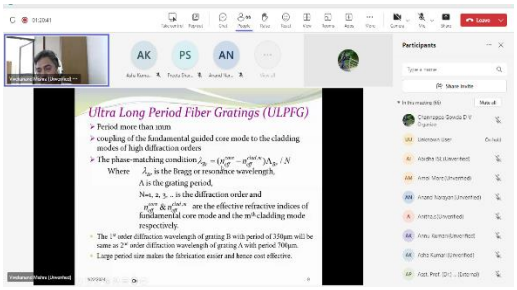












The primary objectives of the session were:

To introduce the concept and working principles of long and ultra-long period optical fiber gratings.

To discuss the methods used for the fabrication of these gratings.

To explore the various applications of these gratings in different fields.

Participants gained valuable knowledge about the advancements and applications of optical fiber gratings, which will contribute to their future research and teaching endeavors.

23.04.2024/ Tuesday 10.00a.m to 12.00 p.m-Optical sensing using DBR Dr. Ranjith B Gowda,Prof. Govt.CPC Polytechnique,Mysuru.

Dr. Ranjith B. Gowda explained the fundamental principles and the importance of optical sensing technologies in various industries. Advanced topics in optical sensing were discussed, including recent advancements and future trends in the field

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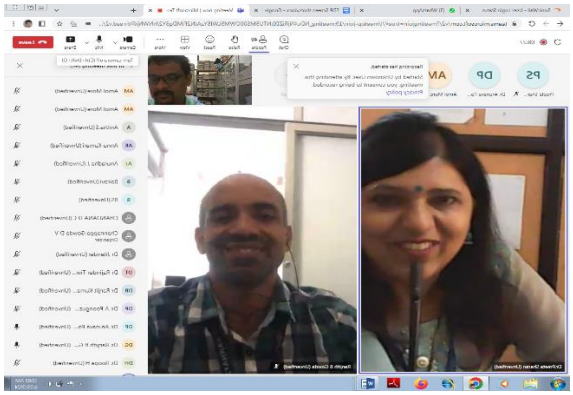
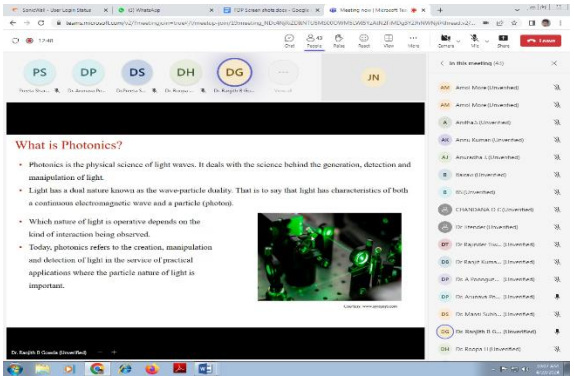
<td>  </td>
<td> 
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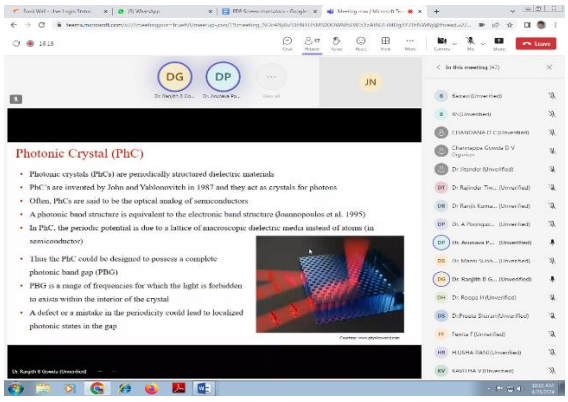
<td> 
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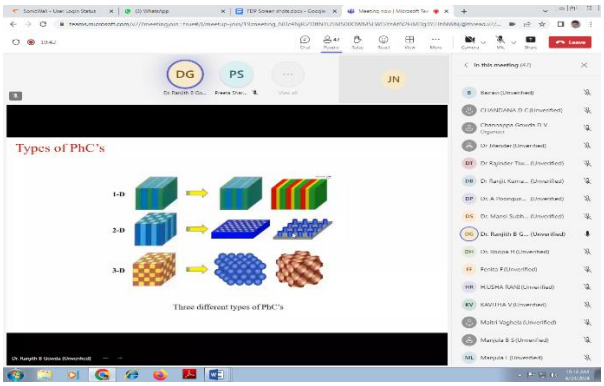
<td> 
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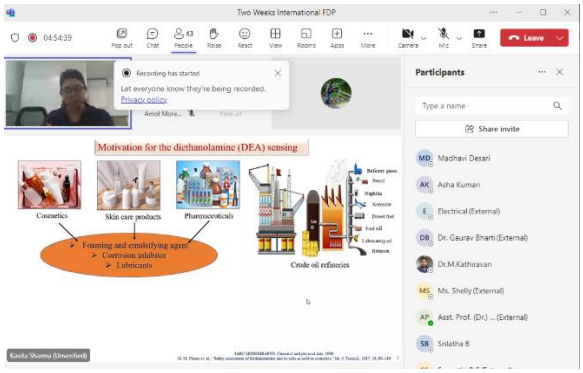
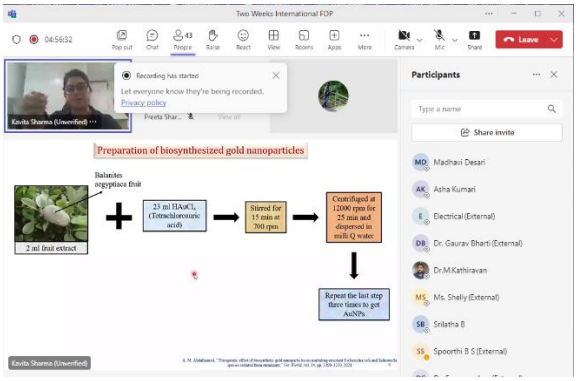
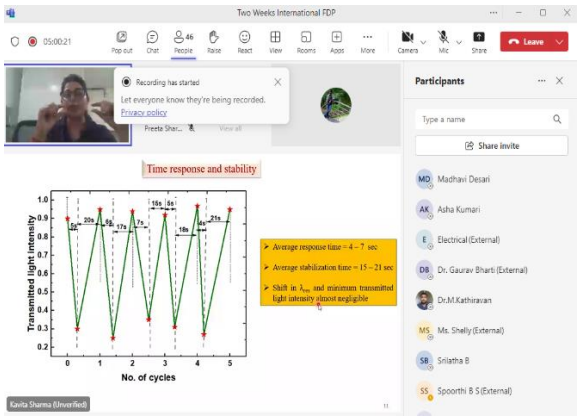
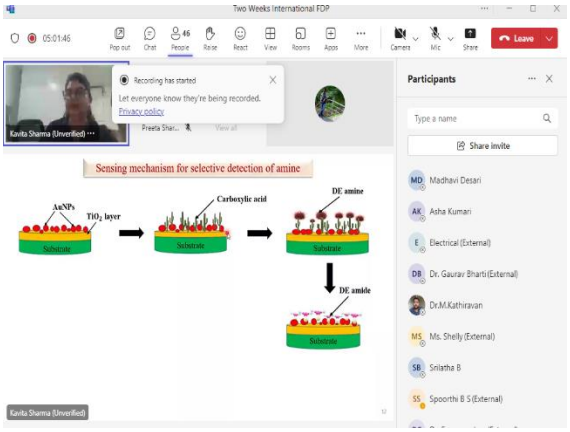
23.04.2024/ Tuesday 2.00 pm to 4.00 p.m Biosynthesized gold nanoparticle-enabled fiber optic sensor for selective diethanolamine sensing Dr. Kavita Sharma,Research Professional SeNSE IIT Delhi

Dr. Kavitha Sharma began the session by providing a comprehensive introduction to the topic, explaining the importance of diethanolamine sensing in various industrial and environmental contexts. Diethanolamine is a commonly used chemical in manufacturing, pharmaceuticals, and as a gas scrubbing agent, necessitating reliable and selective detection methods. The session aimed to introduce and elaborate on the innovative approach of using biosynthesized gold nanoparticles in fiber optic sensors for detecting diethanolamine (DEA).









24.04.2024/ Wednesday 10.00a.m to 12.00 p.m Grating Structures for Biosensing Applications Dr.IbrarJahan MA , RNSIT,Bangalore

Dr.IbrarJahan MA commenced the session with a comprehensive introduction of Grating Structures for Biosensing Applications. She elaborated on the following key points

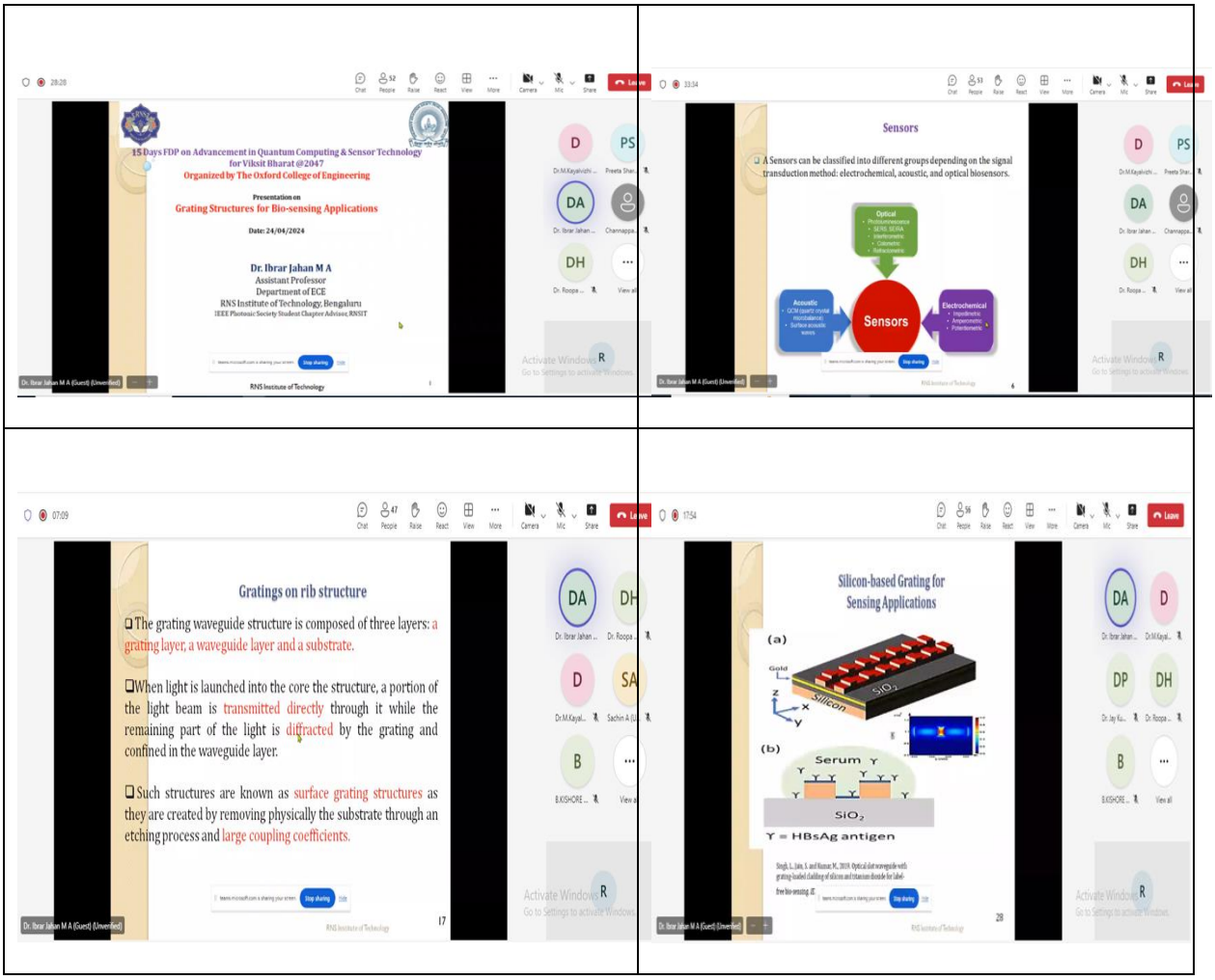
Principle: Grating structures function based on the principle of diffraction, where incident light interacts with periodic nanostructures to generate diffracted orders. Changes in the surrounding medium, such as biomolecular binding events, can alter the grating properties, leading to measurable changes in the diffracted light

Label-Free Detection: One of the significant advantages of grating-based biosensors is their capability for label-free detection. This means that biomolecular interactions can be detected directly without the need for fluorescent or other labels, simplifying the assay procedure and reducing costs.

Real-Time Monitoring: Grating structures enable real-time monitoring of biomolecular interactions, providing dynamic information on binding kinetics and affinity constants. This capability is particularly valuable for studying biomolecular interactions and characterizing biochemical processes.

Miniaturization and Integration: Grating-based biosensors can be miniaturized and integrated into lab-on-a-chip systems, enabling portable and point-of-care diagnostic applications. Integration with microfluidic systems further enhances the capabilities of grating biosensors for high-Applications: Grating structures find applications in various fields, including medical diagnostics, environmental monitoring, food safety, and pharmaceutical development. They are used for detecting biomolecules such as proteins, DNA, viruses, and small molecules with high sensitivity and specificity.

Challenges: Despite their advantages, grating-based biosensors face challenges such as optimizing sensitivity while minimizing non-specific binding, improving fabrication techniques for reproducibility, and enhancing signal-to-noise ratios for reliable detection in complex sample matrices.



24.04.2024/ Wednesday,2.00 pm to 4.00 p.m Optimized Digital Cross Connect Switch for System-On-Chip (SoC) Dr. Gunjan Thakur ,Assistant Professor, Department of ICT, PDEU, Gandhinagar, Gujarat.

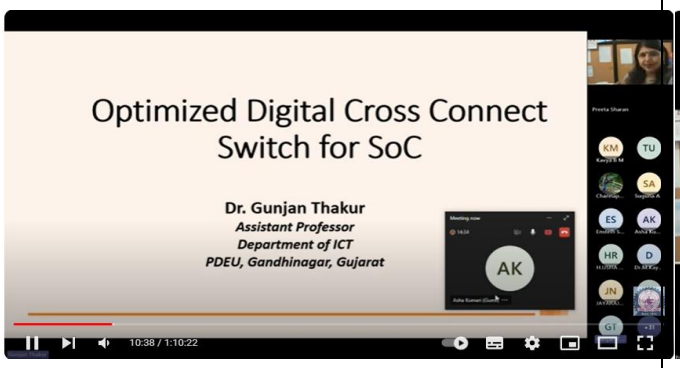
Dr. Gunjan Thakur commenced the session with a comprehensive introduction of Optimized Digital Cross Connect Switch for System-On-Chip (SoC). She elaborated on the following key points

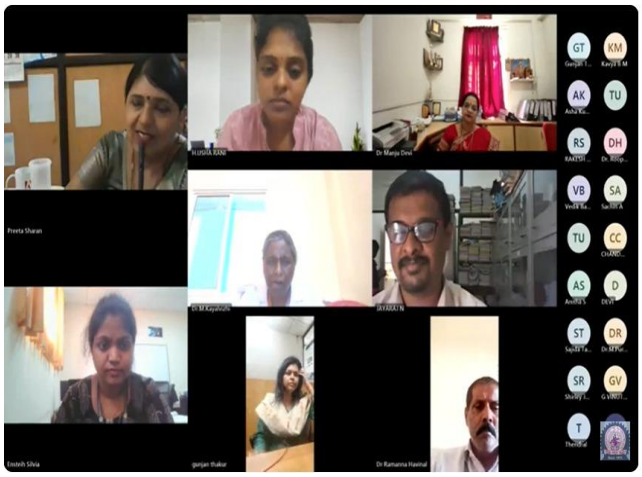
Functionality: A digital cross-connect switch (DCS) is a key component in SoCs responsible for routing data between different processing elements, memory blocks, and peripherals within the chip. It facilitates efficient communication and data exchange between various components of the SoC.The DCS offers flexibility and scalability to accommodate different communication protocols, data rates, and interface standards within the SoC. It supports dynamic reconfiguration to adapt to changing system requirements and optimize resource utilization.

Reliability and Fault Tolerance: The DCS implements mechanisms for error detection,

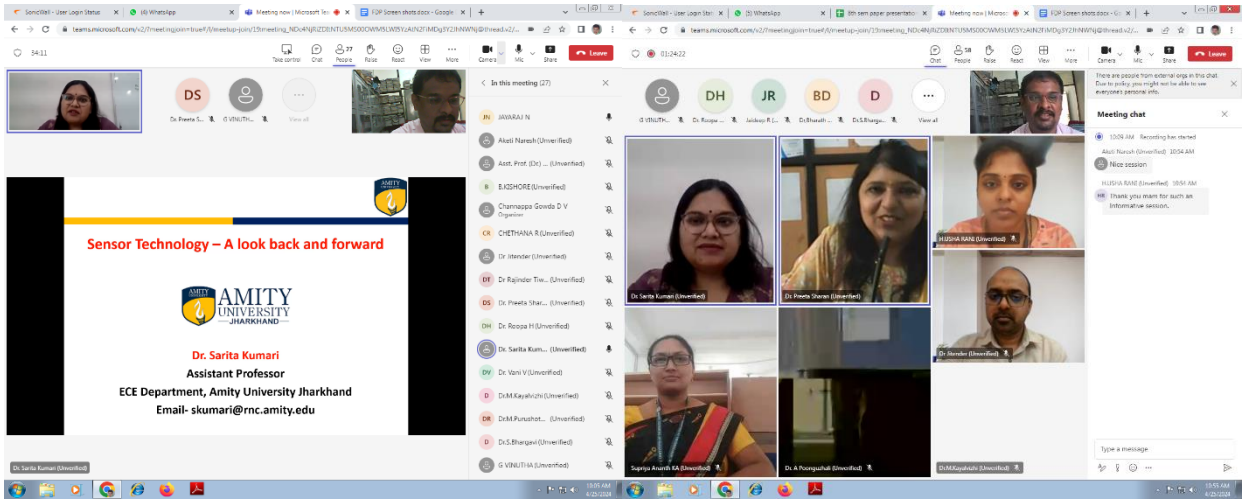
correction, and fault tolerance to ensure reliable operation in the presence of transient faults, aging effects, and manufacturing variations. Redundancy, error checking codes, and built-in self-test (BIST) features may be integrated to enhance the robustness of the DCS.

Design Optimization: The design of the DCS is optimized using advanced CAD tools, simulation techniques, and hardware description languages (HDLs) to achieve the desired performance metrics while meeting constraints such as area, power, and timing. Iterative design refinement and verification processes are employed to validate the functionality and performance of the DCS prior to fabrication.

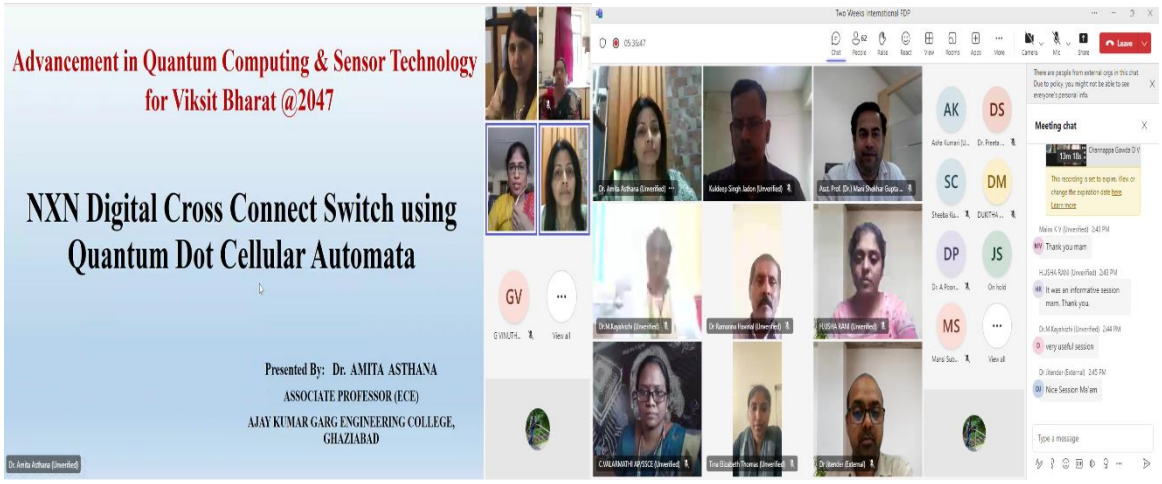




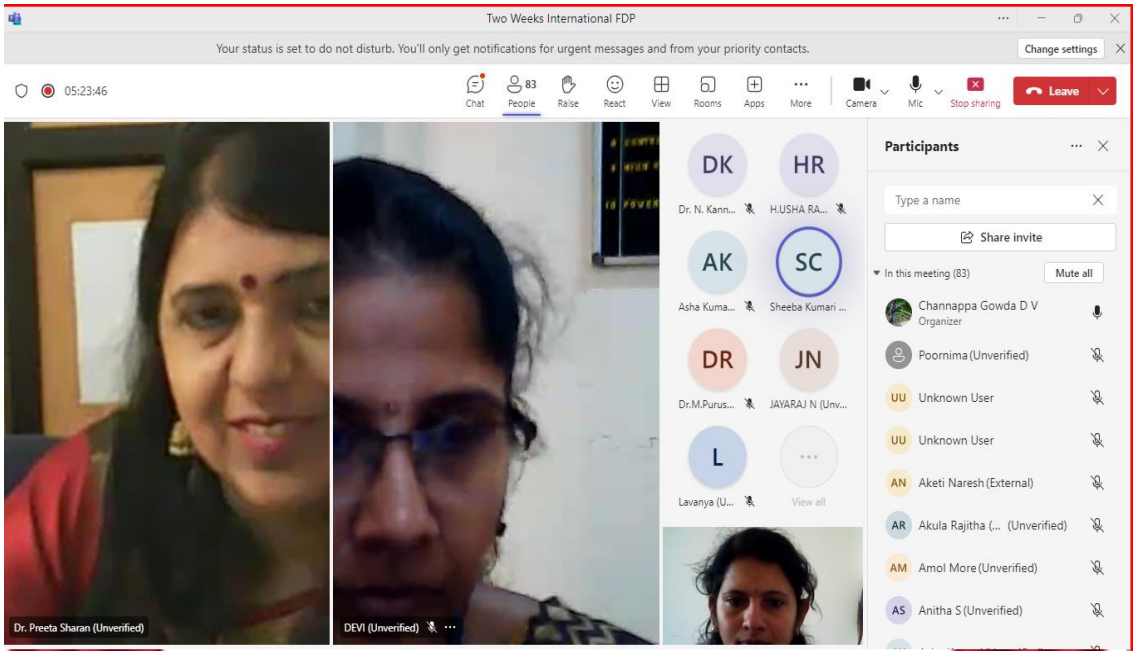
Day 9 morning session talk was by Dr. Sarita Kumari, Assistant Professor, Dept of ECE, Amity University, Jharkand on the topic "Sensor Technology: a look back and forward".



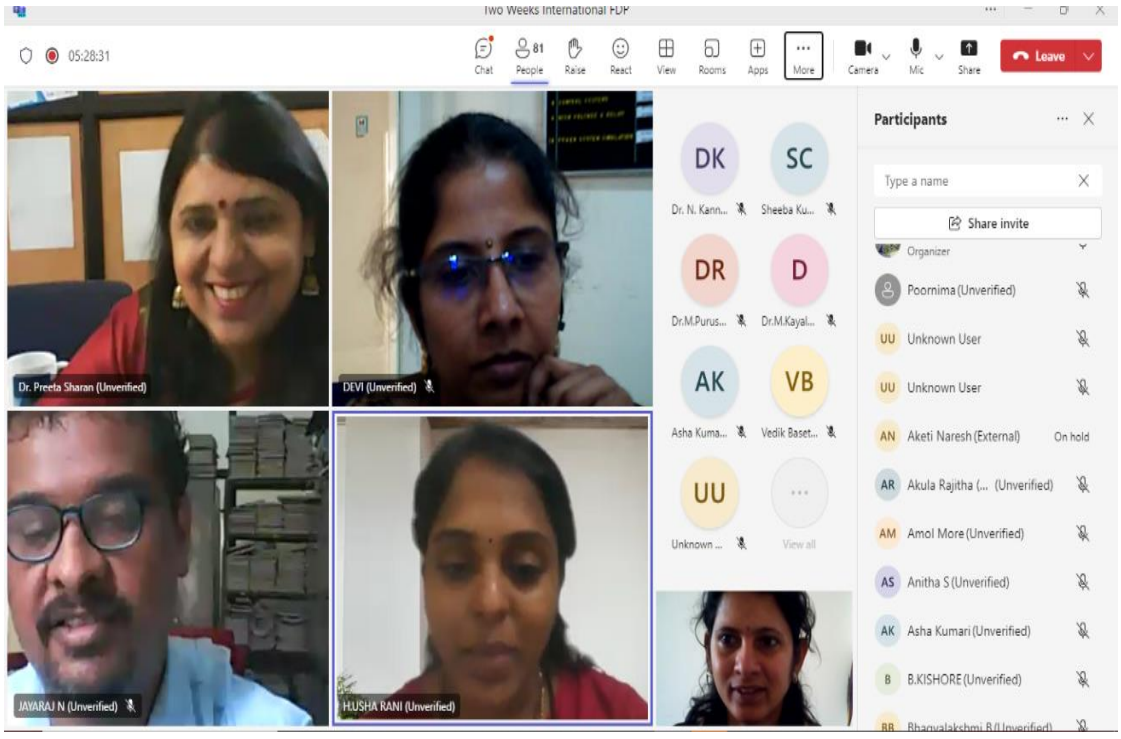
Day9Afternoon session started at 2 PM on the topic "NXN Digital Cross Connect switch using Quantum Dot Cellular Automata" by Dr.Amitha Asthana, Associate Professor, Department of ECE, Ajay Kumar Garg Engineering College, Ghaziabad.



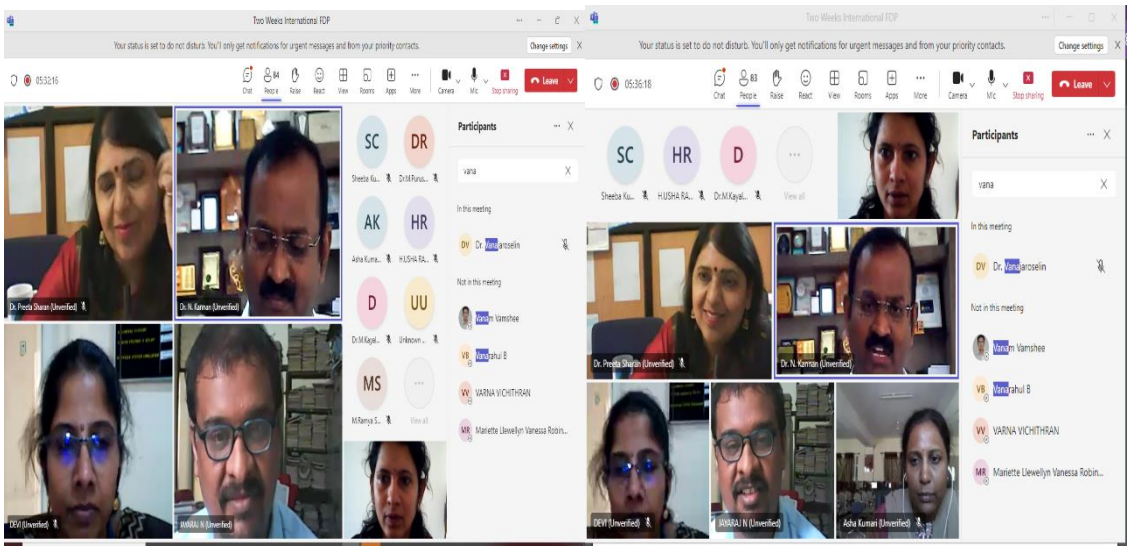
Day 10 and the last day of the FDP - 27/4/24-Morning session started at 10 AM with a talk on "Metamaterials in Photonics" by Dr. Deepak Kumar , Research Fellow,
School of Electronic and Electrical Engineering, University of Leeds, Leeds, LS2 9JT, United Kingdom.



