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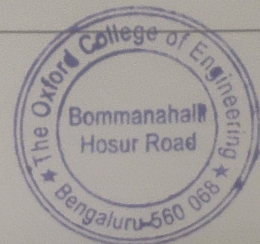
Accredited by NBA, New Delhi, NAAC 'A' Grade with score of 3.24 & Diamond Rating by QS I Guage)

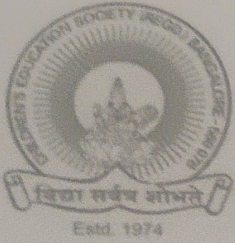
Bommanahalli, Hosur Road, Bangalore – 560068. ☎: 080 -61754601/602

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

Number of Workshop/Seminar conducted on IPR/ Innovations/ Entrepreneurship : 2023 -2024

S.NO	Particulars
1	Expert Talk on "Bio Ethics, Bio safety and IPR"
2	Expert talk on "Entrepreneurship opportunities & Higher Education in Biotechnology"
3	Expert talk on "entrepreneurship opportunities in IPR"
4	Expert talk on by successful entrepreneur/start-up founder startup journey of syn bioworks.
5	Expert talk on "innovative ideas for prototype conversion from trl 4 – trl 9"
6	Workshop on "Intellectual Property Rights (iprs) and IP Management for Start Up"
7	Panel Discussion on Entrepreneurship Opportunities for Agri Products
8	Expert Talk on world intellectual property day
9	Expert Talk on "Entrepreneurship Opportunities in Sericulture byproduct utilization"
10	Trending Software Robot in Structural Engineering Field and its prospects in Future
11	"Entrepreneurship and Start-up opportunities in the field of Sensor Technology"- Industrial Visit
12	Entrepreneurship and Start-up opportunities in the field of AIML –Industrial Visit
13	"Entrepreneurship opportunities in the field of industry 4.0"
14	Workshop on "Entrepreneurship opportunities through Wire Shark and Network Simulator -2"
15	Entrepreneurship & Career Opportunities for Civil Engineers in IT Field
16	"Entrepreneurship and Career Opportunities in Construction Management"





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Number of Workshop/Seminar conducted on IPR/ Innovations/Entrepreneurship :

2023 -2024

S.NO	Particulars
17	“Intellectual Property Rights (IPR) & Start-ups Echo System”
18	“Intellectual Property Rights (IPR) & Start-ups Echo System
19	My Story - Motivational Session by Successful Entrepreneur/Start-up founder
20	Workshop on “Intellectual Property Rights (IPRs) and IP Management for Start Up”
21	Expert Talk on Entrepreneurship and IPR
22	Expert Talk on Bio Innovation and Start up
23	Entrepreneurship and Career Opportunities in Construction Management
24	WORKSHOP ON Prototype /Process Design and Development”
25	Workshop on “Career opportunities through c# and design principles”

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Bengaluru-560 068



**3.2.2 . Number of Workshop/Seminar conducted on IPR/ Innovations/Entreprunership :
2023 -2024**

S.N O	Particulars
1	Expert Talk on "Bio Ethics,Bio safety and IPR"
2	EXPERT TALK ON “ENTREPRENEURSHIP OPPORTUNITIES & HIGHER EDUCATION IN BIOTECHNOLOGY”
3	Expert talk on “entrepreneurship opportunities in IPR
4	Expert talk on by successful entrepreneur/start-up founder startup journey of synbioworks
5	Expert talk on “innovative ideas for prototype conversion from trl 4 – trl 9”
6	Workshop on “Intellectual Property Rights (IPRs) and IP Management for Start Up”
7	Panel Discussion on Entrepreneurship Opportunities for Agri Products
8	Expert Talk on WORLD INTELLECTUAL PROPERTY DAY
9	Expert Talk on "Entrepreneurship Opportunities in Sericulture byproduct utilization
10	Trending Software Robot in Structural Engineering Field and its prospects in Future
11	“Entrepreneurship and Start-up opportunities in the field of Sensor Technology”- Industrial Visit
12	Entrepreneurship and Start-up opportunities in the field of AIML –Industrial Visit
13	“Entrepreneurship opportunities in the field of industry 4.0”
14	Workshop on “Entrepreneurship opportunities through Wire Shark and Network Simulator -2”
15	Entrepreneurship & Career Opportunities for Civil Engineers in IT Field
16	“Entrepreneurship and Career Opportunities in Construction Management”