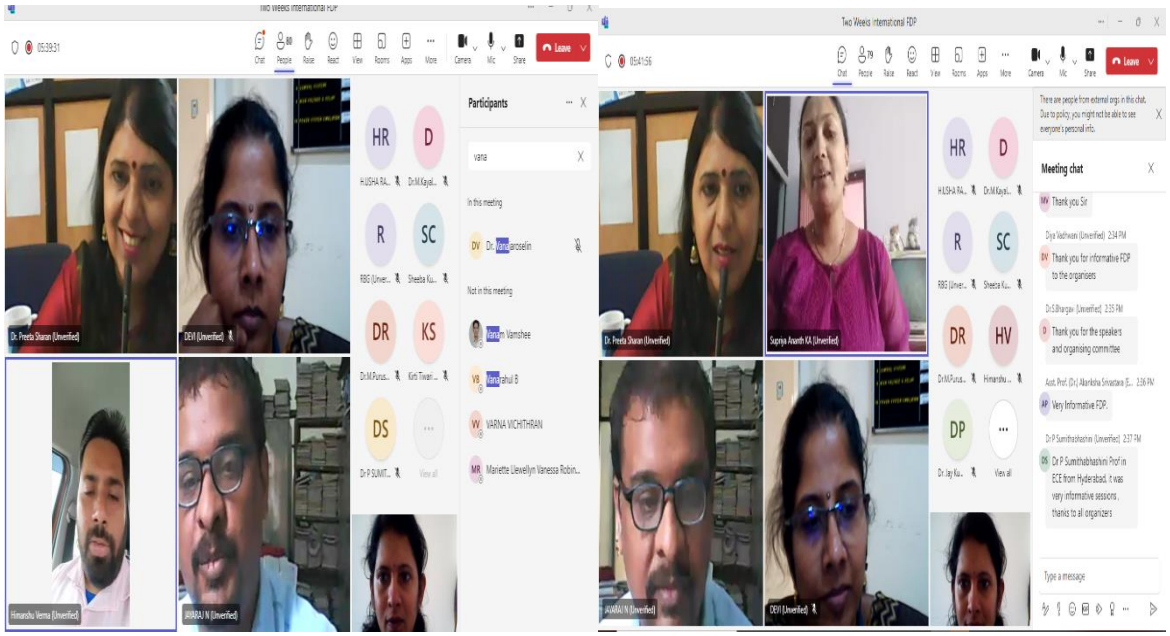
The afternoon session valedictory function started at 2 PM. The chief guest for the valedictory function was Dr. N.Kannan, Principal, The Oxford College of Enginnering, Bangalore. The participants shared their valuable feedback and their experience about the 2 weeks FDP.

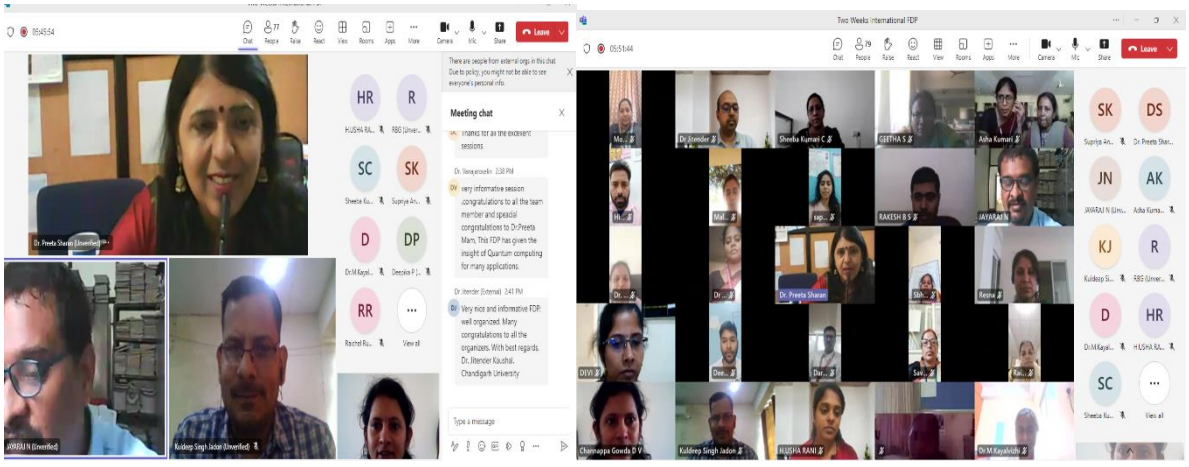


Participants providing their feedback



Dr. N. Kannan, Principal, The Oxford College of Engineering addressing the FDP participants





The 2 weeks FDP ended with a vote of thanks by Prof. Manjula, Asst. Professor, Department of CSE, The Oxford College of Engineering.

Recording Link

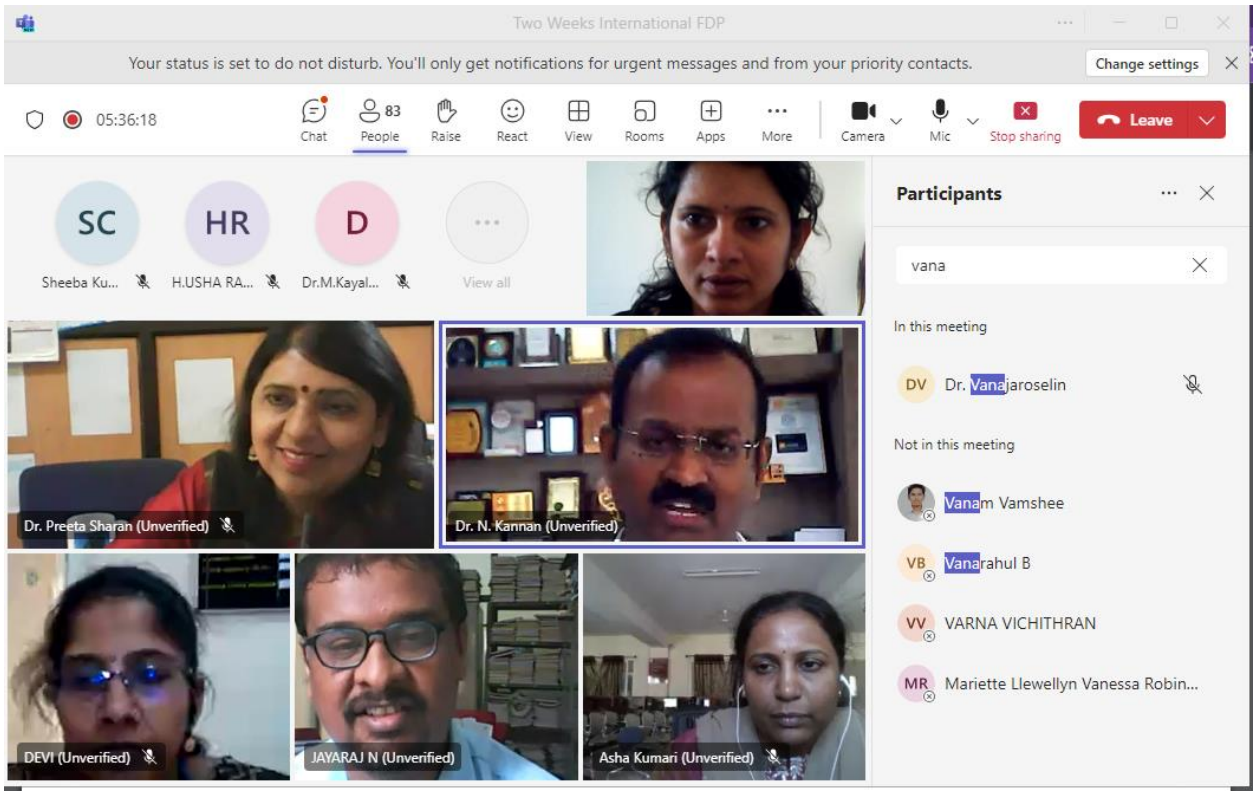
15 days FDP on " Advancement in Quantum Computing & Sensor Technology for Viksit Bharat @2047".@TOCE
Poster: https://youtu.be/IvRyFNSIqNo
15/4/24-FN, SESSION 1: https://youtu.be/Epo9MjeJ2mg
15/4/24-AN, SESSION 2: https://youtu.be/SaiSOI9pEaw
16/4/24-FN, SESSION 1: https://youtu.be/aQaEm-vk41g
16/4/24-AN, SESSION 2:https://youtu.be/f6kLMgJBAxE
17/4/24-FN, SESSION 1:https://youtu.be/ra_s8LBH-K8
17/4/24-AN, SESSION 2:https://youtu.be/GUv5SvsnpRY
18/4/24-FN, SESSION 1:https://youtu.be/vtZ6LfcVbbA
19/4/24-FN, SESSION 1: https://youtu.be/Ngf3UDAIBCc
19/4/24-AN, SESSION 2: https://youtu.be/PdrSBXetaxQ
22/4/24-FN, SESSION 1:https://youtu.be/ofJHZkMkyKg
22/4/24-AN, SESSION 2:https://youtu.be/i5NzhE0XCGg
23/4/24-FN, SESSION 1:https://youtu.be/Bc5YfLyMNTs
23/4/24-AN, SESSION 2:https://youtu.be/fLAzEH4aMho
24/4/24-FN, SESSION 1:https://youtu.be/0MO_g0Uw7Ow
24/4/24-AN, SESSION 2:https://youtu.be/VT37uBwFMMM
25/4/24-FN, SESSION 1:https://youtu.be/hCfTxn0AJfI
25/4/24-AN, SESSION 2:
PART 1: https://youtu.be/ytnD-3vQMEU
PART 2: https://youtu.be/GdSzo0h59cI
27/4/24-FN, SESSION 1:https://youtu.be/p39chZoQcCo
27/4/24-AN, SESSION 2:https://youtu.be/N63eSWvfOsU

Instagram Link

Valedictory Event :

FDP was ended with happy learning and concluded with a Valedictory function on 5.04.2024 at 3.30pm.Faculty Coordinator Mr Jayaraj ,Asst.Professor,Department of ECE,welcomed all the dignitaries and participants to the Valedictory function. And **The chief guest for the valedictory function was Dr. N.Kannan, Principal, The Oxford College of Enginnering, Bangalore. The participants shared their valuable feedback and their experience about the 2 weeks**

FDP.

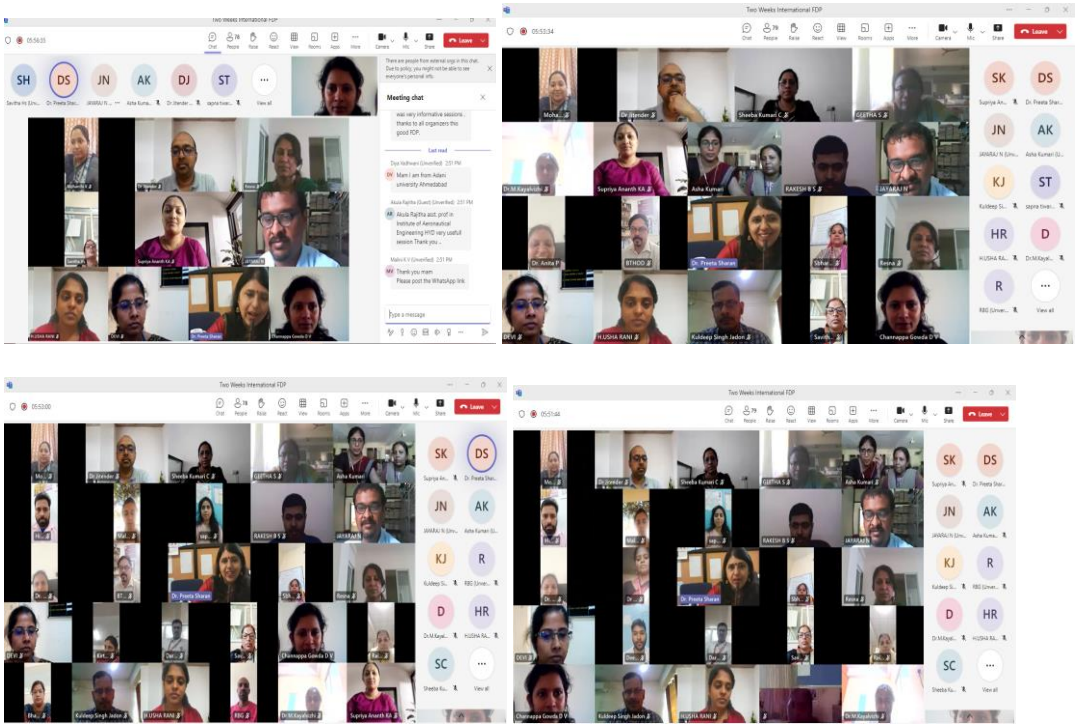


Dr Preeta Sharan ,Dean R & D, Summarised the 2 Week sessions of the FDP shared her views and wished to continue the collaborative learning in the field of Quantum computing and sensor Technology. She has also mentioned about the research opportunities and scopes in the field of Quantum computing and sensor Technology. Ms.Manjula,Asst.Professor,Department of CSE, concluded FDP with a wonderful thank giving note to all the participants , Management , Principal, Deans of TOCE and Organising committee members of this FDP for the smooth conduction of this two week FDP through hybrid mode.

Feedback from the Participants :

Overall feedback from the participants expressed their happiness and great learning

Throughout the sessions, all the participants were well satisfied with the speakers and their delivery of knowledge sharing.



Outcome

All the sessions were very much informative with engaging lectures, interactive sessions, and hands-on sessions. The participants were benefited by advanced and recent knowledge in the field of photonics which will enhance their professional competence. The areas covered are of great benefit to participants as the topics correspond to the current area of work. Participants learned about the cutting-edge technologies most commonly used in the field

P. Sharan

Dean R &D

Principal

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Bengaluru-560 068

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Website:www.theoxford.edu
(Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belgaum)

"INNOVATION AND DESIGN THINKING OPPORTUNITIES THROUGH PROBLEM SOLVING USING PYTHON PROGRAMMING FOR YOUNG ENGINEERS- A HANDS ON SESSION".

The Department of Science and Humanities in association with IIC, The Oxford College of Engineering, Bengaluru, organised three days workshop on PYTHON from 22/4/24 to 24/4/24.

.

The workshop started with Welcome speech by Dr. Pallavi G, department of science and Humanities. Followed by Invocation song and lighting the lamp. Dr. Gangavathi P introduced the resource person to the participants. Then Principal Dr N Kannan welcomed resource person, all the heads of the departments, faculties, student's volunteers and participants. Sir spoke about the importance of python programming for young engineers and requirements of coding in this competitive world. The program ended with vote of thanks by Gowri IIndsem ECE student.

Valedictory function was celebrated on 24/4/24, Kushalya IInd semester ECE students briefed about three days workshop and taken feedback from the few participants and principal sir addressed the participants and resource person shared his opinion. Then resource person distributed the certificates for few participants. The programme ended with National anthem.

About python workshop

The Python programming offers students the ability to perform common and useful mathematical calculations. There are a lot of practical applications for python programming. This workshop provided students coding techniques for problem solving in mathematics

Understanding the problem and desired outcome is a critical first step in solving any problem. Programming languages can help you do this by breaking down the problem in to smaller, more specific sub problems that can be solved with the code. Learn to Code by Solving Problems is a practical introduction to programming using python. It uses coding-competition challenges to teach you the mechanics of coding and how to think like a savvy programmer. Computers are capable of solving almost any problem when given the right instructions.

OBJECTIVES:

The main objectives of through problem solving using python programming is

1 To provide the opportunity for students to enhance their knowledge and skills in problem solving using python programming also benefit the participants to contribute to overall academic and personal development.

2. The ability to innovate and think creatively is crucial for young engineers. Python programming, with its versatility and simplicity, offers a powerful toolset for problem-solving and fostering innovation.

3. Python programming A Catalyst for innovation & can be utilized to cultivate innovation and design thinking among young engineers.

4. Python's flexibility enables young engineers to frame problems in a structured manner, fostering a design thinking approach

5. By integrating design thinking methodologies with Python programming, engineers can ideate, prototype, and iterate solutions while keeping user needs at the forefront

6. Collaborative Innovation Through collaborative coding sessions and code reviews, teams can collectively brainstorm innovative solutions and refine their designs iteratively.

OUT COME:

Students got motivated by **innovation and design thinking opportunities** workshop and were able to build basic programs using fundamental programming constructs like variables, conditional logic, looping and functions.

1. The course outcomes were evident as student's demonstrated proficiency in python by the end of the workshop.

2. They gained practical skills in solving maths problems using python.

The workshop successfully provided a platform for students to broaden their programming knowledge and enhance their skill in maths using python.

3. was able to acquire the knowledge of Mathematics Science and Engineering field through the course

4. Will be able to develop a Competency to Analyse and design solutions for complex problems through the Sessions of the course

5. gained the Skill to use or apply the modern engineering tool /Software /techniques for any Engineering practice through the course.

The Program schedule

THREE DAYS PYTHON WORKSHOP

PROGRAM SCHEDULE

Time / Date/ Day	9 to 11am	11 to 11:15am	11:15 to 1:15pm	1:15 to 2pm	2pm to 4pm
Mon	Inaugral Function	Tea Break	Installation and Introductory session	Lunch Break	Hands-on session
Tue	Theory session		Hands-on session		Hands-on session
Wed	Theory session		Hands-on session		Valedictory Function

NO. OF PARTICIPANTS: 130 members attended the workshop (5 Faculty & 125 students)

VIDEO LINK: https://photos.app.goo.gl/61PLo5QoEGMfivYa9

Website LINK: https://scontent.fblr20-3.fna.fbcdn.net/v/t39.30808-6/440857395_454926497059399_574766612789144265_n.jpg?stp=dst-jpg_p180x540&_nc_cat=101&ccb=1-7&_nc_sid=5f2048&_nc_ohc=fBbqYpO0j0oAb4luGB9&_nc_ht=scontent.fblr20-3.fna&oh=00_AfBHzwE7UDPK7-nPQnwCWqb-FLUdxKd_KyY210bg10m9PQ&oe=66324B13

GPS Map
Bengaluru, Karnataka, India
6/9, 1st Cross, cluster, Begur Rd, adjacent to The Oxford College of Engineering
Oxford Dental College, Hongasandra, Bengaluru, Karnataka 560068, India
Lat 12.901232°
Long 77.631083°
22/04/24 10:22 AM GMT +05:30

GPS Map
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Long 77.631083°
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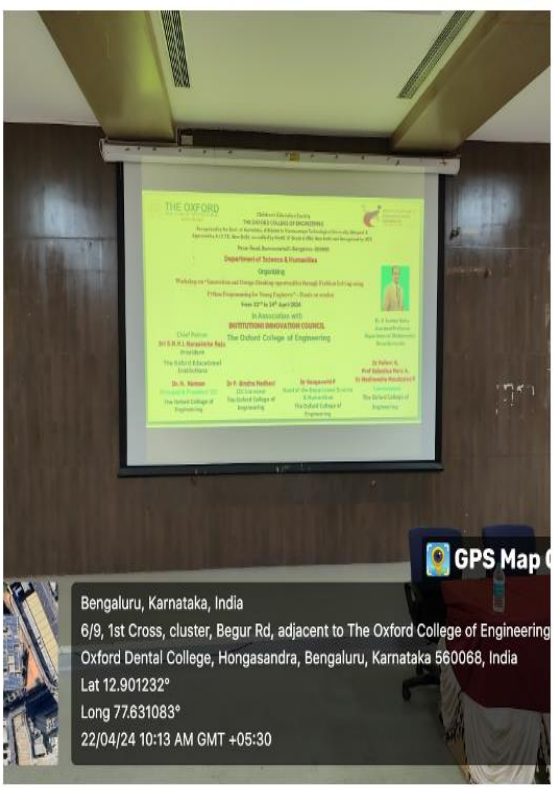
THE OXFORD
Department of Science & Humanities
Organizing
In Association with
INSTITUTIONS INNOVATION COUNCIL
The Oxford College of Engineering
GPS Map
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22/04/24 10:13 AM GMT +05:30

GPS Map Camera
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Long 77.631083°
22/04/24 02:55 PM GMT +05:30
Google

GPS Map Camera
Bengaluru, Karnataka, India
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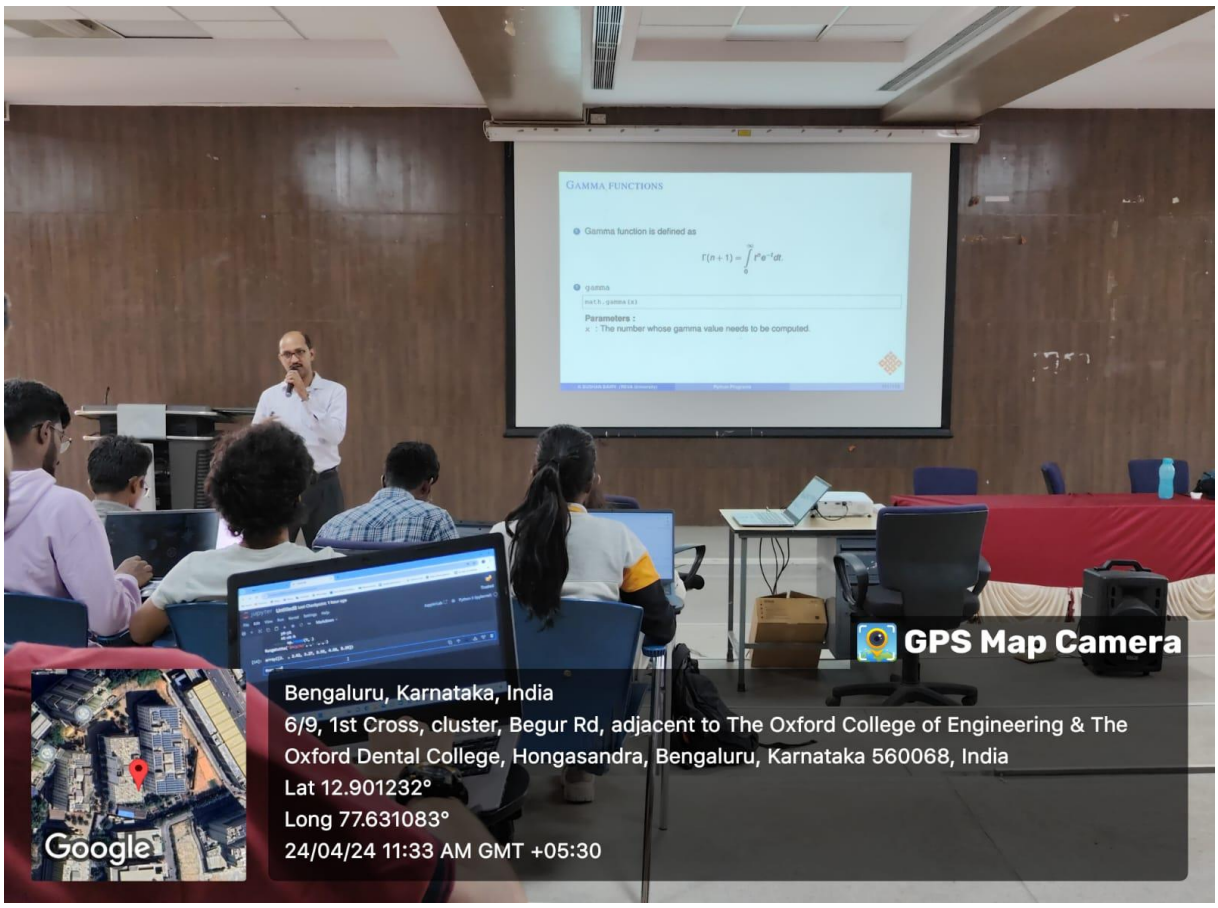
Long 77.630938°
24/04/24 10:00 AM GMT +05:30
Google


GAMMA FUNCTIONS
Gamma function is defined as
$\Gamma(n+1) = \int_0^\infty t^n e^{-t} dt.$
gamma
math.gamma(x)
Parameters :
x : The number whose gamma value needs to be computed.
GPS Map Camera
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6/9, 1st Cross, cluster, Begur Rd, adjacent to The Oxford College of Engineering & The Oxford Dental College, Hongasandra, Bengaluru, Karnataka 560068, India
Lat 12.901232°
Long 77.631083°
24/04/24 11:33 AM GMT +05:30
Google

ATTENDANCE

Sl No	Faculty Name
1	Mrs. Lavanya
2	Mrs. Selestina Mary
3	Mrs. Moumitha
4	Dr. Madhwesh
5	Mrs. Aparna
6	Mr.Chandran
7	Dr. kuppulingam
8	Dr Gayathri
9	Dr Usha jinendra
10	Dr Varun
11	Nisha C Rani
12	Resna S R
13	Nayana
14	Kavya
15	Raichel Ruby

Principal

PRINCIPAL
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Bengaluru-560 068

CHILDREN'SEDUCATIONSOCIETY(Regd.)
THEOXFORDCOLLEGEOFENGINEERING
DEPARTMENT OF ECE
(Recognized by the Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi.
Approved by A.I.C.T.E. New Delhi. Recognized by UGC Under Section 2(f))
Bommanahalli, Hosur Road, Bangalore - 560 068. Ph: 080-61754601/602, Fax: 080 - 25730551
E-mail: engprincipal@theoxford.edu Web: www.theoxfordengg.org

Date: 28-03-2024

CIRCULAR

This is to inform you that the department of ECE & EEE are organizing **Frontiers of Photonic Integrated Circuits and Sensing Technologies from 01.04.2024 to 05.04.2024** *A*ll the faculty members are informed to attend the workshop and make the best use of it.

P. Sharan
Dean R &D

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Website: http://www.theoxfordengg.org

Academic year 2023 -24

Report on

Five Days FDP on*"Frontiers of Photonic Integrated Circuits and Sensing Technologies"*

(1st April to 5thApril 2024)

The Faculty Development Program was conducted on **Frontiers of Photonic Integrated Circuits and Sensing Technologies**from 01.04.2024 to 05.04.2024(5 days) in an effective manner and was very successfully completed with the support and encouragement of our Management, Principal, Deans, Conveners and all the Head Of Departments and Co-ordinators. The FDP was organized by Department of Electronics and Communication Engineering & Electrical & Electronics Engineering Departments in Hybrid mode. The FDP was sponsored by Edu Vitae Services Pvt Ltd.

The main objective of this program is to make the participants aware of the the current trends on electronic devices, photonic circuits and it's applications which includes topics like

- Optoelectronics
- Electronic Devices
- Optical Devices
- Photonic Sensors
- Quantum Computing

so that they can update their knowledge in this area and explore for further research. The objective also included that the knowledge gained and shared would help the faculties to guide students to pursue their career and research works. The FDP was attended by 45faculty members from various colleges.

Brochure of the 5days FDP on "Frontiers of Photonic Integrated Circuits and Sensing Technologies"

Inaugural Program of the Faculty Development Program

The five day FDP on started on 1st April 2024 with the welcome address by Dr Manju Devi ,HOD ECE dept. She also shared his views about the Faculty Development Program and importance of attending such program for the enhancement of knowledge of the faculties and students. She also gave a glimpse of the achievements and activities in TOCE.

The keynote address was given by Dr Preeta Sharan Dean R &D ,The Oxford College of Engineering. She has briefed about the various research opportunities and research areas in photonics. She has highlighted the objectives of the FDP and briefed about the schedule of the program.

Objectives

The faculty development programme provides a proper platform to participate for discussion and presentation of the latest technologies and discoveries in the field of Photonics. This is a quality course providing forum for academicians and industrial professionals to exchange their knowledge and state of art of aforesaid areas. The course content was taught by eminent experts in the field, having adequate teaching and industrial experience. This course will offer a unique opportunity to the researchers, academicians and students working in this area to acquire knowledge in current and relevant topics in Photonics. This FDP provides deeper insight and knowledge to the participants about the recent advances in Photonics field.The main topics explored in the faculty development program areOptoelectronics, Electronic Devices ,Optical Devices Photonic Sensors and Quantum Computing . The FDP was aimed the overall knowledge sharing with informative lectures, interactive sessions and hands on training.

Participants Attended

The FDP was attended by 116 participants from various colleges.

List of Faculties attended

SL No	Email	Full Name	Department	College Name
1.	bsrilatha49@gmail.com	Dr Srilatha B	Electronics & Communication Engineering	The Oxford College of Engineering
2.	nishaeeetoce@gmail.com	Dr Nisha C Rani	Electrical and Electronics Engineering	The Oxford College Of Engineering

3.	tiwari.rajan@gmail.com	Dr Rajinder Tiwari	CSE	B B D University
4.	naveenkb142@gmail.com	Naveen Kumar B	Computer Science and Engineering	Jain (Deemed-to-be University)
5.	mohanthik.ece@sairamce.edu.in	Mohanthi K	ECE	Sri Sairam College of Engineering Bangalore
6.	anitapanwar01@gmail.com	Anita Panwar	Electronics and Communication Engineering	University College of Engineering and Technology, BTU, Bikaner
7.	nayanabs31@gmail.com	Nayana B S	Civil engineering	The Oxford College of Engineering Bangalore
8.	savitha_cs@sirmvit.edu	Dr. Savita Choudhary	CSE	SIR MVIT, Banglore
9.	dineshp.eee@sairamce.edu.in	Dinesh P	ECE	Sri SaiRam college of engineering anekal
10.	shilpa.bm89@gmail.com	Shilpa B M	ECE	Sri krishna Institute of Technology
11.	ebinviji@rediffmail.com	Dr.V.Vijaya Kumari	Electronics and Communication Engineering	The Oxford College of Engineering
12.	ebhanuprakash5@gmail.com	Ellapu BHANU Prakash	Electronics and Communication Engineering	National Institute of Technology, Mizoram
13.	archudha-aiml@dayanandasagar.edu	Dr.Archudha A	AI&ML	Dayanandasagar College of Engineering
14.	rshavinal@gmail.com	Dr.Ramanna Havinal	Electronics and Communication	M I T Mysore
15.	kirankn@bnmit.in	Kiran K N	ECE	BNM Institute of Technology
16.	shwethapr95@gmail.com	SHWETHA P R	AIML	The Oxford college of engineering
17.	soumyabs.ei@drait.edu.in	Soumya B.S	Electronics and Instrumentation Engineering	Dr. Ambedkar Institute of Technology
18.	pooja.dhimanmanshi@gmail.com	Pooja Dhiman	School of Basic and Applied Sciences	Maharaja Agrasen University
19.	nirmala.pari@gmail.com	Nirmala Bai L	Electronics and Instrumentation Engineering	Dr. Ambedkar institute of technology
20.	anand.rjit@gmail.com	Anand Prakash Narayan	Electronics and Communications	Indian Institute of Information Technology, Bhopal
21.	ibrarjahan20@gmail.com	Dr. IBRAR JAHAN M A	ECE	RNSIT
22.	Roopalakshmi.s@vemanait.edu.in	Roopalakshmi S	Computer Science and	Vemana Institute of Technology

			engineering	
23.	rashmiposhik@gmail.com	Dr RASHMI R	Computer science and engineering	Vemana institute of technology
24.	r.jaideep5@gmail.com	Mr.Jaideep R	Mechatronics Engineering	THE OXFORD COLLEGE OF ENGINEERING BANGALORE
25.	seemavnsa@gmail.com	Ms. Seema V	Mechatronics Engineering	THE OXFORD COLLEGE OF ENGINEERING BANGALORE
26.	madhavi@sapthagiri.edu.in	Dr. Madhavi Dasari	Computer Science Engineering	Sapthagiri College of Engineering
27.	poonguzahali.ece@sairamce.edu.in	Dr. A POONGUZHALI	ECE	Sri Sairam College of Engineering, Bangalore
28.	madhumithamay16@gmail.com	Dr Madhura S	Mechatronics	The Oxford College of Engineering, Bengaluru
29.	saleemstevaramani@ksit.edu.in	Saleem S Tevaramani	ECE	KSIT
30.	bhargavi@sjcit.ac.in	Dr.S.Bhargavi	Electronics and Communication	SJC Institute of Technology
31.	ravikumarmpur@gmail.com	Dr. RAVI H	Library and Information Centre	The Oxford College of Engineering
32.	kkv@mcehassan.ac.in	Kavana K V	Electronics and Communication	Malnad college of engineering
33.	bindya.24@gmail.com	C A Bindyashree	Information Science & Engineering	TOCE
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35.	mah@mcehassan.ac.in	Manasa H S	Electronics and communication	Malnad college of engineering.Hassan
36.	annua1591@gmail.com	ANNU KUMARI	MECHATRONICS ENGINEERING	THE OXFORD COLLEGE OF ENGINEERING
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56.	chandankumarshiva@gmail.com	Chandan Kumar Shiva	Electrical and Electronics Engineering	SR University, Warangal
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				Management anagement
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112.	malini238@gmail.com	MALINI V L	Ece	East Point College of Engineering & Technology
113.	ganga.cse@cambridge.edu.in	GANGA D BENAL	COMPUTER SCIENCE AND ENGINEERING	CAMBRIDGE INSTITUTE F TECHNOLOGY

Schedule and the Resource person

The schedule and the Resource people for the Five Days FDP on **Frontiers of Photonic Integrated Circuits and Sensing Technologies** (1st April to 5th April 2024) is given below.

Schedule

5days FDP on"Frontiers of Photonic Integrated Circuits and Sensing Technologies"

(Organized by The Oxford College of Engineering, Bangalore)

1st–5thApril 2024(*In Hybrid Mode*)

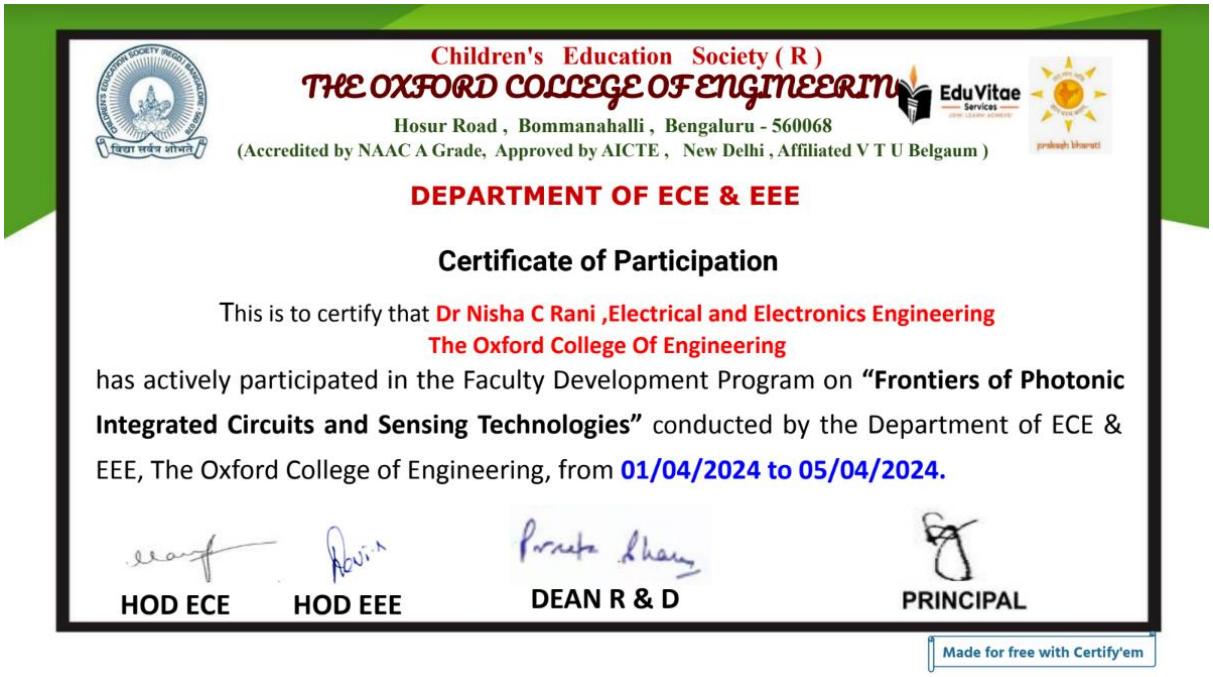
Day-1

Date	10.00amto11.00 am	11.00am-12.00 am	12.30-2.00pm	2.00am-3.00pm
01/04/2024 (Monday)	Registration	Inaugural Address/ DrN Kannan, Principal,TOCE ,Bangalore Keynote Address/ Dr. Preeta Sharan	Lunch	Invited Talk Dr.Bhuvneshwar Suthar, Government Dungar College, Bikaner (Online)

Day-2to5

Date	11.00am-12.00pm	1.00-2.30pm	AN Session
02/04/2024 (Tuesday)	InvitedTalk-1 (Outside-Expert/Online) Prof.SaurabhKumarPandey,IITPatna	Lunch	3.00pm-4.00pm Hands-on/Lab-1 (Outside-Expert/Online) Dr.IbrarJahan MA, Assistant Professor, RNSIT, Bangalore.
03//04/2024 (Wednesday)	InvitedTalk-2 (Outside-Expert/Online) Dr.GauravKumarBharti,IIITBhopal		3.00pm-4.00pm Hands-on/Lab-2 Dr.Anup M Upadhyaya ,TOCE
04/04/2024 (Thursday)	InvitedTalk-3 (Outside-Expert/Online) Dr. P R Yashaswini, Malnad College of Engineering		2.00pm-3.00pm Hands-on/Lab-3 Dr.Anup M Upadhyaya ,TOCE
			3.00pm-4.00pm Hands-on/Lab-4 (Outside-Expert/Online) Dr.GauravKumarBharti,IIITBhopal
05/04/2024 (Friday)	Hands-on/Lab-5 (Outside-Offline) Mr.KamalKishoreChoure,MNIT,Jaipur (Online)		Q&AandValedictorysession

After successful completion of 5 days FDP, the participants have got the participant certificate.



The FDP was conducted in hybrid mode .There were five Invited talks and five hands on sessions in the event. The first day session was an invited talk on Optical Sensor Dr.Bhuvneshwar Suthar, Government Dungar College, Bikaner . He has explained about various optical sensors. The second day of the FDP started with Invited Talk on Optoelectronic Devices by Dr. Saurabh Kumar Pandey, IIT Patna. He has explained about the role of sensors in Biomedical Engineering. He has given overview of biosensors, Li-fi Technology, SoC ,SiP and design process.

Afternoon Hands-on session on "Design of a waveguide using MODE solver Ansys Lumerical tool" was handled by Dr.IbrarJahanmam , Assistant Professor, RNSIT, Bangalore. She has detailed the complete procedure for designing of waveguide using MODE solver Ansys Lumerical tool step by step.

An invited talk on Emerging Trends on Photonics and Quantum Circuits was handled by Dr. Gaurav Kumar Bharti, IIIT Bhopal on the third day(3.04.2024). Photonics and quantum circuits are rapidly evolving fields with numerous emerging trends that have the potential to revolutionize various applications, including communication, computing, sensing, and metrology.He has given a detailed talk on Silicon Photonics.

The afternoon session was conducted in offline mode. DrAnupUpadhyaya ,The Oxford College of Engineering has given the hands on session on Photonics Optical Simulator. Photonics optical simulators are computational tools used to model and analyze the behavior of light in photonic devices and systems. These simulators employ numerical algorithms and computational methods to solve Maxwell's equations, which govern the propagation of electromagnetic waves in optical media.

On the fourth day of the FDP , 3 sessions were conducted. An Invited Talk on Design and Analysis of PhC based Biosensor is given by Dr. P R Yashaswini, Malnad College of Engineering. She has explained about the working of PhC based Biosensor. Also she has detailed about the design of PhC based Biosensor using Ansys Lumerical Software. Afternoon there were two hands on training sessions . The first session was handled by Dr AnupUpadhyaya on Photonics Optical Simulator. The next session was handled by Dr Gaurav Kumar Bharti.

On the fifth day of the FDP, a hands on training session on quantum computing was handled by professor Kamal Kishore Choure sir MNIT, Jaipur. He has explained the key concepts of Quantum Computing.

All the sessions were very much informative with engaging lectures, interactive sessions, and hands-on sessions. 116 participants from all over India attended and benefitted the FDP.

Photo Album

Chief Patron
Dr. S N V L Narasimha Raju
Chairman,
The Oxford Group of Institutions
Patrons
Dr. N Kannan, Principal,
The Oxford College of Engineering
Convenor
Organizing Committee
"Frontiers of Photonic Integrated Circuits and Sensing Technologies"
REGISTRATION DETAILS
Click the Link for Registration
Venue : TOCE
Venue of the FDP:
TOCE, Bangalore
Free Registration
E - Certificate for all the Participants
Faculty/ PG Students / Research Scholars / Industry Persons
The Oxford College of Engineering
Five Days
Faculty Development Programme on
"Frontiers of Photonic Integrated Circuits and Sensing Technologies"
1 st April 2024 - 5 th April 2024
Organized By
Department of ECE & EEE
The Oxford College of Engineering
Sponsored By
EVS EduVitae Services Pvt. Ltd.
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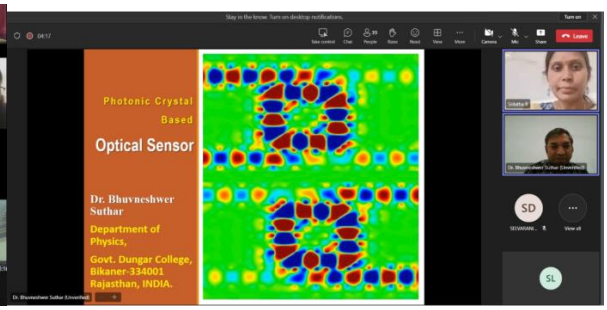
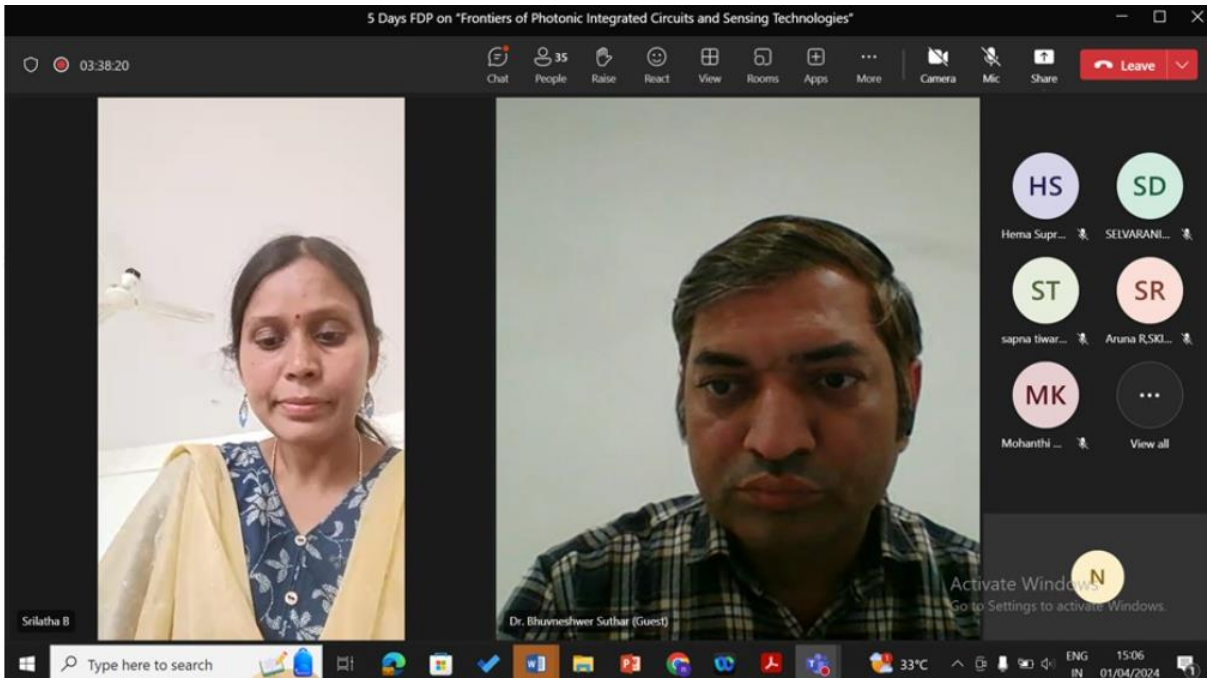
1. 5 Days FDP on "Frontiers of Photonic Integrat...


Photonic Crystal
Based
Optical Sensor
Dr. Bhuvneshwer
Suthar
Department of
Physics,
Govt. Dungar College,
Bikaner-334001
Rajasthan, INDIA.


5 Days FDP on "Frontiers of Photonic Integrated Circuits and Sensing Technologies"
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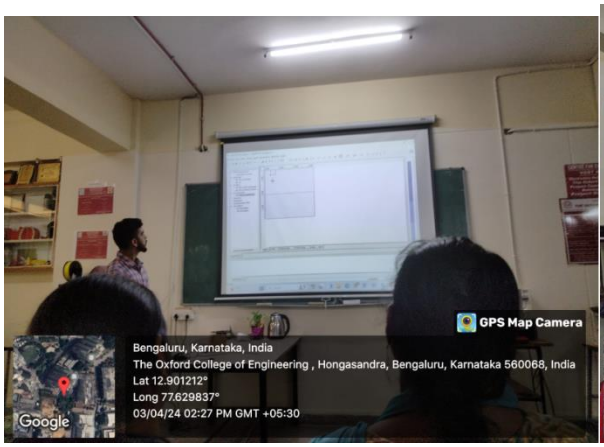
GPS Map Camera
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The Oxford College of Engineering , Hongasandra, Bengaluru, Karnataka 560068, India
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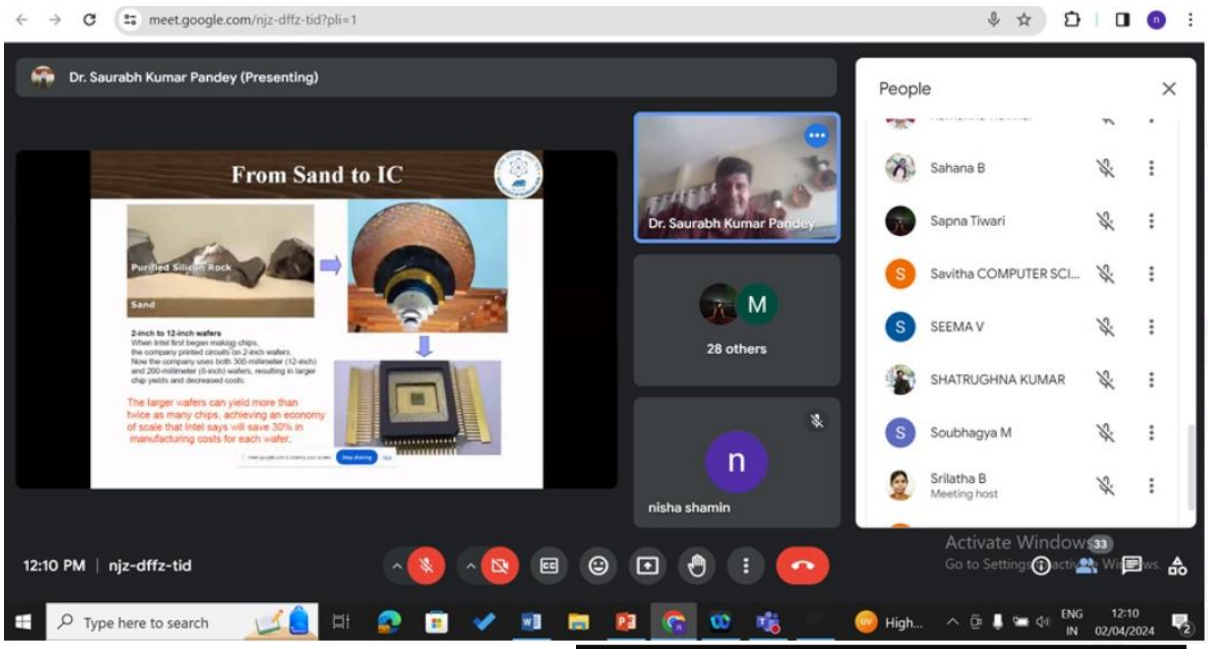
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Dr. Saurabh Kumar Pandey (Presenting)
From Sand to IC
Purified Silicon Rock
Sand
2-inch to 12-inch wafers
When Intel first began making chips, the company printed circuits on 2-inch wafers. Now the company uses both 300-millimeter (12-inch) and 200-millimeter (8-inch) wafers, resulting in larger chip yields and decreased costs.
The larger wafers can yield more than twice as many chips, achieving an economy of scale that Intel says will save 30% in manufacturing costs for each wafer.
Dr. Saurabh Kumar Pandey
28 others
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People
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Sapna Tiwari
Savitha COMPUTER SCI...
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SHATRUGHNA KUMAR
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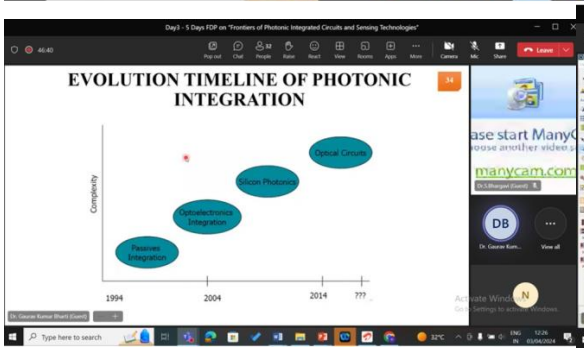
Day3 - 5 Days FDP on "Frontiers of Photonic Integrated Circuits and Sensing Technologies"
EVOLUTION TIMELINE OF PHOTONIC INTEGRATION
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Optical Circuits
Silicon Photonics
Optoelectronics Integration
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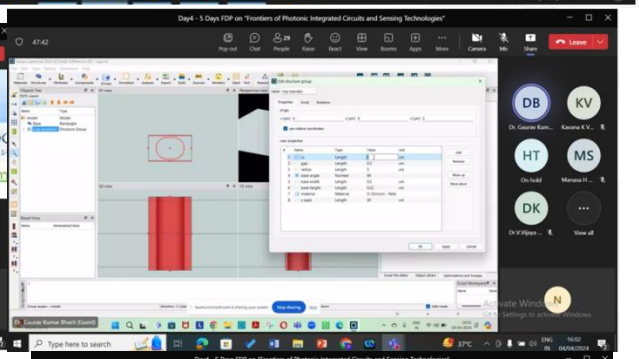
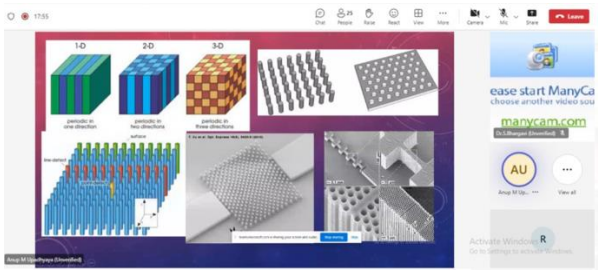

Day4 - 5 Days FDP on "Frontiers of Photonic Integrated Circuits and Sensing Technologies"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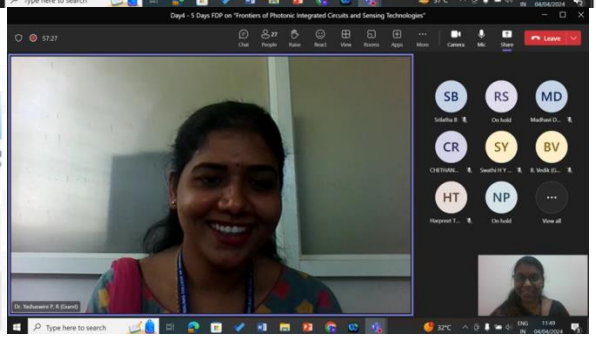
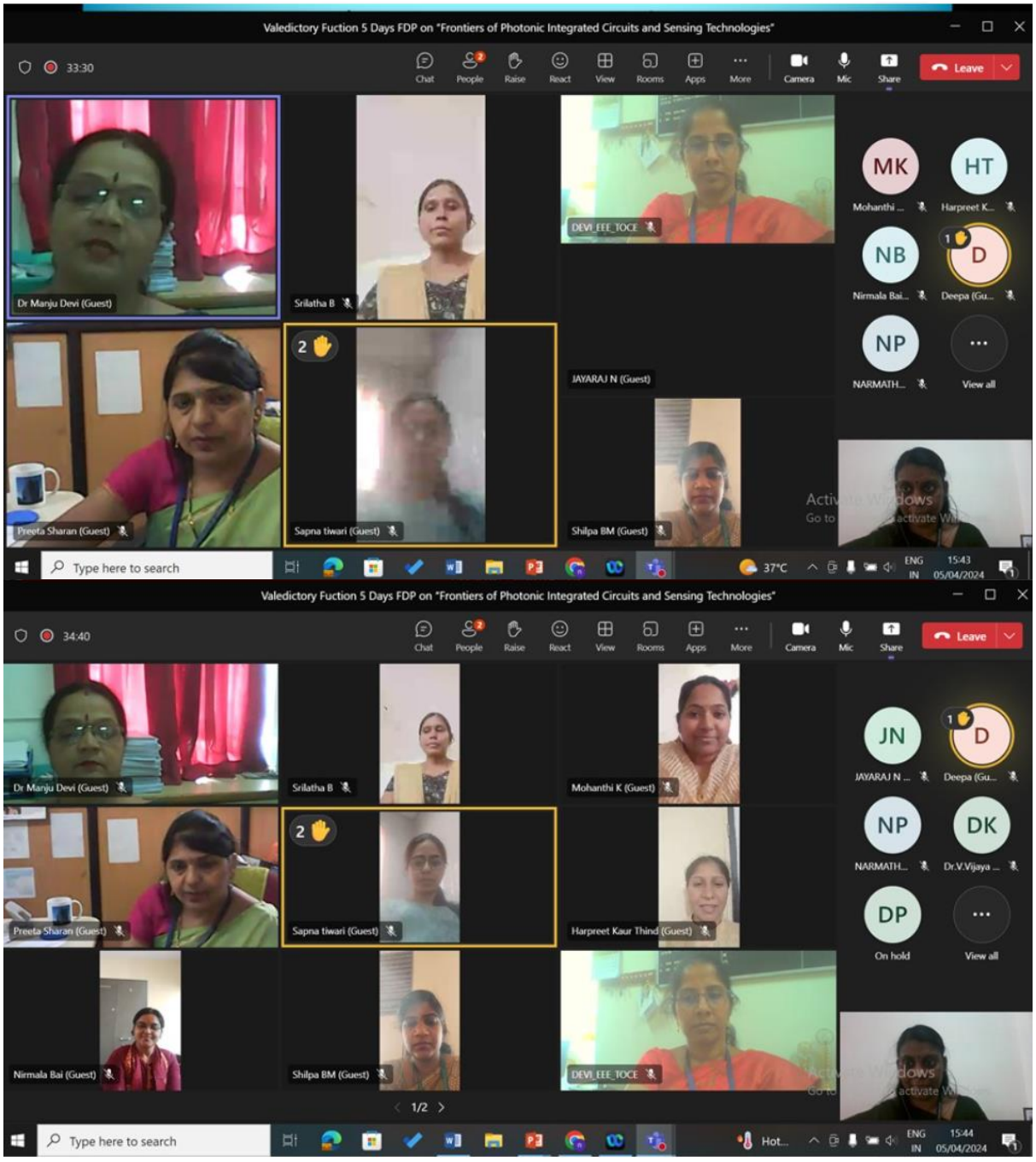

Day4 - 5 Days FDP on "Frontiers of Photonic Integrated Circuits and Sensing Technologies"



Recording Link

https://drive.google.com/drive/folders/1tp-QqlI43XTAcO53sZGKh37y8uzisZMb?usp=sharing

Instagram Link

https://www.instagram.com/p/C5YY3y-L8Oa/?igsh=MTE1dWFlNHpqanU2ZA==

Valedictory Event :

FDP was ended with happy learning and concluded with a Valedictory function on 5.04.2024 at 3.30pm.Faculty Coordinator Dr Nisha C Rani welcomed all the dignitaries and participants to the Valedictory function.

HoD of ECE Dr. Manju Devi Summarised the 5 days sessions of the FDP. Dr Preeta Sharan ,Dean R & D shared her views and wished to continue the collaborative learning in the field of Photonics. She has also mentioned about the research opportunities and scopes in the field of photonics. Dr. B Srilatha concluded FDP with a wonderful thank giving note to all the participants , Management , Principal, Deans of TOCE and Organising committee members of this FDP for the smooth conduction of this two week FDP through hybrid mode.

Feedback from the Participants :

Overall feedback from the participants expressed their happiness and great learning

Throughout the sessions, all the participants were well satisfied with the speakers and their delivery of knowledge sharing.

Outcome

All the sessions were very much informative with engaging lectures, interactive sessions, and hands-on sessions. The participants were benefited by advanced and recent knowledge in the field of photonics which will enhance their professional competence. The areas covered are of great benefit to participants as the topics correspond to the current area of work. Participants learned about the cutting-edge technologies most commonly used in the field

15/4/24 15/4/24 15/4/24 16/04

Faculty Coordinators **HOD/ECE** **HOD/EEE** **Dean R &D** **Principal**

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Approved by A.I.C.T.E. New Delhi. Recognized by UGC Under Section 2(f))
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E-mail: engprincipal@theoxford.edu Web: www.theoxfordengg.org

Date: 06-03-2024

CIRCULAR

This is to inform you that the department of ME is organizing a workshop on **" From Pixels to Plastic: Unleashing Innovation with 3D Printing"** on 07-03-2024. *A*ll the faculty members are informed to attend the workshop and make the best use of it.

HOD

Children's Education Society ®
THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bengaluru-560 068
Website:www.theoxford.edu
(Approved by AICTE, New Delhi, Accredited by NBA, NAAC, New Delhi & Affiliated to VTU, Belgaum)

Workshop on "From Pixels to Plastic: Unleashing Innovation with 3D Printing"

The Oxford College of Engineering, Bengaluru – Institutions Innovation Council in association with Department of Mechanical Engineering organized a workshop on **" From Pixels to Plastic: Unleashing Innovation with 3D Printing"** by Ms. Nitya, Assistant Manager, RP3D Product LLP on 07.03.2024

Objective:

- To understand the basics of 3D printing technology.
- To explore the applications of 3D printing in different industries.

- Highlight the diverse applications of 3D printing in fields such as healthcare, aerospace, automotive, and consumer goods.
- To demonstrate the process from digital design to physical object creation.
- To encourage innovation and creativity among participants.
- To provide hands-on experience with 3D printing equipment and software.

Ms. Nitya began with an overview of 3D printing, elaborating on its evolution and current trends. She provided a detailed explanation of the different 3D printing technologies, such as Fused Deposition Modeling (FDM), Stereo lithography (SLA), and Selective Laser Sintering (SLS). The discussion included insights into the various materials used in 3D printing, ranging from plastics to metals and even biocompatible substances. The next segment of the workshop focused on the myriad applications of 3D printing across various industries. Ms. Nitya showcased case studies and examples, illustrating how 3D printing has revolutionized sectors like healthcare (prosthetics and implants), aerospace (lightweight components), automotive (rapid prototyping), and consumer goods (customized products).