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3.2.2 . Number of Workshop/Seminar conducted on IPR/ Innovations/Entreprunership :
2023 -2024
Reports

S.NO	Particulars
17	“Intellectual Property Rights (IPR) & Start-ups Echo System”
18	“Intellectual Property Rights (IPR) & Start-ups Echo System”
19	My Story - Motivational Session by Successful Entrepreneur/Start-up founder
20	Workshop on “Intellectual Property Rights (IPRs) and IP Management for Start Up”
21	Expert Talk on Entrepreneurship and IPR
22	Expert Talk on Bio Innovation and Start up
23	Entrepreneurship and Career Opportunities in Construction Management
24	WORKSHOP ON Prototype /Process Design and Development"
25	WORKSHOP ON “CAREER OPPORTUNITIES THROUGH C# AND DESIGN PRINCIPLES”



THE OXFORD
COLLEGE OF ENGINEERING
BENGALURU, INDIA



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

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**EXPERT TALK ON “ENTREPRENEURSHIP OPPORTUNITIES & HIGHER
EDUCATION IN BIOTECHNOLOGY”**

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DEPARTMENT OF BIOTECHNOLOGY
IN ASSOCIATION WITH IIC
Organizes Expert Alumni Lecture Series
on
**Entrepreneurship Opportunities & Higher
Education in Biotechnology**

Ms. Inchara V
Scientist (Assay Development), Achira
Labs Pvt Ltd

Ms. Arpita K
DAAD Doctoral fellow at Institute for
stroke and dementia, LMU, Germany

Date: 13th July 2024
Time: 10:00 AM
Venue: Digital Classroom, BT dept.

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IIC Coordinator
Prof. P Tamizharasi
Asst. Prof
Dept of BT

The Oxford college of Engineering, Bangalore- Institution Innovation Council in association with the Department of Biotechnology, TOCE organized a Expert Talk on “ENTREPRENEURSHIP OPPORTUNITIES & HIGHER EDUCATION IN BIOTECHNOLOGY” on 13th July 2024 from 10.00 A.M in the Department of Biotechnology. The Resource person was Ms. Inchara V, Scientist (Assay Development), Achira Labs Pvt Ltd. Ms. Arpita K, DAAD Doctoral fellow at Institute for stroke and dementia. LMU, Germany

OBJECTIVES:

- To encourage participants to develop an action plan for their entrepreneurial journey in biotechnology.
- To provide a well-rounded understanding of the intersection between entrepreneurship and higher education in biotechnology.
- To highlight the potential entrepreneurship opportunities within the biotechnology sector.
- To emphasize the need for an interdisciplinary approach combining biotechnology with other fields like business, engineering, and computer science.

The Department of Biotechnology, TOCE organized a Expert Talk on “Entrepreneurship Opportunities & Higher Education in Biotechnology” on 13th July 2024 from 10.00 A.M in the Department of Biotechnology.

This session provided an overview of how biotechnology, a field ripe with innovation, offers a wealth of entrepreneurship opportunities spanning pharmaceutical development, medical devices, agricultural biotech, and industrial applications. Entrepreneurs can drive groundbreaking advancements in drug discovery, personalized medicine, and sustainable farming, leveraging cutting-edge technologies to address global challenges. Higher education in biotechnology is crucial, as it equips aspiring entrepreneurs and professionals with the essential knowledge and skills needed to lead and innovate within this dynamic field.

Speakers discussed how higher education in biotechnology provides the essential foundation for these innovations, equipping students with critical knowledge in molecular biology, bioinformatics, and bioprocess engineering. By fostering a deep understanding of both the scientific and business aspects, higher education empowers future leaders to innovate and transform the biotechnology landscape, creating solutions that enhance health, agriculture, and the environment.

OUTCOME:

- The outcomes of entrepreneurship opportunities and higher education in biotechnology are intertwined with innovation. By fostering a culture of creativity and collaboration, higher education institutions enable the next generation of entrepreneurs to develop innovative solutions that address critical global challenges.