A practical demonstration followed, where Ms. Nitya took the participants through the complete process of creating a 3D printed object. Starting from a digital design created in CAD software, she demonstrated how to prepare the file for printing, set up the 3D printer, and finally produce the physical model. This live demonstration was a highlight of the workshop, providing valuable insights into the intricacies of 3D printing. The participants were then given the opportunity to engage in a hands-on session. They worked in groups, experimenting with 3D design software and printing their own models. This interactive segment allowed attendees to apply the concepts learned and gain practical experience with the technology.

The workshop concluded with a Q&A session, where participants posed questions about specific applications, troubleshooting tips, and advanced 3D printing techniques. Ms. Nitya provided detailed answers, further enhancing the learning experience.

Output:

Enhanced Understanding of 3D Printing Technology:

Participants gained a comprehensive understanding of the fundamentals of 3D printing and its various techniques.

Awareness of Industry Applications:

The workshop highlighted the versatility of 3D printing and its impact on multiple industries, encouraging participants to explore innovative uses.

Practical Skills Development:

Attendees received hands-on training with 3D printing equipment and software, equipping them with practical skills for future projects.

Fostering Innovation:

The event inspired participants to think creatively and consider how they could leverage 3D printing technology in their own work.

Number of Participants: 61

Registration Link: https://forms.gle/MDmF9h7w5iht8d4e6

Event Link:

https://drive.google.com/file/d/1SPmHilzbIyKnQalfzWfX1KESLUejVTmN/view?usp=sharing

Facebook Link:

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WhatsApp Link: https://whatsapp.com/channel/0029Va961RDAzNbxmmR6lY3p

LinkedIn Link:

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YouTube Link: https://youtu.be/Nqv4zs7gEUg

Instagram Link:

https://www.instagram.com/p/C7jYJNtNiQm/?igsh=MW94ZXJ1aGJ2NWl6cw==

Twitter Link:

https://x.com/TheOxfordColle2/status/1729814254998450212?s=20

Koo Link:

https://www.kooapp.com/koo/guest_RB6VS4/7a3e9719-72e8-4261-9877-3bf9f16a7cbb

Resource Person Details:

Name: Nitya

Contact Number: 8310958930

Email ID: nithya@rp3dproducts.com

Attendance:

Sl No	Nameof Faculty
1	Dr Varun
2	Dr Prasad Nayak
3	Mr Jaideep
4	Dr Ravi Prasad
5	Dr Vidyadhar
6	Mr Anup Upadhyay
7	Mrs Seema V
8	Mrs AnnuKumari
9	Mrs. Nisha C Rani
10	Mrs Sumitha T L
11	Mrs Kavya
12	Dr Laya Tojo
13	Mrs Iffat Fathima
14	Mrs Resna S R
15	Mrs Gayathri

Feedback

Timestamp	Full Name	Department	Institution	Mobile Number	Place	Was the session useful?	Did the workshop met your expectation ?	Did you have any issues in understanding ?	How was the workshop organized ?	Are you interested in future workshop conducted by ME Department TOCE	Suggestion (If any)
2024/03/07	Kiran Kum	Mechanica	The Oxfor	8.05E+09	Bangalore	Yes	Yes	No	Excellent	Yes	Session was very useful and interesting
2024/03/07	Laljith.T	ME	Oxford en	9.06E+09	Bangaloor	Yes	Yes	No	Excellent	Yes	Nothing
2024/03/07	AJITH KUM	MECHANIC	THE OXFO	9.15E+09	BANGALOI	Yes	Yes	No	Good	Yes	Good
2024/03/07	Srikanth A	Mechanica	The Oxfor	6.31E+09	Was good	Yes	Yes	Yes	Excellent	Yes	Good
2024/03/07	Nagaraj.c	ME	The Oxfor	9.48E+09	Banglore	Yes	Yes	No	Very Good	Yes	session useful
2024/03/07	Tharun Sai	Mechanica	Engineerin	8.95E+09	Bangalore	Yes	Yes	No	Good	Yes	No
2024/03/07	Deenadha	Departme	The Oxfor	8.43E+09	Banglore	Yes	Yes	No	Very Good	Yes	Hands on session could be more effective
2024/03/07	Krishna ku	Mechanica	The Oxfor	8.31E+09	Bommana	Yes	Yes	No	Good	Yes	Superb
2024/03/07	Prithvi reji	Mechanica	The Oxfor	8.97E+09	Begur	Yes	Yes	No	Excellent	Yes	Nil
2024/03/07	Sanat	Mechanica	The Oxfor	7.54E+09	Bangalore	Yes	Yes	No	Excellent	Yes	No
2024/03/07	Aswanth	Me	The Oxfor	9.81E+09	Bangalore	Yes	Yes	No	Excellent	Yes	No
2024/03/07	Keshavan	Mechanica	The Oxfor	9.9E+09	Ejipura	Yes	Yes	No	Good	Yes	No
2024/03/07	Yasir	Mechanica	The Oxfor	9.88E+09	Bangalore	Yes	Yes	No	Very Good	Yes	No
2024/03/07	Vishwas	Mechanica	The Oxfor	9.74E+09	Bangalore	Yes	Yes	No	Excellent	Yes	No
2024/03/07	Manjunath	Mechanica	The Oxfor	9.87E+09	Bangalore	Yes	Yes	No	Good	Yes	No
2024/03/07	Vishnu	Mechanica	The Oxfor	9.79E+09	Bangalore	Yes	Yes	No	Good	Yes	No
2024/03/07	Nikhil tp	Mechanica	The Oxfor	9.75E+09	Banglore	Yes	Yes	No	Good	Yes	No
2024/03/07	Harsha	Mechanica	The Oxfor	9.67E+09	Bangalore	Yes	Yes	No	Good	Yes	No

31/05/24

IIC Member **HOD** **IIC Convenor** **IIC President**

Prof. & Head
Department of Mechanical Engineering
The Oxford College of Engineering
Bommanahalli, Bangalore 560 068

CHILDREN'SEDUCATIONSOCIETY(Regd.)
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(Recognized by the Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi.
Approved by A.I.C.T.E. New Delhi. Recognized by UGC Under Section 2(f))
Bommanahalli, Hosur Road, Bangalore - 560 068. Ph: 080-61754601/602, Fax: 080 - 25730551
E-mail: engprincipal@theoxford.edu Web: www.theoxfordengg.org

Date: 13-02-2024

CIRCULAR

This is to inform you that the department of EEE is organizing a workshop on " **"Design Thinking and Critical Thinking Concepts in VLSI Technology" on 15 02-2024.** *A*ll the faculty members are informed to attend the workshop and make the best use of it.

HOD/EEE

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THE OXFORD COLLEGE OF ENGINEERING

10TH Milestone, Hosur Rd, Bommanahalli, Bengaluru, Karnataka 560068
(Approved by AICTE New Delhi, Accredited by NBA, New Delhi, Affiliated to VTU

INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative)

Workshop on
"Design Thinking and Critical Thinking Concepts in VLSI Technology"

The Oxford College of Engineering, Bengaluru – Institutions Innovation Council in association with Department of Electrical and Electronics Engineering organized a workshop titled "***Design Thinking and Critical Thinking Concepts in VLSI Technology***" by Mr. Prasad Rallabandi on 15 02-2024 from 11:00 AM - 01:00 PM in offline mode.

Venue: 5th floor Room No N 513, New Building TOCE.

OBJECTIVES:

This workshop aims at fostering creativity, programming and skill development in the field of VLSI technology.

- To provide students with a solid introductory knowledge of VLSI design principles and their practical application.
- To learn about CMOS inverter characteristics, logic design, transistor-level schematics, and layouts.
- To encourage the students to learn about integrated circuit (IC) design, chip manufacturing, and the intricacies of Very-Large-Scale-Integration.

- To stimulate interest and develop aptitude in VLSI design.
- To make the students explore about gate delays, logical effort, and trade-offs between delay and power consumption for logic gates.
- To make the students aware about the use of open-source simulation platforms like PSPICE or LT-SPICE to carry out practical simulations.
- To make the students understand the advances in artificial intelligence (AI), electric vehicles (EVs), and smartphone technologies and the role of VLSI technology in these cutting-edge fields.

The workshop on "Design Thinking and Critical Thinking Concepts in VLSI Technology" was organized to equip the participants with a profound understanding of how design and critical thinking principles can be applied in the field of VLSI technology. It is aimed to provide a platform to the students to learn about the latest advancements in VLSI technology and implementation of digital circuits and to enhance their knowledge of VLSI circuits and learn from industry experts. Very-large-scale integration (VLSI) is the process of creating an integrated circuit (IC) by combining hundreds of thousands of transistors or devices into a single chip. VLSI began in the 1970s when complex semiconductor and communication technologies were being developed. The microprocessor is a VLSI device. Before the introduction of VLSI technology most ICs had a limited set of functions they could perform. An electronic circuit might consist of a CPU, ROM, RAM and other glue logic. VLSI lets IC designers add all of these into one chip. The future scope of VLSI engineers is very high as the world is full of electronics devices that consist of microcontrollers, microprocessors, etc. To design these chips or integrated circuits the VLSI engineers are required. Over the years there has been an increased demand for skilled VLSI engineers at IC design companies. This is due to the tremendous advances in AI, EV, and smartphone technologies, all of which rely on smart ICs. Chip design and manufacturing are collectively called VLSI design where VLSI stands for Very-Large-Scale-Integration. The workshop is a great opportunity for the students to gain hands-on experience with VLSI circuits and learn from industry experts. The resource person has highlighted on the basics of VLSI technology and its application in various fields like artificial intelligence, smartphone technologies, electric vehicles.

It was an interactive session. The workshop was attended by 58 participants including 12 faculties.

GPS Map Camera
Bengaluru, Karnataka, India
6/9, 1st Cross, cluster, Begur Rd, adjacent to The Oxford College of Engineering & The Oxford Dental College, Hongasandra, Bengaluru, Karnataka 560068, India
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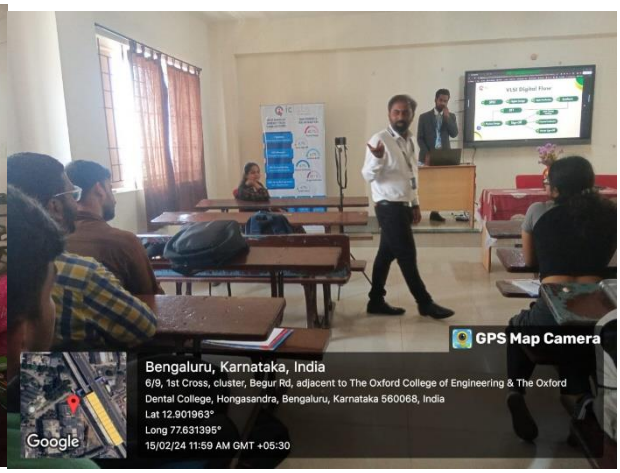
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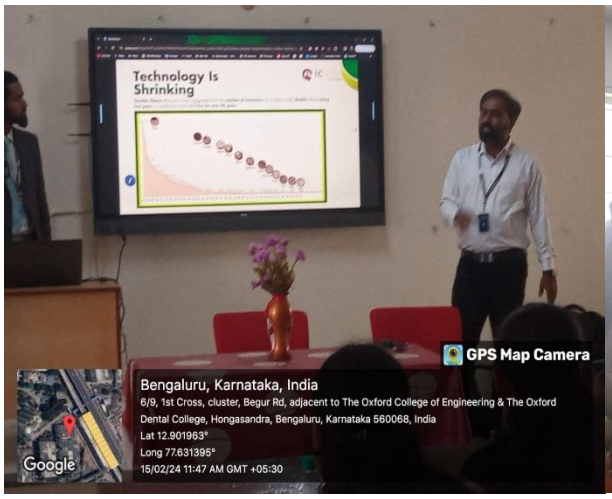
Technology Is Shrinking
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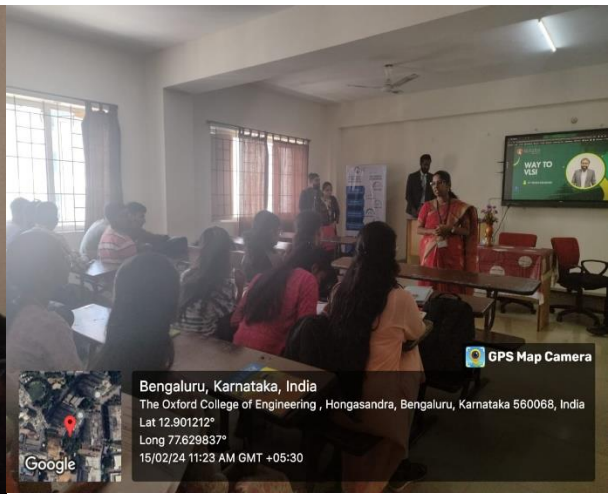
GPS Map Camera
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The Oxford College of Engineering , Hongasandra, Bengaluru, Karnataka 560068, India
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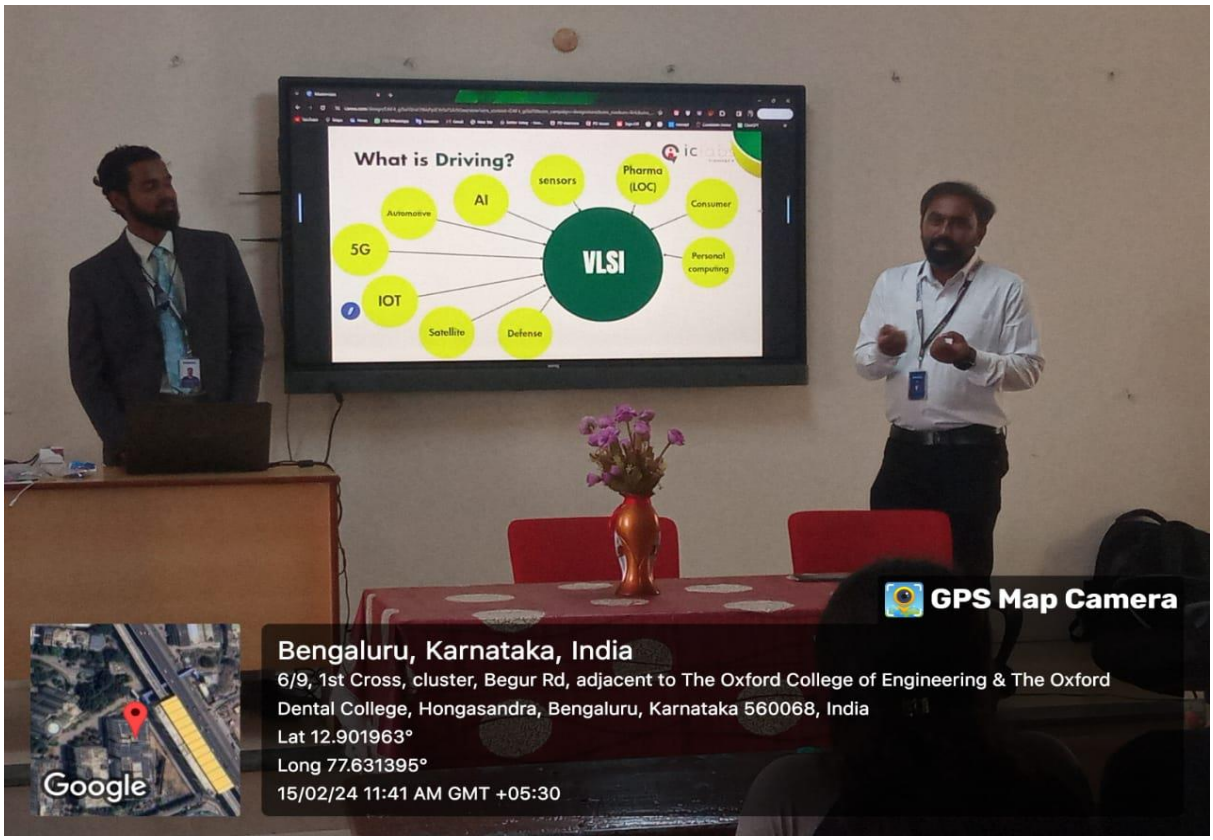
What is Driving?
VLSI
AI
sensors
Pharma (LOC)
Consumer
Personal computing
Defense
Satellite
IOT
5G
Automotive
GPS Map Camera
Bengaluru, Karnataka, India
6/9, 1st Cross, cluster, Begur Rd, adjacent to The Oxford College of Engineering & The Oxford Dental College, Hongasandra, Bengaluru, Karnataka 560068, India
Lat 12.901963°
Long 77.631395°
15/02/24 11:41 AM GMT +05:30
Google

Resource Person Details:

Mr. Prasad Rallabandi

CEO & Co- Founder

Thinsil Technologies

Bangalore.

Mr. Prasad Rallabandi has completed B.Tech in Electronics and Communication from Jawaharlal Nehru Technological University. He worked as Senior Engineer in Tata Elxsi for 3 years 2 months. He worked as the Lead Engineer in Sasken. His work experience includes Senior Design Methodology Engineer in PMC-Sierra. He also worked as a Project Manager in UST Global.

He is the Co-Founder and CEO of Thinsil Technologies with 20+ years of industry experience in ASIC development. He has worked on all aspects of the ASIC backend flow from Synthesis to GDSII. He worked with international customers such as Intel, AMD, Samsung, Microchip, Emm and Siliconch systems. He is currently building THINSIL in a fast pace to provide strategic solutions to the esteemed clients ranging from product engineering services, IoT and AI. He is also the chief trainer in IC Labs.

Recording link:

https://www.youtube.com/watch?v=720IimnNNrY

Facebooklink:

https://www.facebook.com/100039568447011/posts/pfbid02r9UXqowWwExFpP3mbBZtVDyJnrZRPwCoj7obKnzpphX52Rj4CMLSTPyaofMwgwsSl/?app=fbl

InstagramLink:

https://www.instagram.com/p/C3XkQ7Drcec/?igsh=MWVtejVnajI3Zmg1bA==

Koo app link:

https://www.kooapp.com/koo/guest_RB6VS4/1cdfc88b-a586-4b1d-8d46-249311415f25

LinkedinLink:

https://www.linkedin.com/feed/update/urn:li:activity:7166376428891037696?utm_source=share&utm_medium=member_desktop

Twitter Link:

https://x.com/TheOxfordColle2/status/1761286691070079150?s=20

Outcomes of the Workshop:

The workshop “Design Thinking and Critical Thinking Concepts in VLSI Technology” aim to empower participants with a holistic skill set, combining technical knowledge with a creative and innovative mind-set, positioning them well for success in the field of VLSI. Students got an exposure to innovation and Design ideas through the programming session.

- Students are able to understand the fundamental principles of VLSI circuit design in digital and analog domain.

- Students are made aware about the use of open-source simulation platforms like PSPICE or LT-SPICE to carry out practical simulations.

- Students are made aware about the opportunities of VLSI domain in the field of artificial intelligence, smartphone technologies, electric vehicles.

- The workshop not only provided a platform for learning but also fostered a sense of community among participants, paving the way for future collaborations and advancements in VLSI design.

Faculty Coordinator HOD/EEE IIC Convenor PRINCIPAL & President IIC

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PRINCIPAL
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

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E-mail: engprincipal@theoxford.edu Web: www.theoxfordengg.org

Attendance

Sl No	Name	Department
1	Dr Devi Vighneshwari	EEE
2	Mrs Nisha C Rani	EEE
3	Mr ayakumar N	EEE
4	Mrs Raichel Ruby	EEE
5	Mrs Sumitha T L	EEE
6	Mrs Resna S R	EEE
7	Mrs Iffat Fathima	ECE
8	Dr Laya Tojo	ECE
9	Mr Jayaraj	ECE
10	Mrs Sheeba Kumari	ECE
11	Mrs Suchandana	ECE
12	Mrs. Seema V	MT
13	Mr Jaideep	MT
14	Mrs Tina	ECE
15	Mrs Annukumari	MT

HOD/EEE

Professor & Head EEE
The Oxford College of Engg
Bommanahalli, Hosur Road
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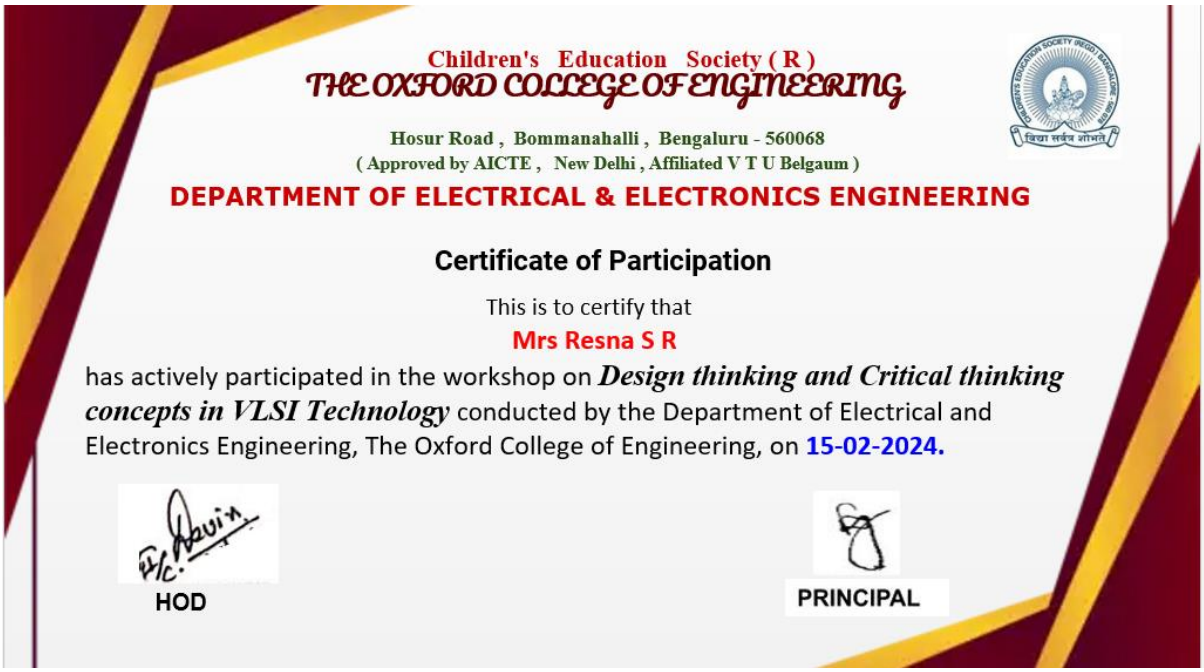
E-mail: engprincipal@theoxford.edu Web: www.theoxfordengg.org



Children's Education Society (R)
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Hosur Road , Bommanahalli , Bengaluru - 560068
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Certificate of Participation

This is to certify that
Mrs Resna S R
has actively participated in the workshop on ***Design thinking and Critical thinking concepts in VLSI Technology*** conducted by the Department of Electrical and Electronics Engineering, The Oxford College of Engineering, on **15-02-2024.**

HOD

PRINCIPAL

HOD/EEE

Professor & Head EEE
The Oxford College of Engg
Bommanahalli, Hosur Road
Bangalore-560 068

CHILDREN'SEDUCATIONSOCIETY(Regd.)
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E-mail: engprincipal@theoxford.edu Web: www.theoxfordengg.org

Date: 18-12-2023

CIRCULAR

This is to inform you that the departments of CSE is organizing a workshop on **Entrepreneurship opportunities through Wire Shark and Network Simulator -2** on 20-12-2023. *A*ll the faculty members are informed to attend the workshop and make the best use of it.

HOD

Head of The Department
Department of Computer Science and Engineering
The Oxford College of Engineering
BENGALURU-560068

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Hosur Road, Bommanahalli, Bengaluru-560 068
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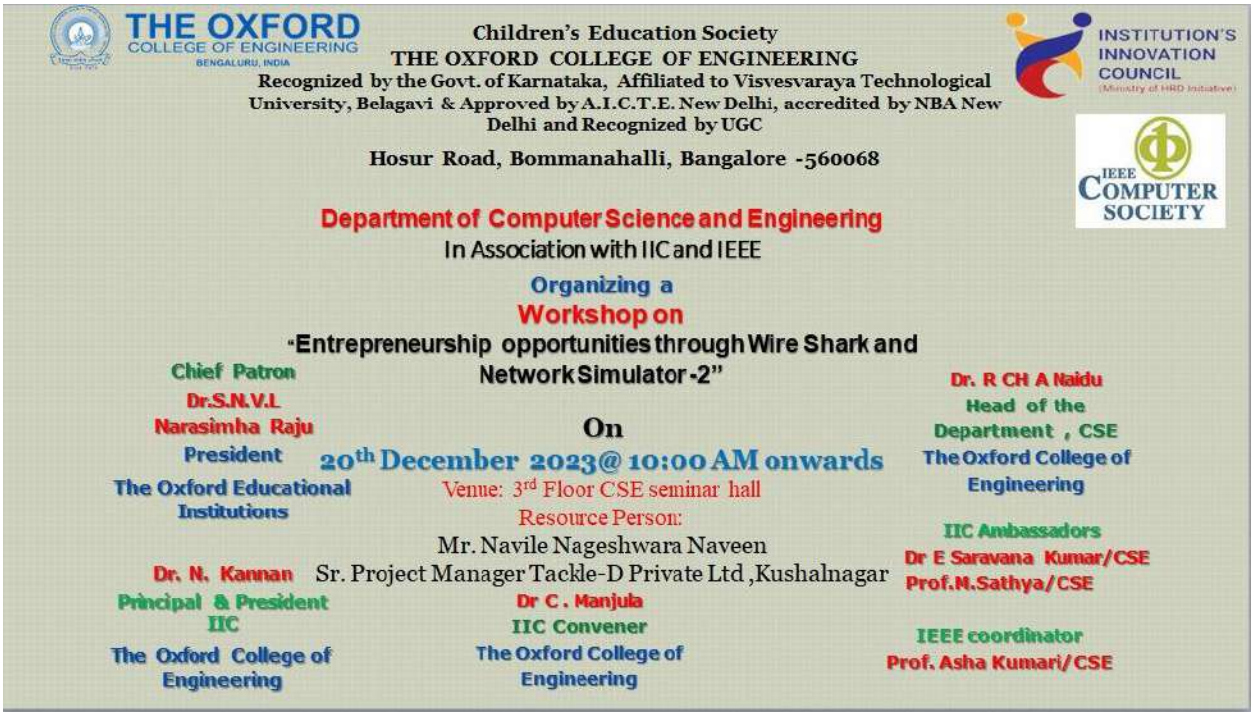
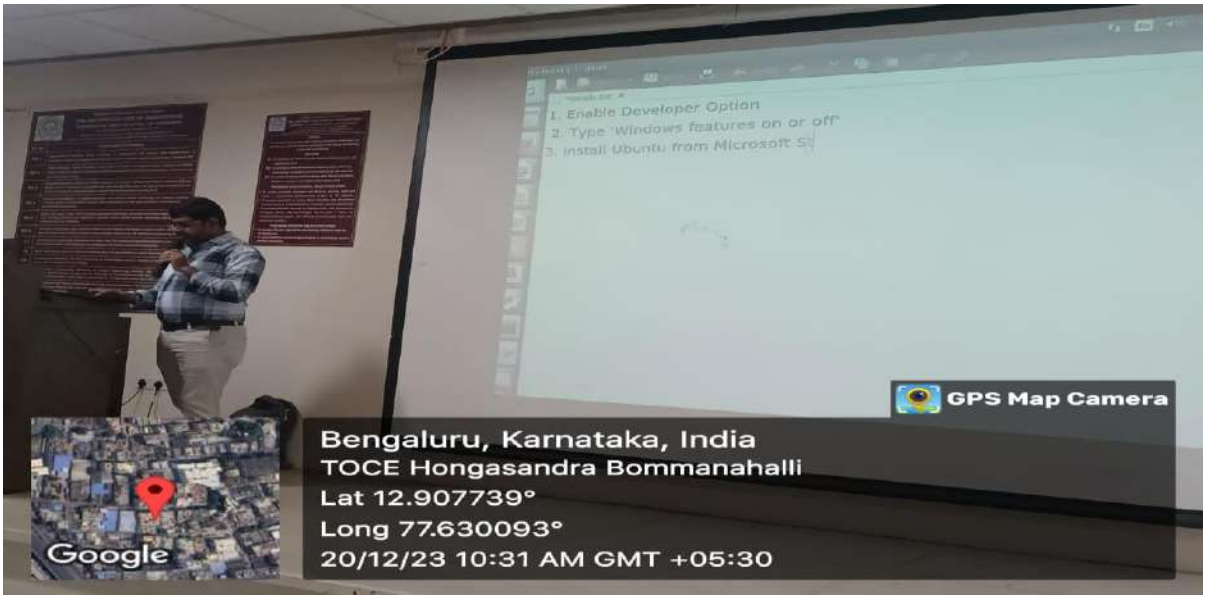
Workshop on "Entrepreneurship opportunities through Wire Shark and Network Simulator -2"




1. Enable Developer Option
2. Type 'Windows features on or off'
3. Install Ubuntu from Microsoft S
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TOCE Hongasandra Bommanahalli
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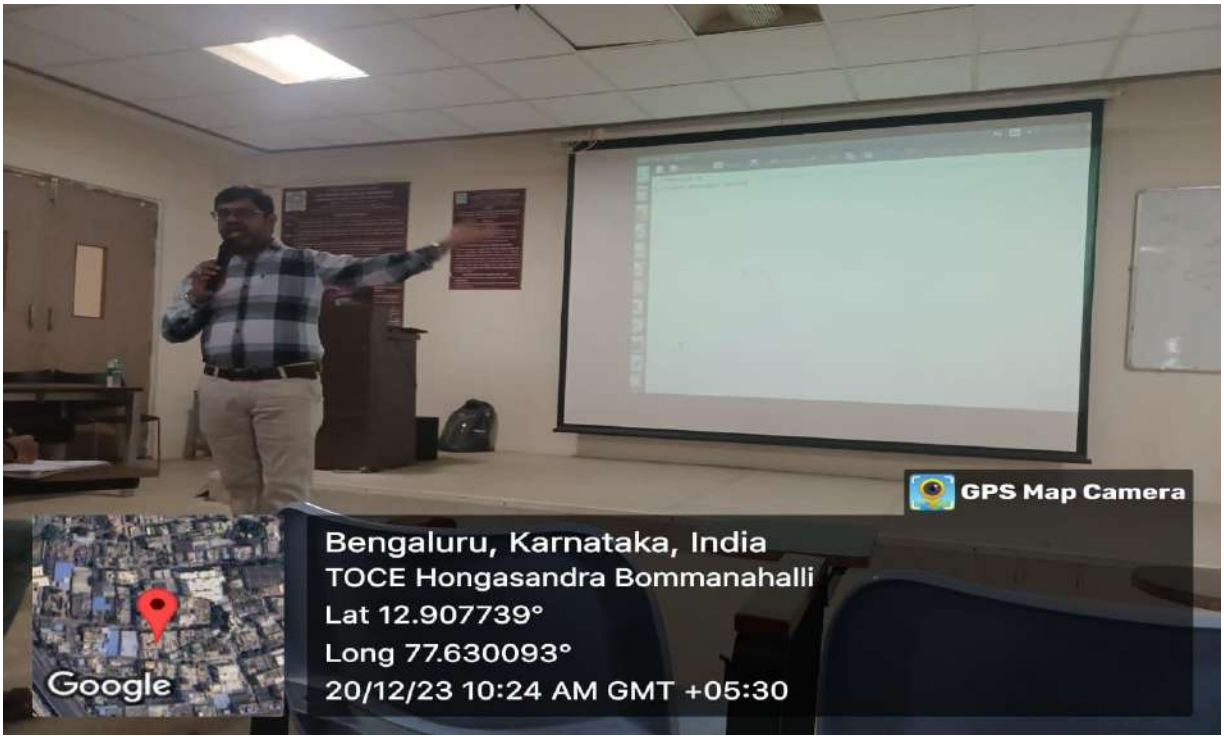
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The Oxford college of Engineering, Bangalore- Institution Innovation Council in association with Department of Computer Science and Engineering and IEEE organized **Workshop on "Entrepreneurship opportunities through Wire Shark and Network Simulator -2"**

on 20th December 2023 from 9:30 AM onwards in TOCE,Bengaluru.

Mr.Naville nageshwara ,working as a Senior manager, Tackle D Private Ltd, Kushal Nagar,Bangalore gave the expert talk. His major roles are

- Identify, assess, and appropriately mitigate risk to project delivery.
- Delivery of all projects within the prescribed governance structure.
- Building, tracking, maintaining, and reporting of project budgets and forecasts.

OBJECTIVE:

- The objectives of workshop on **"Entrepreneurship opportunities through Wire Shark and Network Simulator -2"** are Equip participants with practical skills in using Wireshark and Network Simulator -2, enhancing their ability to analyze and troubleshoot network issues.The other objectives include:
- Understanding Entrepreneurial Opportunities: Explore and highlight the various entrepreneurial opportunities that arise from expertise in network analysis tools like Wire shark and Network Simulator -2.
- Networking Knowledge: Enhance participants' understanding of networking concepts, protocols, and technologies, providing a solid foundation for entrepreneurial ventures in the networking field.
- Problem Solving: Foster problem-solving skills by teaching participants how to identify and resolve network-related challenges using Wire shark and Network Simulator -2.
- Application in Business: Demonstrate practical applications of Wire shark and Network Simulator -2 in real-world business scenarios, showcasing how these tools can be leveraged for entrepreneurial ventures.
- Entrepreneurial Mind set: Cultivate an entrepreneurial mind set among participants by encouraging creativity, innovation, and the identification of business opportunities within the networking domain.
- Business Development: Provide insights into how the skills acquired in network analysis can be translated into entrepreneurial ventures, such as starting a network consulting business, offering cyber security services, or developing network monitoring solutions.
- Market Trends: Update participants on current market trends and demand for network-related services, helping them make informed decisions about potential entrepreneurial endeavours.
- Industry Experts and Networking: Facilitate interactions with industry experts who can share their experiences in entrepreneurship within the networking field, creating networking opportunities for participants.

- Hands-on Experience: Offer hands-on sessions where participants can apply their knowledge through practical exercises using Wire shark and Network Simulator -2, reinforcing their learning and boosting their confidence.

  Around 100 students from various departments and 15 faculty members attended the program.

OUTCOMES:

The outcomes of workshop**"Entrepreneurship opportunities through Wire Shark and Network Simulator -2"** can be diverse, impacting participants in various ways.

Here are some potential outcomes:

Enhanced Technical Proficiency:

Participants gain advanced proficiency in using Wireshark and Network Simulator -2, acquiring hands-on experience in network analysis and simulation.

Entrepreneurial Knowledge:

Increased understanding of entrepreneurial opportunities within the networking domain, with a focus on how Wireshark and Network Simulator -2 skills can be applied in real-world business scenarios.

Practical Application Skills:

Participants develop practical skills in applying network analysis tools to solve complex problems, troubleshoot issues, and optimize network performance.

Business Idea Generation:

Empowered with knowledge and skills, participants generate innovative business ideas related to network consulting, cybersecurity services, network monitoring solutions, or other entrepreneurial ventures.

Networking and Collaboration:

Opportunities for networking and collaboration are fostered among participants, potentially leading to partnerships or collaborative projects in the future.

Entrepreneurial Mindset Cultivation:

Cultivation of an entrepreneurial mindset, encouraging participants to think creatively, identify business opportunities, and approach challenges with a problem-solving mindset.

Market Awareness:

Participants gain insights into current market trends, demands, and opportunities within the networking industry, enabling them to make informed decisions about potential business ventures.

Confidence Building:

Hands-on exercises and practical sessions contribute to participants' confidence in applying their skills, both technically and in entrepreneurial contexts.

Business Planning and Strategy:

Participants develop business plans that incorporate their skills in Wireshark and Network Simulator -2, addressing key elements such as market analysis, target audience identification, and revenue generation strategies.

Legal and Ethical Understanding:

Increased awareness of legal and ethical considerations related to providing network-related services, ensuring that participants understand and adhere to industry standards.

Video Link:

https://drive.google.com/file/d/1q5AC1jUd35q_PIlRRCZhfgnxVn3ivmvn/view?usp=sharing

Youtube Link:

https://www.youtube.com/watch?v=L6hn8x27lxE

Social Media (Facebook)Link:

https://www.facebook.com/photo/?fbid=373341155217934&set=a.177418398143545

Linked In :

https://www.linkedin.com/AgFuu9zGJlLpGQAAAYyQYyEriqTpiykyJytxb-10y5XKIwYnrsqKydsIxhIuTpwof3lNhIaMxo0Y9vdWov1VNxOx7swOZw?ut=1aCAsHhWRl9X41

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E-mail: engprincipal@theoxford.edu Web: www.theoxfordengg.org

Attendance

Sl No	Faculty Name
1	Mrs. Asha Kumari
2	Mrs. Indhu K S
3	Mrs. Vishalini
4	Mr Karthik
5	Mr yadhu Krishnan
6	Mr.Channappa Gowda
7	Mrs Preeja
8	Mrs Jesy Janet
9	Mrs Thendral
10	Mrs Vinodha
11	Mrs Vidhya
12	Resna S R
13	Nisha C Rani
14	Sumitha T L
15	Raichel Ruby

HOD

Head of The Department
Department of Computer Science and Engineering
The Oxford College of Engineering
BENGALURU-560068

Instagram Link:

https://www.instagram.com/p/C0qnid7rGM5/?igshid=ZjI0YTZmZTMwMg==

Twitter Link:

https://x.com/TheOxfordColle2/status/1734540013369532637?s=20

FACULTY CO-ORDINATORS **HOD** **IIC-CONVENOR** **PRINCIPAL**

HEAD OF THE DEPARTMENT
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BENGALURU - 560 063

PRINCIPAL
The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

CHILDREN'SEDUCATIONSOCIETY(Regd.)
THEOXFORDCOLLEGEOFENGINEERING
DEPARTMENT OF CSE
(Recognized by the Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi.
Approved by A.I.C.T.E. New Delhi. Recognized by UGC Under Section 2(f))
Bommanahalli, Hosur Road, Bangalore - 560 068. Ph: 080-61754601/602, Fax: 080 - 25730551
E-mail: engprincipal@theoxford.edu Web: www.theoxfordengg.org

Children's Education Society (R)

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road , Bommanahalli , Bengaluru - 560068

(Approved by AICTE , New Delhi , Affiliated V T U Belgaum)

DEPARTMENT OF COMPUTER SCIENCE & ENGINEERING

Certificate of Participation

This is to certify that

Ms Asha Kumari

has actively participated in the Workshop on **"Entrepreneurship opportunities through Wire Shark and Network Simulator -2"** conducted by the Department of Computer Science & Engineering, The Oxford College of Engineering, on **20-12-2023.**

HOD

PRINCIPAL

HOD

Head of The Department
Department of Computer Science and Engineering
The Oxford College of Engineering
BENGALURU-560068

CHILDREN'SEDUCATIONSOCIETY(Regd.)
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E-mail: engprincipal@theoxford.edu Web: www.theoxfordengg.org

Date: 04-09-2023

CIRCULAR

This is to inform you that The Oxford College of Engineering is organizing a workshop on **14 Days FACULTY DEVELOPMENT PROGRAMME on "Advanced Pedagogical Skills, design thinking and training for trainers for 21st Century soft skills".**on from 6th September to 23rd September 2023.. *A*ll the faculty members are informed to attend the workshop and make the best use of it.

FDP CORDINATOR
Dr. MANJULA C
(HOD / MTE)

Prof. & HOD
Department of Mechatronics
The Oxford College Of Engineering
Bommanahalli, Bangalore - 560 068

Children's Education Society ®
THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bengaluru-560 068
Website:www.theoxford.edu
(Approved by AICTE, New Delhi, Accredited by NBA, NAAC 'A' GRADE, New Delhi & Affiliated to VTU, Belgaum)

THE OXFORD COLLEGE OF ENGINEERING

14 Days FACULTY DEVELOPMENT PROGRAMME on "Advanced Pedagogical Skills, design thinking and training for trainers for 21st Century soft skills".

DEPARTMENT OF SKILL DEVELOPMENT ENTREPRENUERSHIP AND LIVELIHOOD KARNATAKA SKILL DEVELOPMENT CORPORATION (KSDC) in association with FORK TECHNOLOGIES Organized 14 Days FACULTY DEVELOPMENT PROGRAMME from 6th September to 23rd September 2023.

The Programme was for 100 hours offline and 50 hours online, the intention of this program is to craft the ways and means to improve the Teaching Learning Pedagogy, Design Thinking of trainers for 21st century soft skills. Department of Mechatronics Engineering co-ordinated for the conduction of FDP for 14 Days. Number of faculties attended was 59.

Objective:

The objective of the training is to bring the awareness about advanced pedagogical skills,

- Best Practices in Online Teaching,
- Increasing Student Engagement,
- Digital Tools & Techniques,
- Stress Management,
- Design Thinking in Online Teaching,
- Instructional Design Workshop,
- Prototype Model Designs, and
- Processes & Guidelines.

The sessions of the FDP were planned to meet the desired objectives. Schedule of the FDP has been enclosed

Day-wise Report of the Sessions Conducted

Schedule of the Faculty development programme

Sl.no	Date	Topics	Trainer Name
1	6/9/2023	• Self-learning, life vision and mission • Understanding the learning cycle • Our life's wheel	Mr. Neville
2	7/9/2023	Learning skills	Mr. Neville
3	8/9/2023	Literacy skills	Mr. Neville
4	11/9/2023	Life skills	Mr.CK Dwarakanath
5	12/9/2023	Advanced pedagogy	Mr.CK Dwarakanath
6	13/9/2023	Micro learning	Mr.Abhishek
7	14/9/2023		
8	15/9/2023	Understanding and using ADDIE (Analyze, Design, Develop, Implement, and Evaluate)	Mr.Abhishek
9	18/9/2023		
10	19/9/2023	Design thinking	Mr.Avinash

11	20/9/2023	Design thinking	Mr.Avinash
12	21/9/2023	Enhancing teaching efficiency, putting all of it together	Mr.Avinash
13	22/9/2023		
14	23/9/2023	Wellbeing and self-care and Valedictory function	Mr.Avinash

Day 1 (6/9/2023)

The morning session was started with

- Welcome speech about the Faculty development programme.
- Introduction about individual.
- Self-learning, life vision and mission

The afternoon session was started with

- Understanding the learning cycle
- Our life's wheel

The session was very informative and fulfilled its objective of training educators to enhance the online teaching experience of students as well as the faculties. All the participants have actively participated and has enjoyed the session thoroughly.

Photos

Day 2 (7/9/2023)

<u>The morning session was started with</u>

- Critical thinking
- Creativity

<u>The afternoon session was started with</u>

- **Collaboration communication**

  - ✓ Find out what collaborative communication is.
  - ✓ Look at some examples of collaborative communication.
  - ✓ Understand why it's important.
  - ✓ Read some handy tips on enhancing collaborative communication.

<u>Photos</u>

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Day 3 (8/9/2023)

<u>The morning session was started with</u>

- information literacy
- media literacy

<u>The afternoon session was started with</u>

- Technology literacy

Photos

Day 4 (11/9/2023)

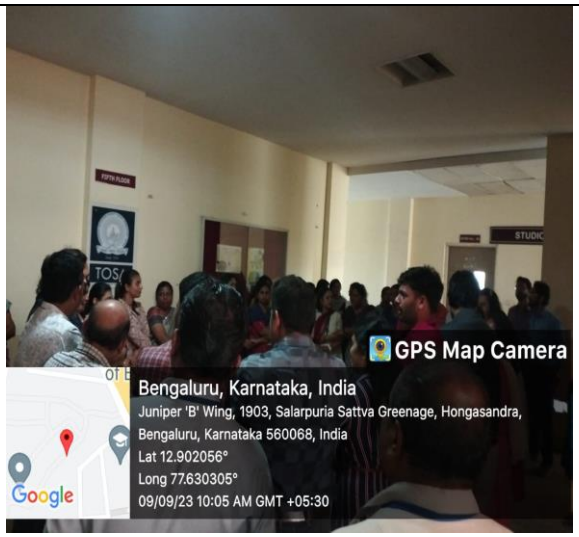
The morning session was started with

- flexibility
- leadership
- initiative

The afternoon session was started with

- productivity
- social skills

Photos



Day 5 (12/9/2023)

The morning session was started with

- Active learning strategies
- Visual aids and multimedia integration.

The afternoon session was started with

- Assessment and evaluation techniques.
- Classroom management strategies.
- Assessment and feedback strategies

Photos

Day 6 (13/9/2023)

The morning session was started with

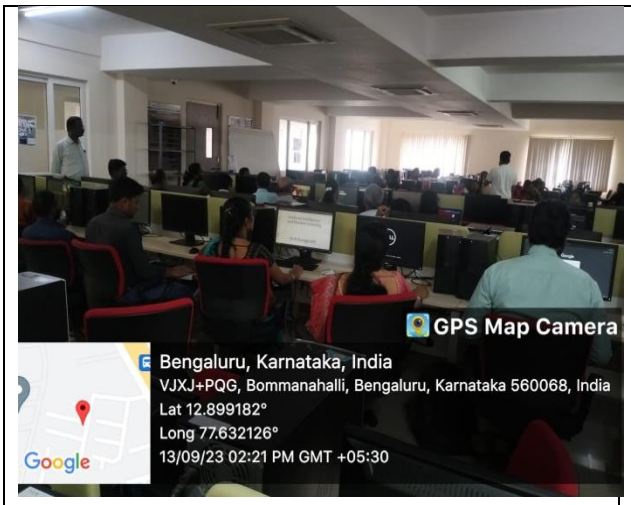
Micro learning

- Theories and principles
- Formats & delivery content.

The afternoon session was started with

- Designing effective modules

Photos



Day 7 (14/9/2023)

The morning session was started with

- Tools and technologies

The afternoon session was started with

- Collaborative designs.

Photos

Day 8 (15/9/2023)

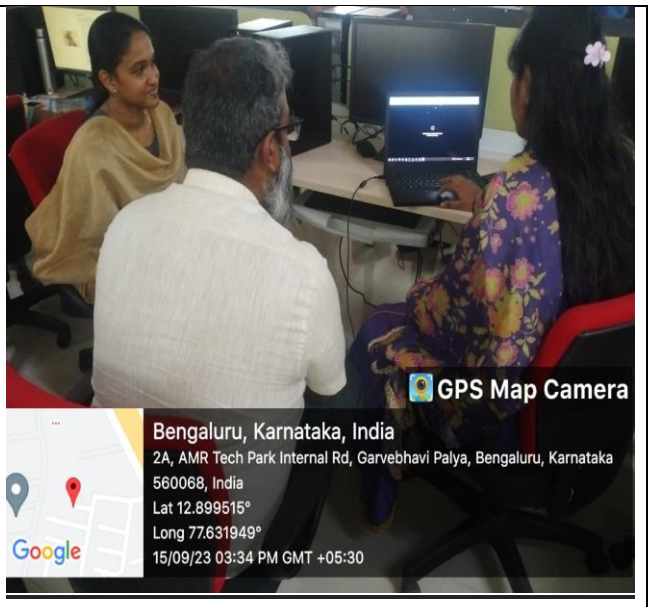
The morning session was started with

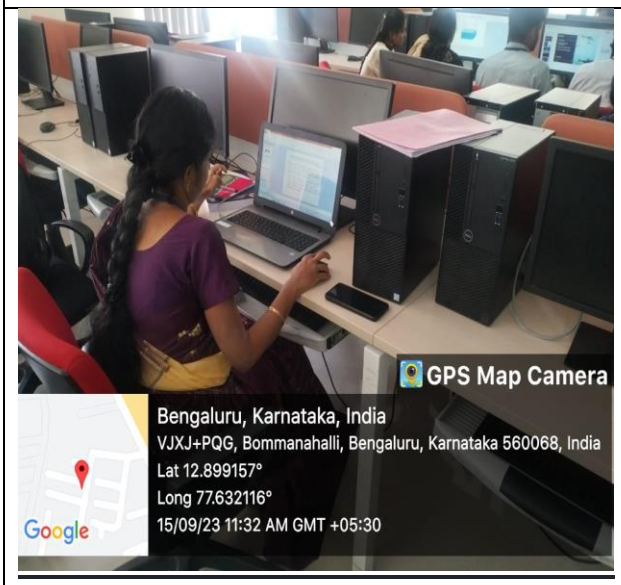
- Understanding and using ADDIE (Analyze, Design, Develop, Implement, and Evaluate)

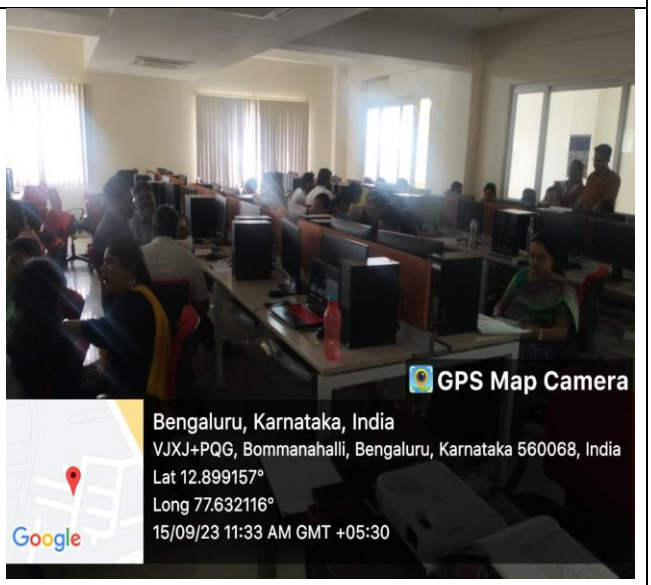
The afternoon session was started with

- Analyse phase
- Design phase

Photos







Day 9 (15/9/2023)

The morning session was started with

- Develop phase
- Implement phase

The afternoon session was started with

- Evaluate phase

Photos

The session brought out the best from each department and the engagement was appreciable. Most of the faculty explored ample new features of LMS which were unexplored till date from last so many years. It was wonderful to see that almost all departments have used the tools and techniques showcased in this FDP program in the initial days.

Day 10 (19/9/2023)

<u>The morning session was started with</u>

Design thinking

- Process and method
- Applying in curriculum development
- The type of lab and how it would be conducted
- Format eg. number of quizzes/assignments/presentations by students required or not

<u>The afternoon session was started with</u>

- Creating opportunities for students learning

Photos

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Day 11 (20/9/2023)

The morning session was started with

- Research and problem solving techniques
- Prototyping and testing solutions

The afternoon session was started with

- Collaborative & inter disciplinary thinking
- Tools and techniques
- Case/studies/tutorial/language/labs and how they will be conducted
- Evaluation rubrics

Photos

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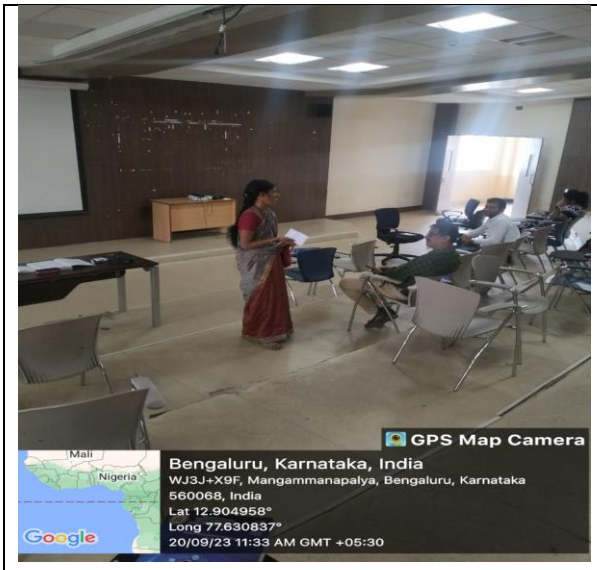
<td> 
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Day 12 (21/9/2023)

<u>The morning session was started with</u>

Enhancing teaching efficiency, putting all of it together

- Effective lesson planning

<u>The afternoon session was started with</u>

- Tips and designing engaging

<u>Photos</u>

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Day 13 (22/9/2023)

<u>The morning session was started with</u>

Enhancing teaching efficiency, putting all of it together

- Differentiated instructions

<u>The afternoon session was started with</u>

- Formative assessment and feedback

<u>Photos</u>

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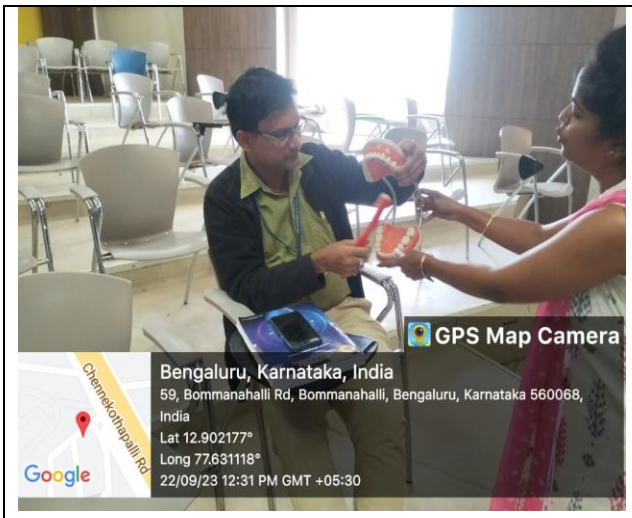
<td> 
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Day 14 (23/9/2023)

The morning session was started with

- Wellbeing and self-care
- Apart from this, during the interaction on MS Teams, one representative from each dept was invited to share their experience and learnings.

The afternoon session was started with

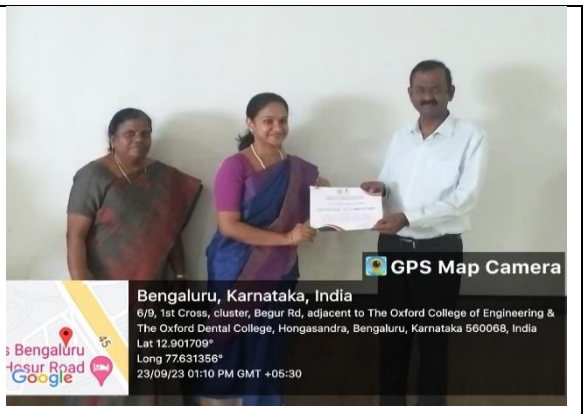
- Valedictory function

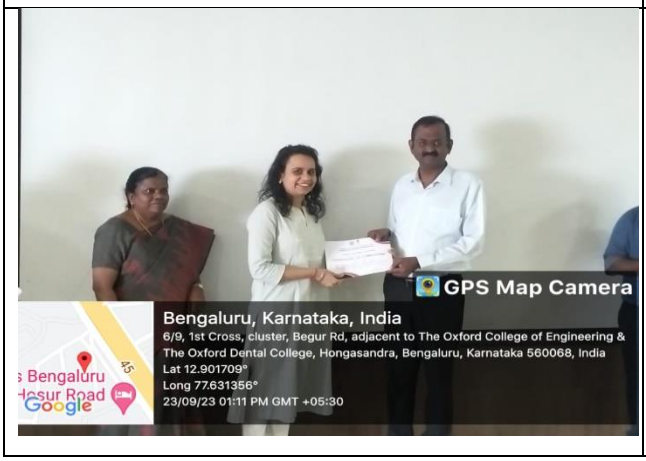
Feedback by Dept Representatives:

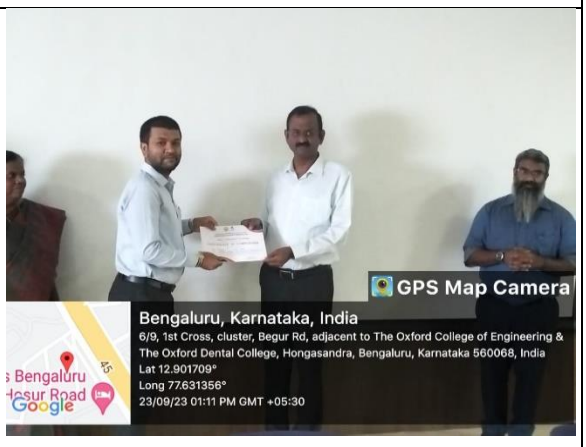
The aim was to know what went great and what could be fine-tuned in future. The following representatives spoke on behalf of their respective departments:

Prof.Navjeet,MBA, Prof.Bharath,EEE,

Photos







List of Faculties attended FDP

SL NO	DEPT	NAME
1	PRINCIPAL	Dr.N.KANNAN
2	AIML	SUBA RANJANI T
3	CSE	VINOTHA
4	CSE	RAMYA SRI
5	CSE	SRUTHI K
6	CSE	Dr. E SARAVANA KUMAR
7	CSE	Dr. RAGHU
8	CSE	SATHYA M
9	ISE	DR.R.KANAGAVALLI
10	ISE	DR.VANAJAROSELIN
11	ISE	KARTHIK S L
12	ISE	YADHUKRISHNA M.R
13	ISE	A.DIANA
14	ISE	INDU K.S
15	ISE	CHANNAPPA GOWDA D V
16	ECE	Dr.MANJU DEVI
17	ECE	Dr.SUCHANDANA MISHRA
18	ECE	REMYA BHARATHY
19	ECE	IFFAT FATHIMA
20	ECE	PRAJWALSIMHA
21	ECE	JAYARAJ N
22	EEE	MOUNIKA SHARON G
23	EEE	Dr.BHARATH.V.S
24	EEE	JAYAKUMAR.N
25	EEE	RESNA S.R
26	BT	TAMIZHARASI
27	BT	RAMYA
28	ME	DR. MADHU SUDANA REDDY G
29	ME	DR. RAVI PRAKASH M
30	ME	DR. VARUN K R
31	ME	DR. VIDYADHAR PUJAR
32	CIVIL	GAYATHRI R
33	CIVIL	KAVYA S K
34	CIVIL	Dr.T S MALLESHIAH
35	CIVIL	PRAKASH
36	S&H	Dr.USHA JINEDRA
37	S&H	VARALAKSHMI

38	S&H	Dr.SHIPRA BHATI
39	S&H	Dr.GAYATHRI C
40	S&H	ABDUL KADAR
41	S&H	Dr. PAVITRA KUMBARGOUDRA
42	S&H	Dr. MADWESHA MOUDGALYA
43	S&H	MANOJ KUMAR
44	MTE	Dr. MANJULA C
45	MTE	JAIDEEP R
46	MTE	SEEMA V
47	MBA	Dr. HARISH N
48	MBA	Dr. V LAKSHMI SUNEETHA
49	MCA	MRIDULA TEWARI
50	MCA	MARY ANITHA T
51	TODC	Dr.CHAMPA C
52	TODC	Dr. SNEHARAJ N
53	TOCNS	KRISS REN VARGHESE
54	TOCNS	SRIRAJESWARI R.
55	TOCP	AKSHAY
56	TOCBM	MANOJ S
57	TOCBM	NAVJIWAN HIRA
58	TOCPT	Dr. TIRUMALA RAO
59	TOCPT	Dr. MEGHA CK

13/10/2023

FDP CORDINATOR
Dr. MANJULA C
(HOD / MTE)

Prof.& HOD
Department of Mechatronics
The Oxford College Of Engineering
Bommanahalli, Bangalore - 560 068.