- As the biotech industry continues to grow, the synergy between entrepreneurship and education will remain vital for driving progress and innovation in this transformative field.
- Higher education institutions are instrumental in nurturing innovative biotech startups. By offering students a strong foundation in scientific principles and business skills, they prepare future entrepreneurs to create groundbreaking biotechnological solutions that tackle global challenges like health crises and food security.



Glimpses of Workshop

Recording Link: <https://youtu.be/ZX7ER49qjWw>

Facebook:

[https://www.facebook.com/photo/?fbid=505420472010001&set=a.177418398143545&_cft_\[0\]=AZV5Ta9LrF44-9w8AJ56uKWdSRJwRwN3M19exfae6xiMoLRC-EWBxUZwLdpHF9_AQwYG7sB3mB57AbHmHMwxf-uuLgBwyYIFS3O829PO2VDJDEKUK17okzjg_wRwjv7zu9ayWafyYejq_TY-g0OzPCYsI6ZerZRGPCuXD_9Ui9_5Q&_tn_=EH-R](https://www.facebook.com/photo/?fbid=505420472010001&set=a.177418398143545&_cft_[0]=AZV5Ta9LrF44-9w8AJ56uKWdSRJwRwN3M19exfae6xiMoLRC-EWBxUZwLdpHF9_AQwYG7sB3mB57AbHmHMwxf-uuLgBwyYIFS3O829PO2VDJDEKUK17okzjg_wRwjv7zu9ayWafyYejq_TY-g0OzPCYsI6ZerZRGPCuXD_9Ui9_5Q&_tn_=EH-R)

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EXPERT TALK ON “BIOETHICS, BIOSAFETY AND IPR”



The poster features a background with a DNA double helix and a globe. It includes logos for The Oxford College of Engineering, Institution's Innovation Council, and Bioforum. The text is centered and uses various colors (red, green, blue) for emphasis.

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Department of Biotechnology
In Association With
Institutions Innovation Council (IIC) and Bioforum
Presents

Expert talk on
“BIOETHICS, BIOSAFETY AND IPR”

RESOURCE PERSON
DR. RAMGOPAL RAO S
Senior Academic Manager,
Biocon Academy, Bangalore

Date: 25th November, 2023
Time: 10.30 A.M to 11.30 AM
Venue: Digital Classroom, BT Department

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IIC CONVENOR Dr. C Manjula Professor & Head, Dept. Of MT	IIC COORDINATOR Dr. Indulekha John Assistant Professor, Dept. of BT	FACULTY COORDINATOR Dr. Valarmathy K Associate Professor, Dept. of BT

The Oxford college of Engineering, Bangalore- Institution Innovation Council in association with the Department of Biotechnology, TOCE organized an expert talk on “Bioethics, biosafety, and intellectual property rights (IPR)” 25th November 2023 from 10.30 A. M to 11.30 A.M in the department of Biotechnology.

The resource person was Dr. Ramgopal Rao S, senior academic manager at Biocon academy, Bangalore. He has 24 Years experience into Biotechnology as Teacher, Researcher, Trainer & Career Mentor having strong liaising relationship with Biotech/Biopharma/Pharma Industry, Universities & HEI's. He managed advanced Skill Development Training Programs - “BITS – Biocon Certificate Program in Applied Industrial Microbiology”, "Biocon Ramaiah Certificate Program in Quality Control Analytical" & "Biocon JSS AHER Certificate Program in Global Regulatory Affairs" providing Industrial Training platform &

Job opportunities Liaising with Biotech/Bio Pharma/Bio-services/CRO/CRAMs to bring employment opportunities to trained talent of Biocon Academy. He also manages Biocon Academy "Faculty Development Program" to train Life Sciences Teaching Faculty in Biocon Academy in association with Biocon & Biocon Biologics. He established Biotechnology Lab facilities, IBSC & worked as Member Secretary. He has published Research Papers in peer reviewed journals, delivered invited talks & presented conference papers. He had guided 4 PhD students in Biotechnology.

OBJECTIVES:

- To increase awareness and understanding of bioethics, biosafety, and intellectual property rights among the students
- To emphasize the importance of responsible conduct in bio-research and innovation, taking into account the potential societal, environmental, and ethical implications.
- To delve into the intellectual property rights landscape in biotechnology and life sciences, addressing issues such as patenting genes, genetic sequences, and the ethical implications of patenting living organisms.
- To generate discussion and propose policy recommendations that promote ethical research practices, ensure biosafety, and strike a balance between protecting intellectual property and facilitating scientific progress for the benefit of society.