13/10/23

PRINCIPAL
Dr. N. KANNAN

PRINCIPAL
The Oxford College of Engineering
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E-mail: engprincipal@theoxford.edu Web: www.theoxfordengg.org

Date: 18-08-2023

CIRCULAR

This is to inform you that Department of AIML, The Oxford College of Engineering is organizing a workshop on **Industrial application with integrated IoT and Labview** on from 21-08-2023 to 26-08-2023. *A*ll the faculty members are informed to attend the workshop and make the best use of it.

HOD

HEAD OF THE DEPARTMENT
DEPARTMENT OF AIML
HE OXFORD COLLEGE OF ENGINEERING
Bengaluru-560068

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✆: 080 -30219601/602/604/736, Fax: 080 – 25730551/ 30219629 E-mail: engprincipal@theoxford.edu Web: www.theoxford.edu

DEPARTMENT OF ARTIFICIAL INTELLIGENCE & MACHINE LEARNING

In association with

TECHNOLOGICS GLOBAL PVT.LTD

Cordially invites you for the

Faculty Development Programme

ON

"Industrial Application with Integrated IoT and LabVIEW"

From 21st August to 26th August 2023

BY

Ms. VINUTHA S & Mr. FUZAIL IYAD

Technologics Global Pvt Ltd

Venue: MCA Lab1

HOD

HEAD OF THE DEPARTMENT
DEPARTMENT OF AIML
HE OXFORD COLLEGE OF ENGINEERING
Bengaluru-560068

Dr.N.Kannan
PRINCIPAL

PRINCIPAL
Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068

ABOUT THE FDP

It is aimed to offer in-depth knowledge on technologies behind the Artificial intelligence and IoT .The scope of Artificial Intelligence is to find smart solutions to modern problems in almost all the major sectors such as Agriculture. Healthcare. Education and Infrastructure. Transport. Cyber Security. Banking. Manufacturing. business. Hospitality. Entertainment.

NI LabView

1) Introduction About LabVIEW
2) Software Introduction
3) LabVIEW with hardware &DAQ-USB-6009
4) Embedded device with lab VIEW
5) PLC interface with LabVIEW
6) Programming application
7) Web server
8) Hardware interfacing with LabVIEW

EMBEDDED IOT

- Introduction to IOT
- Introduction to Embedded
- Introduction to arm based controller & esp32
- Esp32 programming
- Esp32 led blinking , switch
- Esp32 ADC & PWM Esp32 hall effect
- Esp33 touch sensor & Esp32 lcd
- Esp32 wifi
- Esp32 Bluetooth Mqtt Mit with esp32

INFORMATION TO APPLICANTS

Eligibility

Faculty from Technical institutions. PG students and Research scholars can apply.

No Registration Fee.

Registration Link:

https://forms.gle/iMCvEqoVFtBRAgDJ6

Important Dates:

Last Date for Registration : 19.08.2023

How to Apply:

The applicants should use the below link for the registration
https://forms.gle/iMCvEqoVFtBRAgDJ6

Resource Persons:

Ms.VINUTHA S

Embedded R&D Application Engineer and Corporate Trainer,

Technologies Global R&D Lab

Mr.FUZAIL IYAD

Project Engineer,

Technologies Global Pvt Ltd

THE OXFORD COLLEGE OF ENGINEERING

SIX DAYS FDP ON INDUSTRIAL APPLICATION WITH INTEGRATED IOT AND LAB VIEW

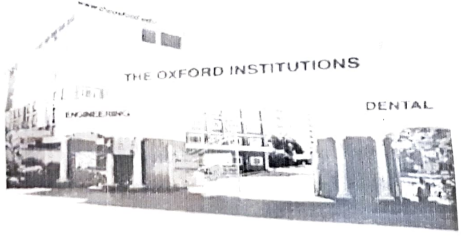
[21st August 2023 to 26th August 2023]

In Association with

Technologies Global Pvt.Ltd

Convenor

Dr. P. Bindhu Madhavi , HOD-AIML



Organized by
Department of Artificial Intelligence & Machine Learning

THE OXFORD COLLEGE OF ENGINEERING
(Approved by AICTE , Affiliated to VTU , Accredited by NAAC & Recognized by UGC)
Hosur Road, Bommanahalli Bangalore
560068

ABOUT THE INSTITUTION:

The Oxford College of Engineering is one of the most prestigious institutions in Bengaluru that provides quality teaching and training in professional courses in 9 streams of Engineering, post graduate programs in Technology (M.Tech), Computer Application (MCA) and in Business Administration (MBA) and Research (Ph.D).

The world in which we live today is comfortable because of engineering feats and inventions. The field is vast and the application are enormous from the transport system to internet, from daily tools to sophisticated heavy industries, from medical instruments to basic research across the world.

The Oxford College of Engineering is accredited with NAAC A grade and 5 departments are NBA accredited. College has a dedicated and highly qualified team of faculty who offer Quality education to the students as per the academic scheme of VTU. TOCE has adequate infrastructure inclusive of Smart Classrooms, Labs as per the students need. The college has progressive placement track record every year.

ABOUT THE DEPARTMENT

Artificial Intelligence & Machine Learning is a branch of study which includes theories, standards, methods and innovations of various different domains like mathematics, cognitive science, electronics and embedded systems to make intelligent systems that mimic human behavior. Artificial Intelligence and Machine Learning focuses on collecting, categorizing, strategizing, analyzing and interpretation of data.

In this course, you will learn how to design, create and implement AI and ML based software solution to solve real-world problems. This course helps to explore concepts such as AI, Machine Learning, Deep Learning, Image Processing, Virtual Reality and IoT and its applications.

Vision of the Department:

"To Create Technocrats with Cognitive Skills and Technical Proficiency to Succeed in the Challenging World of New Era".

Mission of the Department:

- To Produce outstanding Artificial Engineering Professionals with cognitive skills.
- To Enrich the students' skill set by continuous learning and research capabilities with vibrant ambience.
- To empower students with Technical Proficiency, Competency and Ethicalness for the new Era.

Courses Offered

- B.E.- Artificial Intelligence and Machine Learning

ORGANIZING COMMITTEE

CHIEF PATRON:

Dr. S.N.V.I. Narasimha Raju,
President,
The Oxford Educational Institutions

PATRON:

Dr. N. Kannan,
Principal,
The Oxford College of Engineering, Bangalore.

Convener:

Dr. P. Bindhu Madhavi,
Professor and Head,
Department of AI/ML,
The Oxford College of Engineering, Bangalore.

Co-ordinators:

Prof. Parvathy. S, AP/AIML
Prof. T. Subaranjani, AP/AIML

Contact:

Prof. Parvathy. S,
Assistant Professor / AIML,
The Oxford College of Engineering, Bommanahalli,
Bangalore-560068.
Mobile: 8861893882
E mail: sparvathy389@gmail.com

THE OXFORD COLLEGE OF ENGINEERING

DEPARTMENT OF AIML

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Report on Impact of the eventby Organizing Department

Objectives Aimed:	The programme aimed to provide participants of The Oxford College of Engineering and other Engineering College Faculties with comprehensive knowledge of the technologies behind Internet of Things (IoT) and their integration with LabVIEW software. This comprehensive six-day program aimed to explore the seamless integration of Internet of Things (IoT) and LabVIEW software in industrial applications. Participants were immersed in a dynamic learning environment, gaining insights into the amalgamation of cutting-edge technologies. Throughout the session the following topics have been covered: i) NI LabVIEW ii)Embedded IoT. The participants were exposed to hands-on sessions and theoretical lectures by industry experts to enhance their understanding of these technologies.
Outcome of the event:	The FDP provided participants with a comprehensive understanding of LabVIEW, IoT, and their integration, equipping them with valuable skills applicable to modern industrial scenarios. The hands-on sessions facilitated practical learning experience in Internet of Things, enabling participants to develop solutions and projects using the learned concepts. The interaction with industry experts enriched their insights into real-world applications of the technologies covered. The Faculty Development Program on "Industrial Application with Integrated IoT and LabVIEW" was a resounding success, contributing significantly to the professional development of the participants. The knowledge gained will undoubtedly empower them to explore innovative solutions in their academic and professional endeavors. Around 30 Participants attended the workshop.

TOC-NOT APPROVED

Beneficiary details	Faculties of The Oxford College of Engineering and other Colleges and Universities.
Resource person detail with contact number and affiliation	Ms. VINUTHA S, Embedded R&D Application Engineer, and Corporate Trainer at Technologics Global R&D Lab. Mr. FUZAIL IYAD, Project Engineer at Technologics Global Pvt Ltd.
Impact/outcomeof the event	1. Participants gained an overview of the LabVIEW software environment and its user interface, laying the foundation for subsequent learning. The concept of virtual instruments (VIs) and block diagram programming was introduced, followed by practical sessions on creating and customizing front panels and block diagrams.
	2. Participants were introduced to Data Acquisition (DAQ) devices, with a focus on the USB-6009 model. They learned to configure and read both analog and digital signals using LabVIEW. Real-time data processing and visualization were explored, alongside an introduction to Programmable Logic Controllers (PLCs) and their integral role in automation.
	3. An overview of IoT's architecture and components followed, setting the stage for understanding ARM-based controllers and their advantages. The ESP32 microcontroller was introduced as a versatile platform, and participants were guided through setting up the development environment for ESP32 in a hands-on exercise.
	4. Participants delved into ESP32 programming using the Arduino IDE. Basic input-output operations were covered, alongside practical exercises involving the control of LEDs and switches using ESP32. The utilization of ESP32's Analog-to-Digital Converter (ADC) and Pulse Width Modulation (PWM) capabilities were explained, and participants engaged in a hands-on exercise that involved programming ESP32 to control LEDs and read analog data.
	5. Participantslearned to enable Wi-Fi connectivity on the ESP32, creating a basic web server. The day concluded with an introduction to Bluetooth communication and the

	MQTT protocol. A hands-on exercise required participants to develop an ESP32-based Wi-Fi-enabled application.
	6. Participants learned to seamlessly merge LabVIEW with IoT devices for efficient data acquisition. MQTT integration with both ESP32 and LabVIEW was demonstrated for effective data exchange. A case study highlighted a complete IoT-enabled application developed using the integration of LabVIEW and ESP32.
Signature of HOD	

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IMPACT ANALYSIS of

Faculty Development Programme "Industrial Application with Integrated IOT and Lab VIEW" 21-08-2023 to 28-08-2023.

FACULTY DEVELOPMENT PROGRAMME ORGANISED ACADEMIC YEAR 2022-2023

Sl. No	Topic	PO/PSO Mapping	Remarks
1.	Industrial Application with Integrated IOT and Lab VIEW	PO1,PO4,PO5, PSO1	Conduct investigation of complex problems & Modern Tool usage.

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DEPARTMENT OF ARTIFICIAL INTELLIGENCE AND MACHINE LEARNING

FDP on "Industrial Application with Integrated IOT and Lab View from 21/08/2023 to 26/08/2023

Attendance Sheet

Day 1:21/08/2023

Sl.No.	NAME	College Name	Department	Signature
1.	Dr. P. Bindhulakshmi	TOCE	AIML	P. Bindhu
2.	Parvathy. S	TOCE	AIML	Parvathy
3.	P. Tamizharasi	TOCE	Biotechnology	
4.	Iffat Fatima	TOCE	ECE	
5	Resna S R	TOCE	EEE	
6	Vijayalakshmi V S	TOCE	ECE	
7	Sheebakumari. C.	TOCE	ECE	
8	Mridula Shukla	TOCE	MCA	
9	Dr. Usha Jinendra	TOCE	S and H	
10.	Madhuvesha Moudgalya R	TOCE	S & H	Madhuvesha. R
11.	Latha Y. L	TOCE	S & H	Latha Y.L
12	PRADEEP C	TOCE	ME	
13	Raghavendran	TOCE	ME	
14	Dr. Prasad. H. Nayak	TOCE	ME	
15.	Dr. Vidyadhar. Pujari	TOCE	ME	
16	Lisa Naisu	TOCE	MCA	
17	Jaideep R	TOCE	MT	Jaideep
18.	Noor Basha	Vemana I.T	CSE	
19.	NAVEEN H.S	Vemana I.T	CSE	

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Sl.No.	NAME	College Name	Department	Signature
20	Dr. K. Raghu	TOCE	CSE	
21	YASHWANTH KRISHNAMURTHY	TOCE	ISE	
22	Asha kumari. A	TOCE	CSE	
23	L. Manjula	TOCE	CSE	L. Manjula
24	Lenish	TOCE	CSE	
25	Mary Shristha	TOCE	MCA	
26	Nayana. B. S	TOCE	Civil	
27	Angel Donny	TOCE	CSE.	
28	Subaranjani. T	TOCE	AIML	

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FDP on "Industrial Application with Integrated IOT and Lab View from 21/08/2023 to 26/08/2023

Day 2: 22/08/2023 **Attendance Sheet**

Sl.No.	Name	College Name	Department	Signature
1	Jaideep.R	TOCE	MTE	
2.	Sheebakumari.C	TOCE	ECE	
3.	Shivaranjani.T	TOCE	AIML	
4	Dr E Saravanakumar	TOCE	CSE	
5	Dr. R. Raghu	TOCE	CSE.	
6.	Lenish praveen	TOCE	CSE	
7.	L. Manjula	TOCE	CSE	
8	Resna S R	TOCE	EEE	
9	Mridula Shukla	TOCE	MCA	
10.	Angel Donny	TOCE	CSE	
11.	Nayana B.S	TOCE	Civil	
12	Iffat Fatima	TOCE	ECE	
13	Sumitra T.L	TOCE	EEE	
14	Noor Basha	Vemana. I.T	CSE.	
15	Naveen H.S	Vemana. I.T	CSE	
16.	Mary Anitha.T	TOCE	MCA	
17.	Dr. Vidyadhar. P	TOCE	ME	
18	Raghavendra.N	TOCE	ME	
19.	Liya Naiju	TOCE	MCA	

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Sl.No.	NAME	College Name	Department	Signature
20.	P. Tamizharasi	TOCE	Biotechnology	
21.	Parvathy. S	TOCE	AI/ML	Parvathy

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- **Day 3: 23/08/2023** **Attendance Sheet**

Sl.No.	Name	College Name	Department	Signature
1	Dr. R. Raghu	TOCE	CSE	
2.	Yashaswini M R	TOCE	ISE	
3.	Mridula Shukla	TOCE	MCA	
4.	Mary Vithal	TOCE	MCA	
5	Asha Kumari. A	TOCE	CSE	
6.	SAJIDA TABASUM U	TOCE	CSE	
7.	P Tamizharasi	TOCE	Biotechnology	
8	Nayana B S	TOCE	Civil	
9.	Dr. Usha	TOCE	S and H	
10	Liya Naiju	TOCE	MCA	
11.	Raghavendra	TOCE	ME	
12.	Madhusha Moudgalya R	TOCE	S & H	Madhusha. R.
13	Resna S. R	TOCE	EEE	
14.	Iffat Fatima	TOCE	ECE	
15.	Vijayalakshmi V S	TOCE	ECE	
16.	Jaideep R	TOCE.	MTE	
17	Ravi Prakash	TOCE	ME	
18	Sumitha T.L	TOCE	EEE	
19	Naveen H.S	Vemana IT	CSE	

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Sl.No.	NAME	College Name	Department	Signature
20.	Noor Basha	Vemana. I.T	CSE	
21	Sheebakumari C	TOCE	ECE	
23.	Lenish Pramil	TOCE	CSE	
24.	Paravathy. S	TOCE	AI/ML	
25.	Angel Donny	TOCE	CSE	

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FDP on "Industrial Application with Integrated IOT and Lab View from 21/08/2023 to 26/08/2023

Day 4: 24/08/2023 **Attendance Sheet**

Sl.No.	Name	College Name	Department	Signature
1.	YADHUKRISHNAMR	TOCE	ISE	
2.	Nayana. B. S.	TOCE	Civil	Nayana B.S.
3.	Subaranjani. T	TOCE	AIML	
4.	Noor Basha	Vemana I.T	CSE	
5.	Naveen H.S	Vemana I.T	CSE	
6.	SAJIDA TABASUM.U	TOCE	CSE	
7.	Sumitha T.L	TOCE	EEE	
8	Reena. S R	TOCE	EEE	
9.	L. Manjula	TOCE	CSE	
10	Asha kumari. A	TOCE	CSE	
11.	P. Tamizharasi	TOCE	Biotechnology	
12.	Lokish pramin	TOCE	CSE	
13	Dr. R. kaghu	TOCE	CSE	
14	Mridula Shukla	TOCE	MCA	
15	Iffat Fatima	TOCE	ECE	
16	Vijayalakshmi VS	TOCE	ECE	
17	Sheebakumari C	TOCE	ECE	
18	Dr. Vidyadhar Priya	TOCE	ME	
19	Jaideep. R	TOCE	MTE	

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Sl.No.	NAME	College Name	Department	Signature
20	SEEMA.V	TOCE	MTE.	
21	Liyanaiju	TOCE	MCA	
22	Maryanitha	Toce	MCA	
23	Parvathy.S	TOCE	AI/ML	
24	Angel Donny	TOCE	CSE	

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FDP on "Industrial Application with Integrated IOT and Lab View from 21/08/2023 to 26/08/2023

Day 5: 25/08/2023 **Attendance Sheet**

Sl.No.	Name	College Name	Department	Signature
1	Jaideep R	TOCE	MTE	
2	Yaelhuforisma MR	TOCE	ISE	
3	Liya Naiju	TOCE	MCA	
4	Mary Anitha	TOCE	MCA	
5.	Subaranjani. T	TOCE	AIML	
6.	Sumitha T.L	TOCE	EEE	
7	Resma S R	TOCE	EEE	
8.	Iffat Fatima	TOCE	ECE	
9.	Lenish Pramin	TOCE	CSE	
10	Dr. R. Raghu	TOCE	CSE	
11.	L. Manjula	TOCE	CSE	L. Manjula
12.	P. Tamizharasi	TOCE	Biotechnology	
13	Mridula Shukla	TOCE	MCA	
14.	Sheebakumari C	TOCE	ECE	
15.	Vijayalakshmi VS	TOCE	ECE	
16.	Parvathy. S	TOCE	AI/ML	Parvathy
17.	Bindhu Madhavi	TOCE	AI/ML	
18	Angel Donny	TOCE	CSE	

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FDP on "Industrial Application with Integrated IOT and Lab View from 21/08/2023 to 26/08/2023

Day 6: 26/08/2023 **Attendance Sheet**

Sl.No.	Name	College Name	Department	Signature
1.	Parvathy. S	TOCE	AIML	
2.	Vijayalakshmi VS	TOCE	ECE	
3.	Iffat Fatima	TOCE	ECE	
4.	Sheeba Kumari. C.	TOCE	ECE	
5	Jaideep R	TOCE	MTE	
6.	Yaelhukrishna M.R	TOCE	ISE	
7	Dr. R. Raghu	TOCE	CSE	
8.	Lenish Pramlee	TOCE	CSE	
9.	L Manjula	TOCE	CSE	
10.	Angel Donny	TOCE	CSE	
11.	P. Tamizharasi	TOCE	Biotechnology	
12	Liya Naiju	TOCE	MCA	
13	Resna S R	TOCE	EEE	
14	Sumitha T.L	TOCE	EEE	
15	Nayana. B.S.	TOCE	Civil	
16	Mridula Shukla	TOCE	MCA	
17	Pranav. P	TOCE	AI ML	
18	Shankar. R	TOCE	AIML	
19	Dhoriwal. A.M	TOCE	AIML	

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Sl.No.	NAME	College Name	Department	Signature
20.	Satyam Jha	TOCE	MCA	Satyam Jha
21.	Haritha Kaya	TOCE	AIML	HK
22	Nameera Banu	TOCE	MCA	Nameera
23.	Priyanka L Pereira	TOCE	MCA	Pereira
24.	SAJIDA TABASUM.V	TOCE	CSE	Sajid
25	Manoj kumar.H	Vemana Institute of Technology	ISE	Manoj
26	Dr. Rajanna M	—11—	ISE, HOD.	
27	RAKESH.B.S	—11—	ISE	Rakesh
28	Dr. Ravi prakash.M	Mechanical Engg (TOCE)	M.E	
29.	Subramanyam. T	TOCE	AIML	
30	Noor Basha	Vemana IT	CSE	Noor
31	Naveen H.S	11	CSE	Naveen

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Feedback on outcome of FDP

FDP on"Industrial Application with Integrated IoT and LabVIEW" ,From 21st August to 26th August 2023.

Name of the Faculty: Manoj Kumar. H (Vemana Institute)

Sl.no	Queries	Yes	No	Yes			
				Average	Good	Very good	Excellent
1.	Does it provide you an opportunity to understand basics of engineering	Yes				✓	
2.	Can you think you can apply solution of complex engineering problems?	Yes					✓
3.	Did you get adequate knowledge to analyse the scientific/engineering problem	Yes					✓
4.	Can you use the knowledge to design solution for the scientific/engineering problem	Yes					✓
5.	Did you get knowledge to conduct investigation on complex problems	Yes				✓	
6.	Did you get any knowledge on Modern tool usage	Yes				✓	
7.	Can you use the knowledge gained to assess societal, health, safety, legal and cultural issues	Yes				✓	
8.	Can you use the knowledge to demonstrate sustainable development?	Yes					✓
9.	Does the program address any professional ethics and responsibilities add	Yes					✓
10.	Does the program motivate you to Function effectively as an individual/as a member/ leader	Yes					✓
11.	Do you think the program helped you to enhance your technical communication skill	Yes					✓
12.	Did the program highlighted any management principles	Yes					✓
13.	Does the concept support/demands lifelong learning	Yes					✓

Signature of Faculty

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Feedback on outcome of FDP

FDP on"Industrial Application with Integrated IoT and LabVIEW" ,From 21st August to 26th August 2023.

Name of the Faculty: Noor Basha (Vemana.I.T)

Sl.no	Queries	Yes	No	Yes			
				Average	Good	Very good	Excellent
1.	Does it provide you an opportunity to understand basics of engineering	Yes					✓
2.	Can you think you can apply solution of complex engineering problems?	Yes					✓
3.	Did you get adequate knowledge to analyse the scientific/engineering problem	Yes					✓
4.	Can you use the knowledge to design solution for the scientific/engineering problem	Yes				✓	
5.	Did you get knowledge to conduct investigation on complex problems	Yes					✓
6.	Did you get any knowledge on Modern tool usage	Yes					✓
7.	Can you use the knowledge gained to assess societal, health, safety, legal and cultural issues	Yes					✓
8.	Can you use the knowledge to demonstrate sustainable development?	Yes				✓	✓
9.	Does the program address any professional ethics and responsibilities add	Yes					✓
10.	Does the program motivate you to Function effectively as an individual/as a member/ leader	Yes					✓
11.	Do you think the program helped you to enhance your technical communication skill	Yes					✓
12.	Did the program highlighted any management principles	Yes					✓
13.	Does the concept support/demands lifelong learning	Yes					✓

Signature of Faculty

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Feedback on outcome of FDP

FDP on"Industrial Application with Integrated IoT and LabVIEW" .From 21st August to 26th August 2023.

Name of the Faculty: Naveen .H.S. (Vemana .I.T)

Sl.no	Queries	Yes	No	Yes			
				Average	Good	Very good	Excellent
1.	Does it provide you an opportunity to understand basics of engineering	Yes					✓
2.	Can you think you can apply solution of complex engineering problems?	Yes					✓
3.	Did you get adequate knowledge to analyse the scientific/engineering problem	Yes					✓
4.	Can you use the knowledge to design solution for the scientific/engineering problem	Yes					✓
5.	Did you get knowledge to conduct investigation on complex problems	Yes				✓	
6.	Did you get any knowledge on Modern tool usage	Yes					✓
7.	Can you use the knowledge gained to assess societal, health, safety, legal and cultural issues	Yes					✓
8.	Can you use the knowledge to demonstrate sustainable development?	Yes					✓
9.	Does the program address any professional ethics and responsibilities add	Yes					✓
10.	Does the program motivate you to Function effectively as an individual/as a member/ leader	Yes					✓
11.	Do you think the program helped you to enhance your technical communication skill	Yes				✓	✓
12.	Did the program highlighted any management principles	Yes					✓
13.	Does the concept support/demands lifelong learning	Yes					✓

Signature of Faculty

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Feedback on outcome of FDP

FDP on"Industrial Application with Integrated IoT and LabVIEW" ,From 21st August to 26th August 2023.

Name of the Faculty: Nayana. B. S

Sl.no	Queries	Yes	No	Yes			
				Average	Good	Very good	Excellent
1.	Does it provide you an opportunity to understand basics of engineering	✓				✓	
2.	Can you think you can apply solution of complex engineering problems?	✓				✓	
3.	Did you get adequate knowledge to analyse the scientific/engineering problem	✓				✓	
4.	Can you use the knowledge to design solution for the scientific/engineering problem	✓				✓	
5.	Did you get knowledge to conduct investigation on complex problems	✓				✓	
6.	Did you get any knowledge on Modern tool usage	✓				✓	
7.	Can you use the knowledge gained to assess societal, health, safety, legal and cultural issues	✓				✓	
8.	Can you use the knowledge to demonstrate sustainable development?	✓				✓	
9.	Does the program address any professional ethics and responsibilities add	✓				✓	
10.	Does the program motivate you to Function effectively as an individual/as a member/ leader	✓				✓	
11.	Do you think the program helped you to enhance your technical communication skill	✓				✓	
12.	Did the program highlighted any management principles	✓				✓	
13.	Does the concept support/demands lifelong learning	✓				✓	

Nayana B. S.

Signature of Faculty

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O: 080 -30219601/602/604/736, Fax: 080 – 25730551/ 30219629 E-mail: engprincipal@theoxford.edu Web: www.theoxford.edu

Feedback on outcome of FDP

FDP on"Industrial Application with Integrated IoT and LabVIEW" ,From 21st August to 26th August 2023.

Name of the Faculty: Liya Naiju - MCA

Sl.no	Queries	Yes	No	Yes			
				Average	Good	Very good	Excellent
1.	Does it provide you an opportunity to understand basics of engineering	Yes					✓
2.	Can you think you can apply solution of complex engineering problems?	Yes				✓	
3.	Did you get adequate knowledge to analyse the scientific/engineering problem	Yes					✓
4.	Can you use the knowledge to design solution for the scientific/engineering problem	Yes					✓
5.	Did you get knowledge to conduct investigation on complex problems	Yes					✓
6.	Did you get any knowledge on Modern tool usage	Yes				✓	✓
7.	Can you use the knowledge gained to assess societal, health, safety, legal and cultural issues	Yes					✓
8.	Can you use the knowledge to demonstrate sustainable development?	Yes					✓
9.	Does the program address any professional ethics and responsibilities add	Yes					✓
10.	Does the program motivate you to Function effectively as an individual/as a member/ leader	Yes					✓
11.	Do you think the program helped you to enhance your technical communication skill	Yes				✓	✓
12.	Did the program highlighted any management principles	Yes					✓
13.	Does the concept support/demands lifelong learning	Yes					✓

Signature of Faculty

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This is to certify that Dr. P. Bindhu Madhavi.

has participated in 6 days FDP on Industrial application with Integrated IOT & LabView Organized by Dep of AI ML in association with Technologics Global from 21st Aug 2023 to 26th Aug 2023

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DR. BINDHU MADHAVI

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This is to certify that ..... MS. PARVATHY. S .....
has participated in 6 days FDP on Industrial application with Integrated IOT & LabView Organized by Dep of AI ML in association with Technologics Global from 21st Aug 2023 to 26th Aug 2023

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This is to certify that Ms. Subaranjani. T

has participated in 6 days FDP on Industrial application with Integrated IOT & LabView Organized by Dep of AI ML in association with Technologics Global from 21st Aug 2023 to 26th Aug 2023

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E-mail: engprincipal@theoxford.edu Web: www.theoxfordengg.org

Date: 20-07-2023

CIRCULAR

This is to inform you that Department of Biotechnology, The Oxford College of Engineering is organizing a Workshop on " **Know your intellectual property – Series 2**" from 24th to 28th July 2023. *A*ll the faculty members are informed to attend the workshop and make the best use of it.

Dr. B.K Manjunath
(HoD & Convener)

DR. B.K MANJUNATHA
Professor & Head
Department of Biotechnology
The Oxford College of Engineering
Bengaluru 560 068

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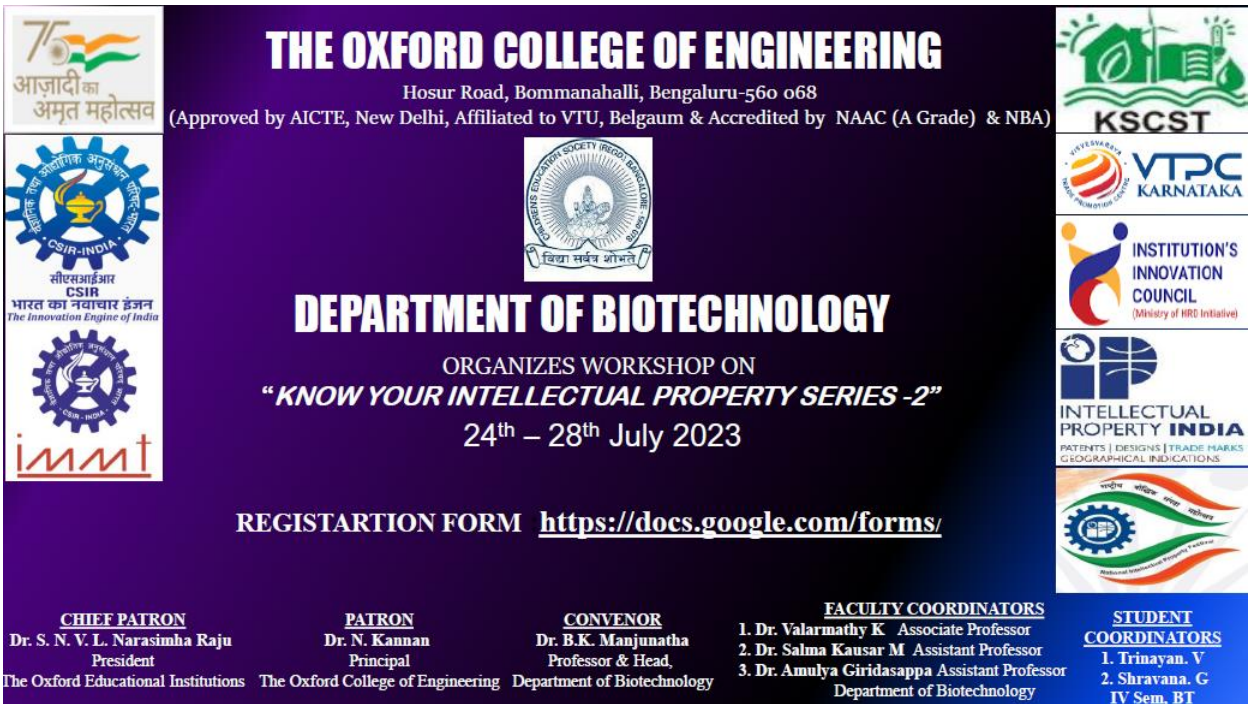
Website: www.theoxford.edu.

Report on Workshop on " Know your intellectual property – Series 2" 24th to 28th July 2023

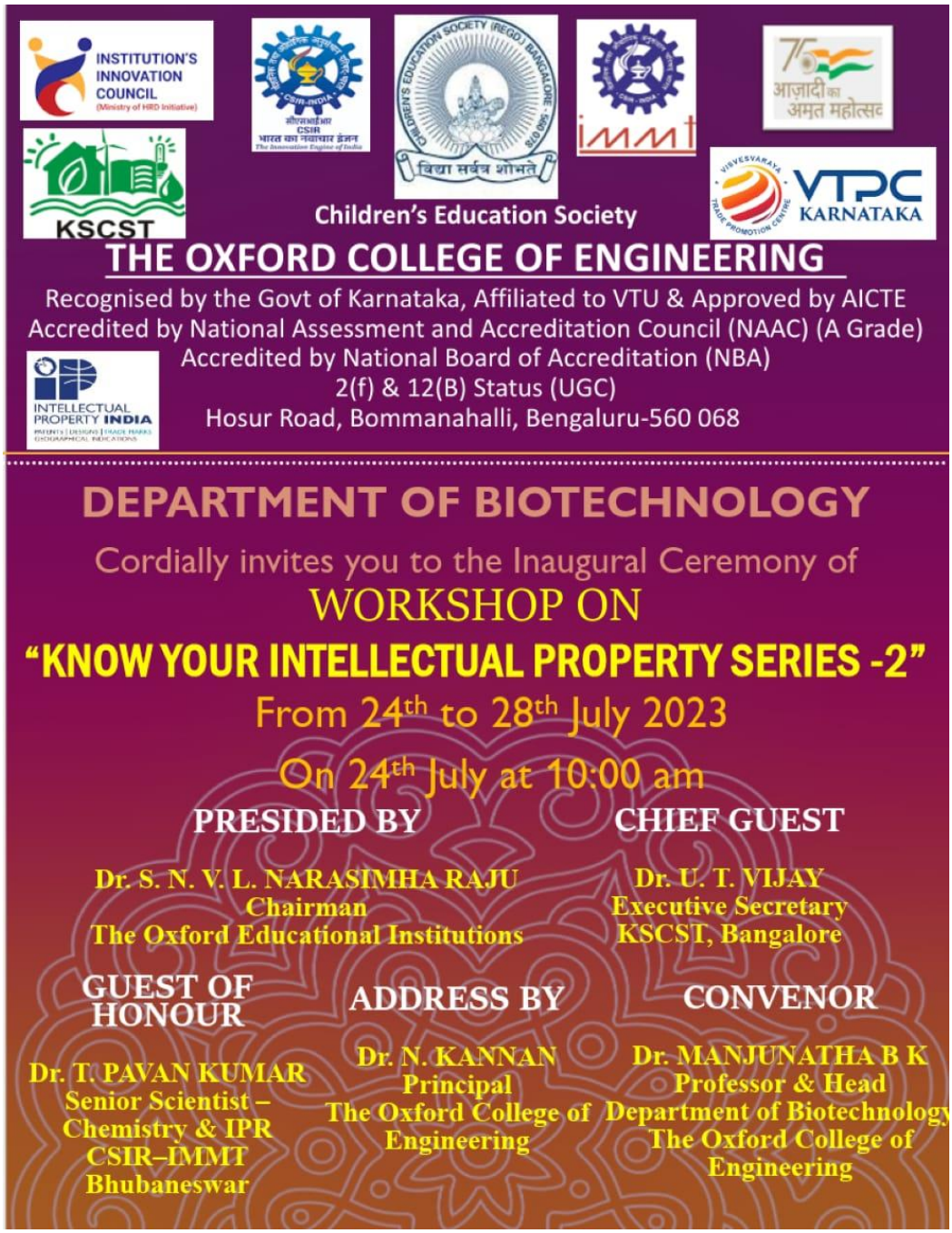


The Department's of Biotechnology, organized five days' workshop program on ***"Know your intellectual property – Series 2"*** in association with CSIR-IMMT, KSCST and VTPC from 24th to 28th July 2023. The main aim of the workshop was to impart greater awareness about the issue of IPR to the teaching and research fraternity and enable them to utilize it.

The main objectives of the program were:

- To understand patentability criteria in detail and viable aspect of the patent.
- To understand and asses the importance and scope of IPR in academic researches.
- To understand types of innovations patentable & how to test patentability of innovations.
- To understand procedure of patent writing, patent filing and the process of granting patent.

- Indian IPR policy and facility extended for filing.



The Program was inaugurated on an online mode using Google meet platform by the chief guest, Dr. U. T. Vijay, Executive Secretary, KSCST, Bangalore, who delivered key note address on the program. Dr. N. Kannan, Principal of The Oxford College of Engineering presented an overview of the workshop and emphasized on the need for greater level of understanding of IPR in the academics and its utilization for minimizing the gap between industry and academia. Professor

and Head of Department of Biotechnology, Dr. Manjunatha B K addressed the gathering stressing on the importance of protecting and patenting the innovations in the present-day scenario in the field of Engineering. The inaugural session concluded with vote of thanks.

Dr. Kapil Arya gave a presentation on "Patentability Criteria" to kick off the first technical session. He focused on the three key requirements of originality or newness, utility or usefulness (capable of industrial application), and non-obviousness. Ms. Priyanka presented the second technical session. She gave a professional presentation on "Patentable and Non-Patent Subject Matters," shedding light on activities including writing, painting, sculpting, choreographing, and cinematography that are covered by "The Indian Patent Act."

The second day was started with offline lecture presented by Mr. Nagarjun M G, project associate at Karnataka State Council for Science and Technology, IISc campus Bengaluru, explaining Intellectual property rights are the rights given to persons over the creations of their minds. His topic was “Industrial Design Protocol” that gave insights on his role at the Patent Information Centre (PIC) and Technology and Innovation Support Centre – TISC, WIPO of KSCST Communication activities and detailed on the IP filings i.e. patents, copyrights, trademarks, designs, Establishment of IP Cells, Institutional Policymaking, visitor consultations and other projects and programmes of the Patent Information center. Furthermore, for women candidates, he highlighted the KIRAN IPR programme of DST and TIFAC where the programme provides on job training on IPR for selected women candidates under this scheme at KSCST.

On the third day the session had an invited talk on “Genome Editing” by Dr. Basavaprabhu Patil L, Principal scientist, Division of Basic science (Biotech Unit) at ICAR-IIHR, Bangalore. He explained the development of virus resistant Transgenic Cassava and also about present plant virology, molecular biology, genome editing, RNA interference, double stranded RNA based disease control, host-pathogen interaction, virus induced gene silencing and editing researches.

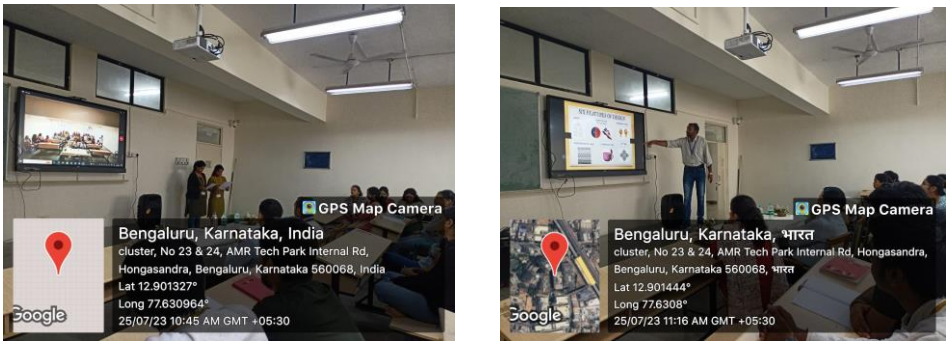
The fourth day Session resource person was Dr. Lipika who touched on the topic of “Patent drafting”, where the participants gained an in-depth knowledge of how to draft a patent , her talk included the topic as how every patent claim needs a preamble, which is the introductory phrase in a claim the resource person include examples from various domains not restricting to

biotechnology but also covered chemical technology, pharmaceutics, software programs and also integrated circuits. The participants could gather knowledge about claims in patents and highlighting the novelty of innovation,. The session was most fruitful as the session was very interactive in context of clearing doubts and queries.

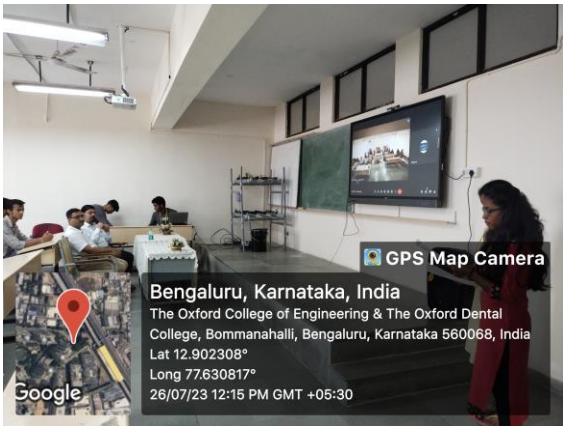
The fifth day session was taken over by Dr. Pavan Kumar T, his talk was on “Essentials of patent-structure and significance” where explanations of underlying patent law concepts that the specification is designed to address were detailed. At the end of his note were a section which guides applicants in checking a specification that we prepare on their behalf.

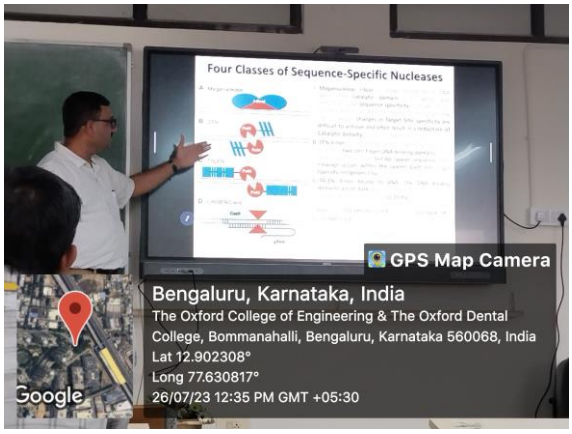
A panel of experts was invited on the dias to address the doubts and queries raised by the participants.

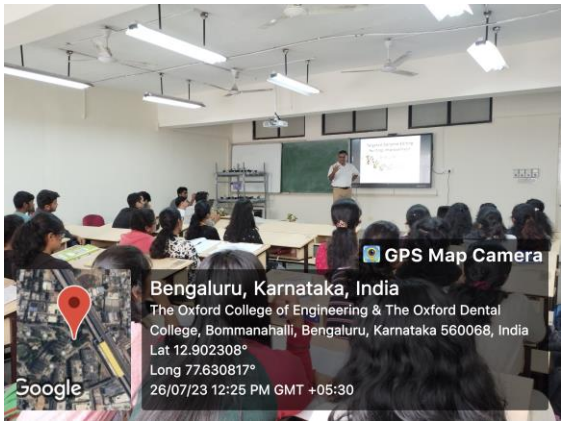
The workshop ended with valedictory function and the organizers, collected opinions and feedback from the participants. The workshop was successful in bringing awareness on patenting and the various opportunities available in Government policies to promote the innovation and patenting. It helped the participants in understanding the role of organizations like IMMT,KsSCST and VTPC in promoting the patent awareness. The participating faculty and students of The Oxford College of Engineering greatly benefited by the workshop and appreciated the effort for organizing such a informative, brain storming, educative sessions. On behalf of all participants, we express our deep gratitude to the collaborators for their kind support and we expect more such associated activities to spread awareness on Innovation and patenting in Academic Institutions.



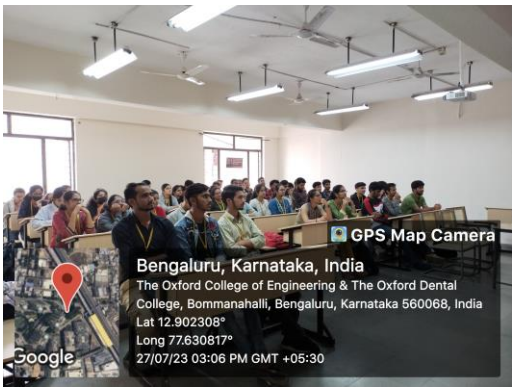
Lecture Session in blended mode by Mr. Nagarjuna, Project associate, KSCST

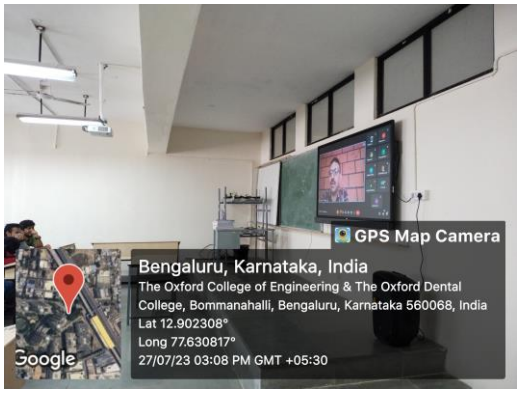






Guest Talk on Genome Editing By Dr. Basavaprabhu Patil, Scientist IIHR





Session in progress in a Blended Mode

Impact analysis and Outcome

The workshop organized with an intention to reach out to the academic community in bringing awareness and in depth understanding of IPR witnessed an overwhelming response from the participants. Over 130 registrations were obtained from various organizations both academic and non academics, and the participants were students from various streams of engineering sciences,

pharmaceutics, biotechnology etc, and faculties from professor cadre to readers and research scholars.

Active participation of around 106 participants was witnessed where the online session was attended and 84 participants attended both online & offline sessions.

The feedback collected saw a response where the skills & knowledge of the resource persons were well appreciated and organizing team received requests to organize more such programs. Many participants even preferred workshops on further advanced sessions. Owing to the highly positive response organizing committee is motivated and also plans to conduct hands on session in detail in the future.

Dr. Salma Kausar M.

(Coordinator)

Dr. B.K Manjunath

(HoD & Convener)

Dr. B.K MANJUNATHA
Professor & Head
Department of Biotechnology
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ATTENDANCE SHEET

Workshop on " KNOW YOUR INTELLECTUAL PROPERTY – SERIES-2"

Topic: Genome editing and Crisper Gene Technology Date: 26.07.2023

Resource Person: Dr. Basavaprabhu Patil L
Designation: Principal Scientist (Agriculture Biotechnology)
Place: IIHR, Bangalore

Sl. No	USN / Faculty ID	Name	Department	Signature
1	10X21BT014	Kavya Damodaran	BT	Kavya..
2	10X21BT002	B. BAVISHYA	BT	B.B
3	10X21BT006	C. K. Ashiga	BT	
4	10X21BT008	Drkshitha. K.S	BT	
5	10X21BT045	Sumha Kulsum	BT	Sumha
6.	10X21BT038	Seemone Khadri	BT	
7	10X21BT047	Swetha Raj. V	BT	
8	10X21BT043	Sirisha.M	BT	
9	10X21BT025	Navana R.L	BT	
10	10X21BT030	pravalika	BT	
11	10X21BT018	Isha Poojari	BT	
12	10X21BT012	HITAISHI. AN	BT	
13	10X21BT007	Dcekha Dinesh Gurav	BT	
14	10X21BT018	Madhu. G.S.	B.T	
15.	10X21BT016	Lavanya. S.M	BT	
16	10X21BT027	Pallavi. M	BT	
17	10X21BT051	Vedha Varshini. S	BT	
18.	10X21BT032	Paranika R	BT	
19	10X21BT041	Shravana GD	BT	
20	10X21BT022	Mythri. N	BT	
21.	10X21BT010	Shraarya. M C	BT	
22.	10X21BT034	Ruchitha K C	BT	Ruchitha. K.C
23	10X21BT039	Shalini Muyyanmai	BT	Shalini M
24	10X21BT033	Rakesh Kumar Mishra	BT	
25	10X21BT024	Nathuram I	BT	

Sl. No	USN/ Faculty ID	Name	Department	Signature
26	10X21BT026	Navaneeth.R	BT	Navaneeth
27	10X21BT004	Dhanush	BT	Dhanush
28	10X21BT036	Sainath	BT	Sainath
29	10X21BT001	Adithya.B.V	BT	Adithya.B.V
30	10X21BT037	Samith.G Nayak	BT	Samith.G Nayak
31	10X21BT050	Trinayan.V	BT	Trinayan.V
32	10X21BT023	Naik	BT	Naik
33	10X21BT005	C Manjunath	BT	C Manjunath

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ATTENDANCE SHEET

Workshop on " KNOW YOUR INTELLECTUAL PROPERTY – SERIES-2"

Topic: Industrial Design Protocol Date: 25.07.2023

Resource Person: Mr. Nagarjun. M. G
Designation: Project associate
Coordinator TISC, KSCST, KIRAN IPR Programme
Place: IISc, Bangalore

Sl. No	USN / Faculty ID	Name	Department	Signature
1	ENGG2180	Dr. Amulya. G	BT	
2.	ENGG2160	S. Mira Chares	BT	
3.	10X21BT034	Ruchitha K.C	BT	
4	10X21BT014	Kavya	BT	
5.	10X21BT042	Shrushti Mutalik	BT	
6.	10X21BT007	Deeksha Dinesh Gurav	BT	
7	10X21BT008	Dikshitha. K.S	BT	
8	10X21BT006	C. K. Ashiga	BT	
9	10X21BT045	Sumitha Kulsum	BT	
10	10X21BT038	Seemone Khadri	BT	
11	10X21BT047	Swetha Raj. V	BT	
12	10X21BT043	Sirisha. M	BT	
13	10X21BT046	Surechha	BT	
14	10X21BT052	Vyshnavi	BT	
15	10X21BT048	Thanushree M	BT	
16	10X21BT012	Hrishi - A.V	BT	
17	10X21BT013	Isha Poojari	BT	
18	10X21BT031	Pooja Kawali	BT	
19	10X21BT028	Pavithra	BT	
20	10X21BT018	Madhu. G.S.	BT	
21	10X21BT016	Lavanya. S.M.	BT.	

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DEPARTMENT OF BIOTECHNOLOGY

Certificate of Participation

This is to certify that

Dr Amulya G

has actively participated in the Workshop on " **Know your intellectual property – Series 2**" conducted by the Department of Electrical and Electronics Engineering, The Oxford College of Engineering, from 24th to 28th July 2023 .

Dr. B.K Manjunath
HOD

PRINCIPAL

Dr. B.K Manjunath
(HoD & Convener)
DR. B.K MANJUNATHA
Professor & Head
Department of Biotechnology
The Oxford College of Engineering
Bengaluru 560 068

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Date: 18-06-2024

CIRCULAR

A training program on **MS Office Skills Development Program** is organized on **19-06-2024** by Department of Electrical and Electronics Engineering, TOCE from 2 PM to 4.00 PM. The venue is 6th floor Seminar hall, New building.

All the non-teaching and technical staffs are informed to attend the same.

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Department of Electrical &Electronics Engineering

Organizing a

MS Office Skills Development Program

on

19-06-2024

by

Mrs Mary Anitha

Department of MCA

The Oxford College of Engineering

Venue :6th Floor Seminar Hall

Time :10AM

Chief Patron
Sri S.N.V.L Narasimha Raju
President
The Oxford Educational Institutions

Principal
Dr N Kannan
Principal
The Oxford College of Engineering

Convener
Dr Devi Vighneshwari B
HOD In charge/EEE
The Oxford College of Engineering

Prof. Nisha C Rani ,
Prof Resna S R
Department of EEE
The Oxford College of Engineering

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Report on MS Office Skills Development Program

Date: 19th June 2024
Organized By: Department of Electrical and Electronics Engineering (EEE)
Speaker: Ms. Mary Anitha, Faculty, Department of Master of Computer Applications (MCA)
Participants: Non-Teaching and Technical Staff of The Oxford College of Engineering (TOCE)

Introduction

The Department of Electrical and Electronics Engineering at The Oxford College of Engineering organized an MS Office Skills Development Program on the 19th of June, 2024. The program aimed to enhance the proficiency of non-teaching and technical staff in using MS Office tools, thereby improving their efficiency and productivity in day-to-day tasks.The training was given by Prof Mary Anitha ,MCA dept.

Objective

The primary objective of this program was to equip participants with practical knowledge and hands-on skills in using MS Office tools such as MS Word, MS Excel, and MS PowerPoint. These tools are critical for documentation, data management, and presentation tasks in their professional roles.

Program Details

The program was structured into interactive and practical sessions, ensuring active participation from the attendees. The key topics covered included:

1. **MS Word:**
    - Creating and formatting documents.
    - Working with templates and styles.
    - Using advanced features such as mail merge and track changes.
2. **MS Excel:**
    - Managing spreadsheets and data organization.
    - Using formulas, functions, and charts for data analysis.
    - Introduction to pivot tables and macros.
3. **MS PowerPoint:**
    - Designing impactful presentations.

- Using transitions, animations, and multimedia integration.
- Best practices for delivering presentations.

Outcomes

The participants gained significant insights into the effective use of MS Office tools. They actively engaged in hands-on exercises and addressed queries related to their daily operational challenges. The feedback received from attendees was overwhelmingly positive, highlighting the relevance and practicality of the topics covered. The MS Office Skills Development Program successfully achieved its goal of enhancing the technical capabilities of non-teaching and technical staff at TOCE. The Department of EEE extends its gratitude to Ms. Mary Anitha for her expertise and efforts in making the program impactful. 21 participants attended the program.

HOD/EEE

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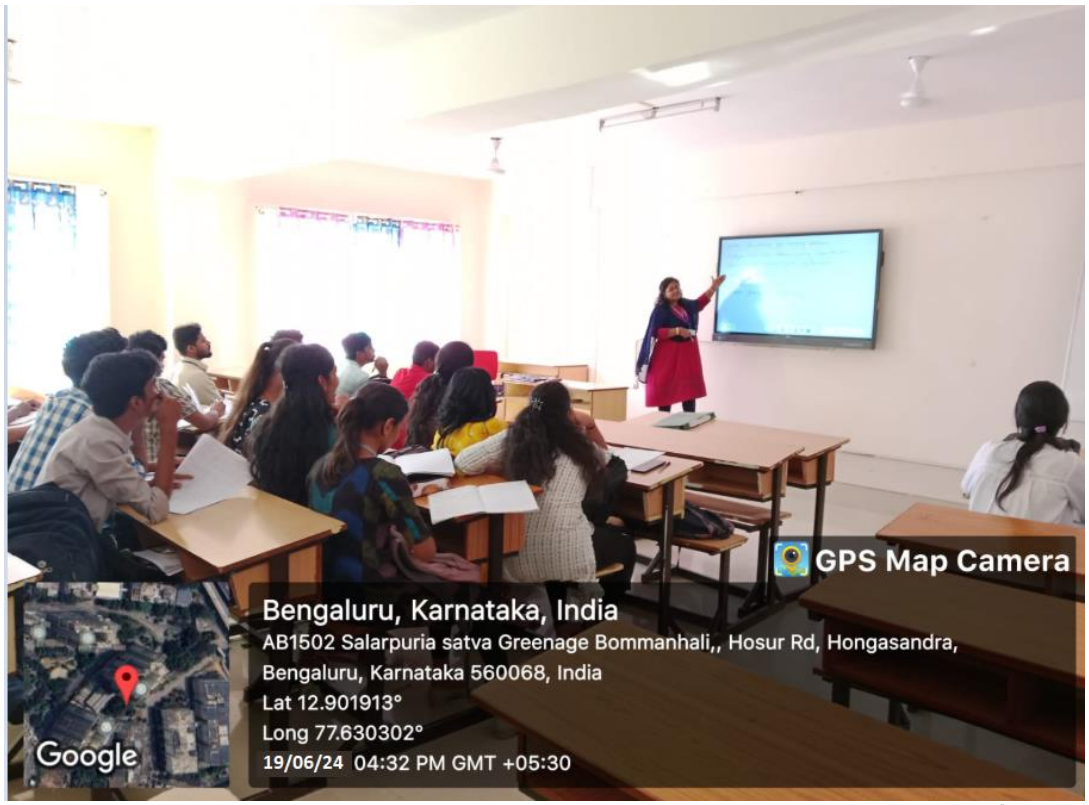

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MS Office Skills Development Program

Attendance list Date: 19.06.2024

Sl.NO	Name of the staff	Attendance
1.	Mr. Sathish Kumar	Present
2.	Ms. Meenatchi	Present
3.	Mr. Mohan B	Present
4.	Mr. Vittala	Present
5.	Mr. Santosh kumar	Present
6.	Mr. Chetan V	Present
7.	Mr. Sachin Kharte	Present
8.	Ms. Akshatha Muramatti	Present
9.	Ms. Nagajothi	Present
10.	Ms. Umme aiman S	Present
11.	Ms. Amutha Valli	Present
12.	Mr. Udaya Kumar M	Present
13.	Mr. Manjunath H S	Present
14.	Mr. Sudarshan M	Present
15.	Mr.Charan Kumar B A	Present
16.	Mr. Kiran J	Present
17.	Mr. Abhishek S	Present
18.	Mr. Sunil Kumara T	Present
19.	Ms. Aasha G	Present
20.	Ms. Ashwini N Muramatti	Present
21.	Mr. Shiva kumar G	Present

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Certificate of Participation

This is to certify that

Mr . Shiva kumar G

has actively participated in the Training Program on **MS Office Skills Development Program** conducted by the Department of Electrical and Electronics Engineering, The Oxford College of Engineering, on **19-06-2024.**

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Date: 06-05-2024

CIRCULAR

A training program on **Digital Literacy Training Program** is organized on **07-05-2024** by Department of Electrical and Electronics Engineering, TOCE from 10 AM to 12.00 PM. The venue is 6th floor Seminar hall, New building.

All the non-teaching and technical staffs are informed to attend the same.