The Department of Biotechnology, TOCE organized an expert talk on “bioethics, biosafety, and intellectual property rights (IPR)” 25th November 2023 from 10.30 A. M to 11.30 A.M in the department of Biotechnology. The distinguished speaker for the event was Dr. Ramgopal Rao S, senior academic manager at Biocon academy, Bangalore. Dr. Rao commenced the session by elucidating the fundamental principles of bioethics, emphasizing the need for ethical considerations in all aspects of life sciences and biotechnology. He underscored the ethical responsibilities that accompany advancements in these fields, urging the audience to prioritize moral and societal implications alongside scientific progress. Biosafety was the subsequent focal point of the discussion. Dr. Rao delved into the critical importance of implementing robust biosafety measures to prevent accidental or intentional release of biohazardous materials. He highlighted international guidelines and standards, emphasizing the collective responsibility of the scientific community in ensuring the safe conduct of experiments and research involving potentially harmful biological agents.



Glimpses of the Talk

Intellectual Property Rights (IPR) took center stage in the latter part of the talk. Dr. Rao expounded on the significance of protecting intellectual creations in the realm of life sciences. He provided insights into the evolving landscape of IPR in biotechnology, discussing patenting strategies, challenges, and the delicate balance between fostering innovation and ensuring equitable access to scientific knowledge. Dr. Rao emphasized the need for a strong ethical foundation in biotechnological advancements, advocating for responsible research practices that consider the broader societal impact. The speaker underscored the imperative of stringent biosafety measures to mitigate risks associated with handling biohazardous materials. Dr. Rao urged adherence to global biosafety standards and emphasized the role of education in fostering a culture of safety. In the context of life sciences, Dr. Rao shed light on the complexities of IPR, highlighting the importance of striking a balance between incentivizing innovation through patents and ensuring access to essential scientific knowledge. Throughout the talk, Dr. Rao emphasized the necessity of global collaboration in addressing bioethical issues, implementing biosafety standards, and navigating the complexities of intellectual property rights.

60 students and 7 faculties participated in the workshop and made the event successful.

OUTCOME:

The main agenda of the talk was to make the students understand the ethical considerations, biosafety measures, and IPR issues in the field of biotechnology and life sciences. Students and faculty gained valuable insights into the ethical considerations surrounding biotechnological advancements, the imperative of biosafety measures, and the evolving landscape of intellectual property rights in the life sciences. The talk underscored the interconnectedness of these domains and the need for a holistic approach to navigate the ethical and safety challenges posed by rapid advancements in biotechnology.

Facebook link: <https://t.ly/v2eqb>

Recording link: <https://www.youtube.com/watch?v=4ECS9f6WqtI>

LinkedIn: <https://t.ly/7-7sF>

Instagram: <https://t.ly/-IHS5>

Youtube: <https://www.youtube.com/watch?v=4ECS9f6WqtI>


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HoD


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Expert Lecture Topic: Bioethics, Biosafety and IPR
Date: 25/11/2023