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Hosur Road, Bommanahalli, Bangalore -560068

Department of Electrical &Electronics Engineering

Organizing

Digital Literacy Training Program

Dr Raju B R
Professor , Department of ME
The Oxford College of Engineering

Date
07-05-2024

Venue :6th Floor Seminar Hall
Time :10AM

Chief Patron	Principal	Convener	
Sri S.N.V.L Narasimha Raju President The Oxford Educational Institutions	Dr N Kannan Principal The Oxford College of Engineering	Dr Devi Vighneshwari B HOD In charge/EEE The Oxford College of Engineering	Prof. Nisha C Rani , Prof Resna S R Department of EEE The Oxford College of Engineering

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Report on Digital Literacy Training Program

Organized by the Department of Electrical & Electronics Engineering

Date: 7th May 2024
Dr. Raju B R, Professor, Department of Mechanical Engineering, TOCE

Objective of the Program:
The Digital Literacy Training Program was designed to equip non-teaching and technical staff with essential skills and knowledge to navigate the digital landscape effectively. The focus was on fostering a deeper understanding of digital tools, enhancing productivity, and promoting a culture of technological proficiency within the academic community.

Program Highlights:

1. **Introduction to Digital Literacy:**
    - Importance of digital literacy in modern academia and industry.
    - Overview of digital tools and platforms relevant to administrative and technical roles.
2. **Hands-On Sessions:**
    - Practical demonstrations on using digital tools for data management, communication, and collaboration.
    - Exercises on leveraging online resources and software for institutional and operational purposes.
3. **Cybersecurity Awareness:**
    - Guidelines on protecting personal and institutional data.
    - Best practices for secure online communication and transactions.
4. **Digital Inclusion:**
    - Emphasis on bridging the digital divide among non-teaching and technical staff.
    - Discussions on accessibility and inclusivity in digital environments.

Key Takeaways:

- Enhanced understanding of digital tools and their application in administrative and technical tasks.
- Awareness of digital safety and ethical practices.

The program witnessed enthusiastic participation from non-teaching and technical staff of The Oxford College of Engineering (TOCE).Participants expressed high levels of satisfaction, highlighting the program's relevance and the engaging delivery by Dr. Raju B R. Many attendees emphasized the usefulness of the hands-on sessions and requested similar programs in the future.

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Digital Literacy Training Program

Attendance list Date: 07.05.2024

Sl.NO	Name of the staff	Attendance
1.	Mr. Prasanna Kumar	Present
2.	Ms. Meenatchi	Present
3.	Mr. Mohan B	Present
4.	Mr. Vittala	Present
5.	Mr. Chetan V	Present
6.	Mr. Sachin Kharte	Present
7.	Ms. Akshatha Muramatti	Present
8.	Ms. Nagajothi	Present
9.	Ms. Umme aiman S	Present
10.	Ms. Amutha Valli	Present
11.	Mr. Udaya Kumar M	Present
12.	Ms. Uma Sivanantham	Present
13.	Ms. Shruthi D R	Present
14.	Mr. Manjunath H S	Present
15.	Mr. Kiran J	Present
16.	Mr. Abhishek S	Present
17.	Mr. Sunil Kumara T	Present
18.	Ms. Aasha G	Present
19.	Ms. Ashwini N Muramatti	Present
20.	Mr. Shiva kumar G	Present

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Certificate of Participation

This is to certify that

Mr . Shiva kumar G

has actively participated in the Training Program on **Digital Literacy Training Program** conducted by the Department of Electrical and Electronics Engineering, The Oxford College of Engineering, on **07-05-2024.**

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Certificate of Participation

This is to certify that

Ms . Ashwini N Muramatti

has actively participated in the Training Program on **Digital Literacy Training Program** conducted by the Department of Electrical and Electronics Engineering, The Oxford College of Engineering, on **07-05-2024.**

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Date: 11-12-2023

CIRCULAR

A training program on **Strengthening Communication Skills** is organized on **13-12-2023** by Department of Electrical and Electronics Engineering, TOCE from 10 AM to 12.00 PM. The venue is 6th floor Seminar hall, New building.

All the non-teaching and technical staffs are informed to attend the same.

Professor & Head EEE
The Oxford College of Engg
Bommanahalli, Hosur Road
Bangalore-560 068

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Hosur Road, Bommanahalli, Bangalore -560068

Department of Electrical &Electronics Engineering

Organizing a Training Program on

Strengthening Communication Skills

By

Dr. M Kathiravan
Department of MBA
The Oxford College of Engineering

Date
13-12-2023
Venue :6th Floor Seminar Hall
Time :10AM

Chief Patron	Principal	Convener	
Sri S.N.V.L Narasimha Raju President The Oxford Educational Institutions	Dr N Kannan Principal The Oxford College of Engineering	Dr. V S Bharath HOD/EEE The Oxford College of Engineering	Prof. Nisha C Rani , Prof Resna S R Department of EEE The Oxford College of Engineering

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Report on Strengthening Communication Skills

Report on the Training Program: ""
Date: 13th December 2023

Dr. M. Kathiravan, Professor, MBA Department

Objective

The training program aimed to enhance the communication skills of non-teaching and technical staff at TOCE, focusing on improving workplace communication, teamwork, and professional interactions.

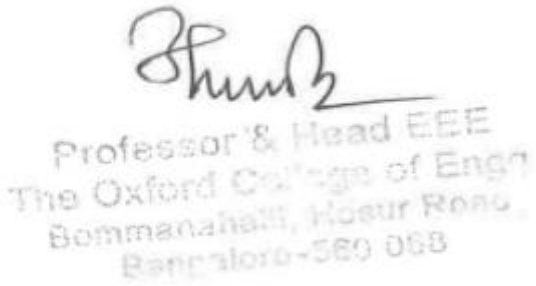
1. **Introduction and Objectives:**
   Dr. M. Kathiravan explained the importance of effective communication in professional environments.
2. **Interactive Session:**
   Participants engaged in role-playing and discussions to identify common communication barriers and strategies to overcome them.
3. **Skill-Building Activities:**
   Activities such as public speaking exercises, group discussions, and written communication tasks were conducted.
4. **Q&A and Feedback:**
   Participants shared their experiences and sought guidance on specific challenges they face in their roles.

The **"Strengthening Communication Skills"** training program was meticulously designed to address the unique communication challenges faced by non-teaching and technical staff in their daily professional roles. Dr. M. Kathiravan utilized a blend of theory and practical exercises to emphasize the role of communication in fostering collaboration, ensuring clarity in instructions, and resolving conflicts. The program was interactive and participant-driven, ensuring everyone had the opportunity to learn through experience and peer feedback. The session highlighted essential skills such as active listening, non-verbal communication, and crafting precise written messages, all tailored to the participants' work environment.20 participants attended.

Outcomes

1. Improved understanding of the importance of clear communication in day-to-day activities.

2. Enhanced confidence among participants to express their ideas effectively.
3. Strategies to handle workplace communication challenges were identified and practiced.



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Strengthening Communication Skills

Attendance list Date: 13.12.2023

Sl.NO	Name of the staff	Attendance
1.	Mr. Prasanna Kumar	Present
2.	Ms. Meenatchi	Present
3.	Mr. Mohan B	Present
4.	Mr. Vittala	Present
5.	Mr. Chetan V	Present
6.	Mr. Sachin Kharte	Present
7.	Ms. Akshatha Muramatti	Present
8.	Ms. Nagajothi	Present
9.	Ms. Umme aiman S	Present
10.	Ms. Amutha Valli	Present
11.	Mr. Udaya Kumar M	Present
12.	Ms. Uma Sivanantham	Present
13.	Ms. Shruthi D R	Present
14.	Mr. Manjunath H S	Present
15.	Mr. Kiran J	Present
16.	Mr. Abhishek S	Present
17.	Mr. Sunil Kumara T	Present
18.	Ms. Aasha G	Present
19.	Ms. Ashwini N Muramatti	Present
20.	Mr. Shiva kumar G	Present

Professor & Head EEE
The Oxford College of Engg
Bommanahalli, Hosur Road
Bangalore-560 068

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Certificate of Participation

This is to certify that
Mr. Manjunath H S
has actively participated in the Training Program on **Strengthening Communication Skills** conducted by the Department of Electrical and Electronics Engineering, The Oxford College of Engineering, on 13-12-2023.

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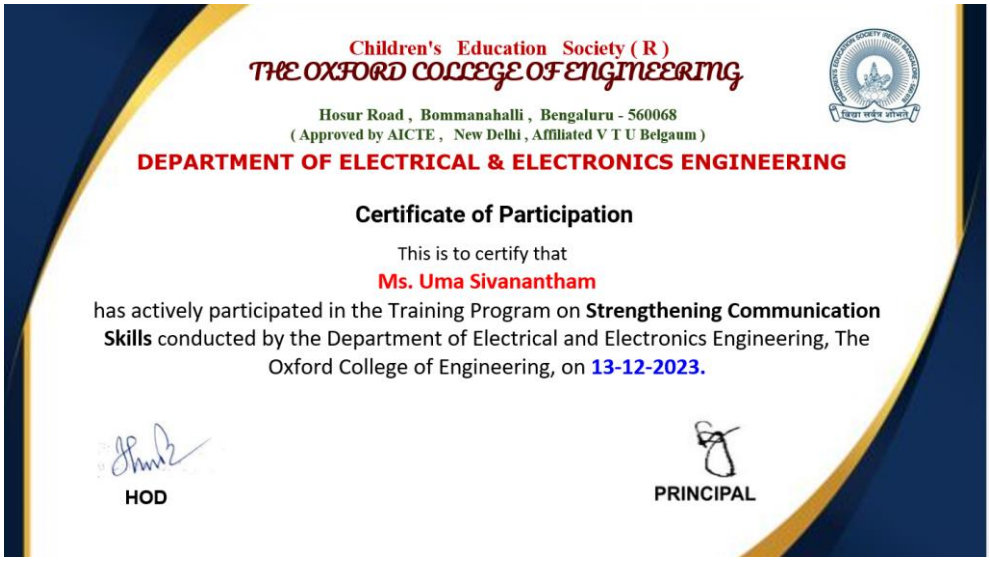

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Certificate of Participation

This is to certify that
Ms. Uma Sivanantham
has actively participated in the Training Program on **Strengthening Communication Skills** conducted by the Department of Electrical and Electronics Engineering, The Oxford College of Engineering, on 13-12-2023.

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Date: 27-11-2023

CIRCULAR

A training program on **Achieving Harmony: Balancing Professional and Personal Life** is organized from **28-11-2023** by Department of Electrical and Electronics Engineering, TOCE from 10 AM to 12.00 PM. The venue is N513, New building.

All the non-teaching and technical staffs are informed to attend the same.

Professor & Head EEE
The Oxford College of Engg
Bommanahalli, Hosur Road
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Department of Electrical &Electronics Engineering

Organizing a Training Program on

Achieving Harmony: Balancing Professional and Personal Life

on
28-11-2023
by
Dr Tharaka Rami Reddy

Professor /Dept. of MBA
The Oxford College of Engineering

Venue :N 513
Time :10AM

Chief Patron
Sri S.N.V.L Narasimha Raju
President
The Oxford Educational Institutions

Principal
Dr N Kannan
Principal
The Oxford College of Engineering

Convener
Dr. V S Bharath
HOD / EEE
The Oxford College of Engineering

Prof. Nisha C Rani ,
Prof Resna S R
Department of EEE
The Oxford College of Engineering

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Report on Achieving Harmony: Balancing Professional and Personal Life

Date : **28-11-2023**

The Oxford College of Engineering (TOCE) organized a special session titled **"Achieving Harmony: Balancing Professional and Personal Life"** on the 28th of November, 2023. The program was tailored for non-teaching and administrative staff to help them cultivate a healthy work-life balance and enhance their overall productivity and well-being.

Objective of the Session

The primary aim of the session was to shed light on practical strategies and techniques for maintaining equilibrium between professional responsibilities and personal commitments. By addressing common challenges faced by administrative and support staff, the session sought to empower attendees with tools to reduce stress and increase efficiency.

The session was led by **Dr. Tharaka Rami Reddy**, a renowned academic and professional mentor. As a Professor in the Department of MBA at TOCE, Dr. Reddy brought valuable insights and real-world examples to the discussion, making the session relatable and impactful.

Highlights of the Session

1. **Understanding Harmony:**
   - Dr. Reddy emphasized the importance of aligning personal goals with professional aspirations.
   - He discussed how maintaining a positive mindset can lead to better work-life integration.
2. **Time Management Techniques:**
   - Tips on prioritizing tasks and avoiding procrastination.
   - Strategies for effectively delegating work to reduce overload.
3. **Stress Management:**
   - Simple relaxation exercises for reducing workplace stress.
   - The role of hobbies and family time in rejuvenating the mind and body.
4. **Healthy Communication:**
   - How to foster open communication within teams to minimize misunderstandings.
   - Encouraging teamwork and collaboration for smoother workflows.
5. **Work-Life Boundaries:**

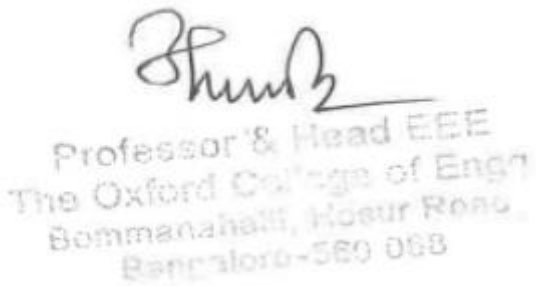
- Setting clear boundaries to separate work from personal life.
- The significance of disconnecting from work during personal hours.

Key Takeaways

- Balancing professional and personal life requires conscious effort and self-discipline.
- Adopting time management techniques and stress-relief practices can improve overall well-being.
- Open communication and teamwork play a crucial role in reducing workplace challenges.
- Investing time in personal growth and relationships is equally essential for a fulfilling life.

The participants appreciated the practical insights and engaging delivery by Dr. Reddy. Many expressed that the session provided them with actionable strategies to improve their work-life balance. The interactive nature of the program made it highly relatable and impactful.

The session on "Achieving Harmony: Balancing Professional and Personal Life" was a resounding success, leaving a lasting impression on the attendees. It reinforced TOCE's commitment to the holistic well-being of its staff, fostering a more supportive and productive work environment.He resolved the queries asked by the employees. Discussion Session was quite interesting & helpful to resolve many doubts of the participants. 22 participants attended the program.



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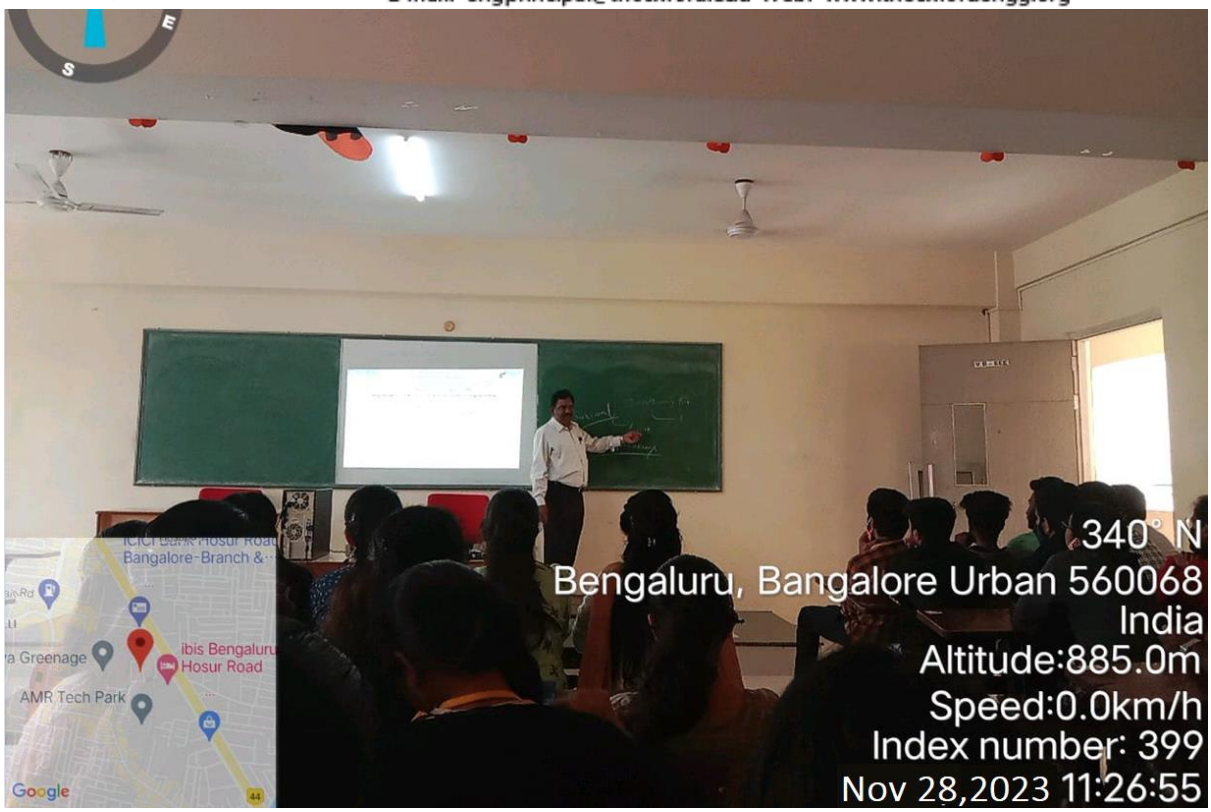

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Achieving Harmony: Balancing Professional and Personal Life

Attendance list Date: 28.11.2023

Sl.NO	Name of the staff	Attendance
1.	Ms. Amutha Valli	Present
2.	Mr. Udaya Kumar M	Present
3.	Mr. Ashwathachari	Present
4.	Mr. Madhu Sudana K	Present
5.	Mr. Velluri Ekambaram	Present
6.	Mr. Sathish Kumar	Present
7.	Mr. Prasanna Kumar	Present
8.	Ms. Meenatchi	Present
9.	Mr. Mohan B	Present
10.	Mr. Vittala	Present
11.	Mr. Santosh kumar	Present
12.	Mr. Chetan V	Present
13.	Mr. Sachin Kharte	Present
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19.	Mr. Manjunath H S	Present
20.	Ms. Aasha G	Present
21.	Ms. Ashwini N Muramatti	Present
22.	Mr. Shiva kumar G	Present

Professor & Head EEE
The Oxford College of Engg
Bommanahalli, Hosur Road
Bangalore-560 068

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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Certificate of Participation

This is to certify that

Mrs Amuthavalli

has actively participated in the Training Program on **Achieving Harmony: Balancing Professional and Personal Life** conducted by the Department of Electrical and Electronics Engineering, The Oxford College of Engineering, on **28-11-2023.**

HOD

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Date: 28-08-2023

CIRCULAR

A training program on **Effective Leadership skills** is organized on **30-08-2023** by Department of Electrical and Electronics Engineering, TOCE from 10 AM to 12.00 PM. The venue is 6th floor seminar hall , New building.

All the non-teaching and technical staffs are informed to attend the same.

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Hosur Road, Bommanahalli, Bangalore -560068

Department of Electrical &Electronics Engineering

Organizing a Training Program on

Effective Leadership skills

on
30-08-2023
by
Prof Liya Wilson K

Dept. of MCA
The Oxford College of Engineering

Venue :6th Floor Seminar Hall
Time :10AM

Chief Patron	Principal	Convener	
Sri S.N.V.L Narasimha Raju President The Oxford Educational Institutions	Dr N Kannan Principal The Oxford College of Engineering	Dr . V S Bharath HOD/EEE The Oxford College of Engineering	Prof. Nisha C Rani , Prof Resna S R Department of EEE The Oxford College of Engineering

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Report on Effective Leadership Skills Program

Date: 30th August 2023

The Department of Electrical and Electronics Engineering at TOCE organized a one-day training program on "Effective Leadership Skills" on 30th August 2023. The program was designed to empower non-teaching and technical staff with leadership skills to improve workplace efficiency and collaboration.

Objective of the Program: The primary objective of the training was to provide participants with insights into leadership principles and practical techniques to enhance their professional roles. Key focus areas included communication, decision-making, teamwork, and conflict resolution.

About the Speaker: The session was conducted by Mrs. Liya Wilson, an Assistant Professor from the Department of MCA. Known for her dynamic and engaging teaching approach, She brought valuable insights into leadership development, making the session highly interactive and practical.

Program Highlights:

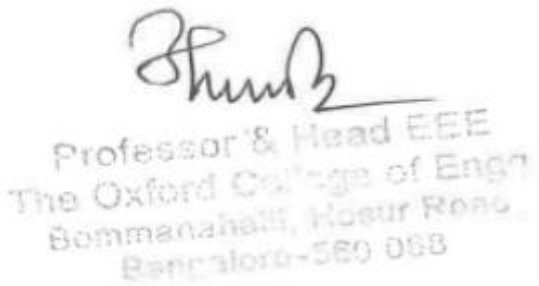
1. **Opening Remarks:**
   - The program began with a welcome address by the Head of the EEE Department, emphasizing the significance of leadership skills in personal and professional growth.
2. **Session Content:**
   - Understanding the fundamentals of leadership.
   - Building effective communication and active listening skills.
   - Strategies for decision-making and problem-solving.
   - Importance of teamwork and fostering collaboration.
   - Techniques for resolving workplace conflicts.

Key Takeaways:

- Improved understanding of core leadership principles.
- Enhanced ability to communicate effectively and build trust.
- Practical strategies for conflict resolution and team management.
- Increased confidence in taking on leadership roles within their respective domains.

Outcomes:

- **Increased Leadership Awareness:** Participants reported a greater awareness of their leadership potential and responsibilities.
- **Practical Application:** Many attendees expressed their intention to apply the skills learned in their daily tasks and team interactions.
- **Empowerment:** The program instilled a sense of confidence and motivation among non-teaching staff to take proactive roles in their workplace.



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Effective Leadership skills

Attendance list Date: 30.08.2023

Sl.NO	Name of the staff	Attendance
1.	Ms. Amutha Valli	Present
2.	Mr. Udaya Kumar M	Present
3.	Mr. Ashwathachari	Present
4.	Mr. Madhu Sudana K	Present
5.	Mr. Velluri Ekambaram	Present
6.	Mr. Sathish Kumar	Present
7.	Mr. Prasanna Kumar	Present
8.	Ms. Meenatchi	Present
9.	Mr. Mohan B	Present
10.	Mr. Vittala	Present
11.	Mr. Santosh kumar	Present
12.	Mr. Chetan V	Present
13.	Mr. Sachin Kharte	Present
14.	Ms. Akshatha Muramatti	Present
15.	Ms. Nagajothi	Present
16.	Ms. Umme aiman S	Present
17.	Ms. Uma Sivanantham	Present
18.	Ms. Shruthi D R	Present
19.	Mr. Manjunath H S	Present
20.	Ms. Aasha G	Present
21.	Ms. Ashwini N Muramatti	Present
22.	Mr. Shiva kumar G	Present
23.	Dr Ravi	Present
24.	Mr Ekambaram	Present
25.	Mr Sathish Kumar	Present

Professor & Head EEE
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DEPARTMENT OF ELECTRICAL & ELECTRONICS ENGINEERING

Certificate of Participation

This is to certify that

Mrs Amuthavalli

has actively participated in the Training Program on **Effective Leadership Skills** conducted by the Department of Electrical and Electronics Engineering, The Oxford College of Engineering, on **30-08-2023.**

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Date: 25-08-2023

CIRCULAR

A training program on **Financial Literacy Program** is organized from **28-08-2023** by Department of Electrical and Electronics Engineering, TOCE from 10 AM to 12.00 PM. The venue is 6th floor seminar hall , New building.

All the non-teaching and technical staffs are informed to attend the same.

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Hosur Road, Bommanahalli, Bangalore -560068

Department of Electrical &Electronics Engineering

Organizing

Financial Literacy Program

Mrs Mridula Shukla
Department of MCA
The Oxford College of Engineering

Date
28-08-2023

Venue :6th Floor Seminar Hall
Time :10AM

Chief Patron	Principal	Convener	
Sri S.N.V.L Narasimha Raju President The Oxford Educational Institutions	Dr N Kannan Principal The Oxford College of Engineering	Dr. V S Bharath HOD /EEE The Oxford College of Engineering	Prof. Nisha C Rani , Prof Resna S R Department of EEE The Oxford College of Engineering

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Report on Financial Literacy Program

Date: 28th August 2023
The Department of Electrical and Electronics Engineering at TOCE organized a one-day training program on "Financial Literacy" on 28th August 2023. The program aimed to enhance the financial awareness of non-teaching and technical staff, empowering them to make informed decisions regarding their personal finances.

Objective of the Program:

The primary objective of the training was to provide the participants with essential knowledge and skills to manage their finances effectively. Topics covered included budgeting, saving, investing, understanding credit, and planning for retirement.

About the Speaker: The session was conducted by Mrs. Mridula Shukla, an experienced Assistant Professor from the Department of MCA. With her deep understanding of financial management concepts and her approachable teaching style, Mrs. Mridula Shukla successfully engaged the participants throughout the program.

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1. **Session Content:**
    - Basics of personal finance and its significance.
    - Creating and maintaining a monthly budget.
    - Strategies for effective saving and investment.
    - Awareness about different types of loans and managing credit effectively.
    - Importance of financial planning for short-term and long-term goals.
2. **Interactive Activities:**
    - Participants were involved in hands-on activities like creating sample budgets and analyzing case studies.
    - Open Q&A session where Mrs. Mridula Shukla addressed individual queries and provided tailored advice.
3. **Feedback and Discussions:**
    - Participants shared their learning experiences and appreciated the session for its practical insights.

Key Takeaways:

- Participants gained clarity on managing their finances efficiently.
- Enhanced understanding of investment opportunities and their associated risks.
- Awareness of the importance of planning for unforeseen expenses and retirement.

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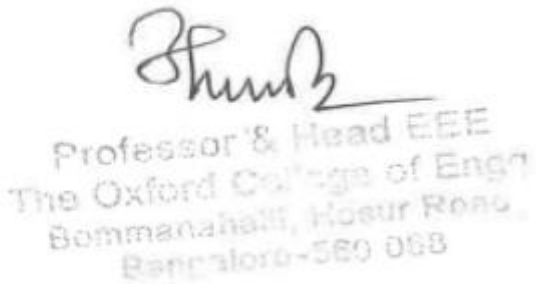

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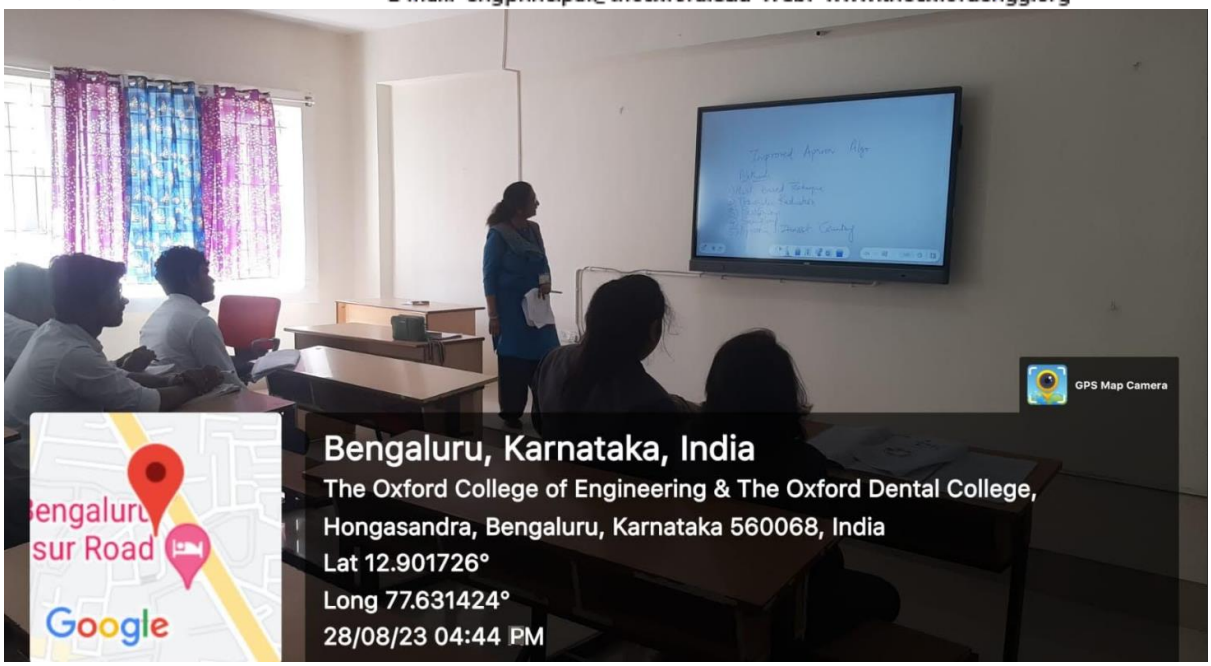

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Financial Literacy Program

Attendance list Date: 28.08.2023

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1.	Ms. Amutha Valli	Present
2.	Mr. Udaya Kumar M	Present
3.	Mr. Ashwathachari	Present
4.	Mr. Madhu Sudana K	Present
5.	Mr. Velluri Ekambaram	Present
6.	Mr. Sathish Kumar	Present
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21.	Ms. Ashwini N Muramatti	Present
22.	Mr. Shiva kumar G	Present
23.	Dr Ravi	Present

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