ATTENDANCE SHEET

Sln	Name	USN	Signature	Sln	Name	USN	Signature
1.	Debosmita Banerjee	10X22BT		30.	Chandana M	10X20BT005	
2.				31.	pavana B M	10X20BT015	
3.				32.	sahana	10X20BT020	
4.	Zs. Amulya G	ENGG2180		33.	Aipta	10X20BT003	
5.	P. Tamishareshi	ENGG2195		34.	Supradha N	10X20BT029	
6.	Debosmita Banerjee	10X22BT009		35.	Vivekitha S	10X20BT033	
7.	Anjali M	10X22BT005		36.	madhusheer	10X20BT010	
8.	Krutika S	10X22BT013		37.	Jhanushree M	10X21BT048	
9.	Sathvika CH	10X22BT026		38.	Navana R L	10X21BT025	
10.	Harshitha S.	10X22BT010		39.	Pravathina	10X21BT030	
11.	Bhavya Ke	10X22BT011		40.	Vishnavi P	10X21BT052	
12.	Nishu M	10X22BT021		41.	Bhavaneshwari	10X21BT003	
13.	Kiruti B. Kampana	10X22BT019		42.	Suvekha Mandal	10X21BT046	
14.	Yagathi S	10X22BT022		43.	Palva S K	10X21BT021	
15.	Arjun G Gondkar	10X22BT027		44.	Sumha Kulsum	10X21BT025	
16.	Ramya M	10X22BT024		45.	MOULYA SHREE S	10X21BT021	
17.	Ramya T M	10X22BT025		46.	RUCHITHA K C	10X21BT034	
18.	Ashinayami M	10X22BT002		47.	Adithya B Y	10X21BT001	
19.	Aparna D P	10X22BT006		48.	Manjusha	10X21BT005	
20.	Shakuntala D N	10X22BT028		49.	Samitha Nayak	10X21BT037	
21.	Tarunya Lakshmi	10X20BT030		50.	Mihis	10X22BT017	
22.	Aradhana S L	10X20BT017		51.	Madhusudhan	10X22BT007	
23.	Somnath	10X20BT028		52.	Ashinay V B	10X22BT001	
24.	Geetha	10X20BT013		53.	Nirupadi	10X22BT020	
25.	Deepika	10X20BT007		54.	Ajith	10X22BT009	
26.	Kavya	10X21BT016		55.	RAKESH	10X20BT018	
27.	Ayushan	10X20BT023		56.	SHANTANALLA B	10X20BT020	
28.				57.	NANDISH PATEL	10X20BT014	
29.	Amritha M A	10X20BT002		58.	SUKSHIN	10X20BT021	
				59.	Gireeshma N	10X20BT009	
				60.	Deeksha R	10X20BT006	
				61.	Vibha J	10X20BT032	
				62.	Shreya	10X20BT026	
				63.	Sibhagit	10X21BT350	
				64.	Abhishek	10X20BT001	
				65.	Yathesh Kumar	10X20BT034	



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EXPERT TALK ON “ENTREPRENEURSHIP OPPORTUNITIES IN IPR”



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Department of Biotechnology

in Association With

Institutions Innovation Council (IIC)

ORGANIZING

Expert Talk on

“Entrepreneurship Opportunities in IPR”

On 28th March 2024 @ 01:30 pm

By

Dr. Mary Mangaiyarkarasi M.S

IP Consultant

Bangalore Bio Innovation Centre, Bangalore

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Department of AIML

IIC COORDINATOR

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Assistant Professor
Department of Biotechnology

FACULTY COORDINATORS

Dr. Amulya G and Prof. Ramya K
Assistant Professor
Department of Biotechnology

The Oxford college of Engineering, Bangalore- Institution Innovation Council in association with the Department of Biotechnology, TOCE organized an Expert Talk on “ENTREPRENEURSHIP OPPORTUNITIES IN IPR” on 28th March 2024 from 01.30 P.M in the Department of Biotechnology.

The Resource person was Dr. Mary Mangaiyarkarasi M.S is currently working as IP Officer in Bangalore Bioinnovation Centre. She is a qualified Patent Agent. Her job responsibilities include facilitating IP filings, prior art search & FTO search, consultation on patentability of their inventions and Response to FER and Transfer of Technology to startups/ academic and research institutes. She underwent training in Transfer of Technology under “Technology Transfer and Commercialization Training – 2019” by National Biopharma Mission, BIRAC. She recently

coordinated successfully Elevate Women Acceleration Programme by Govt of Karnataka. She underwent training in IPR through the Women Scientist 'C' programme under WOSC – DST programme, Govt. of India for one year. She also has a short teaching experience at Prof. Dhanapalan College of Women, Kelambakkam, Tamilnadu. She completed her doctorate at Loyola College, Chennai in a collaborative project with Indira Gandhi Center for Atomic Research, Kalpakkam in the field of Environmental Microbiology. She holds a Diploma in Patent Law from NALSAR University and is UGC-NET qualified in Environmental Sciences.

OBJECTIVES:

- To raise awareness about the significance of Intellectual Property (IP) in entrepreneurship, including patents, trademarks, copyrights, and trade secrets.
- To empower entrepreneurs with knowledge about different types of IP protection available to them and how to leverage these rights to safeguard their inventions, brands, and creative works.
- Facilitate networking opportunities for entrepreneurs to connect with IP experts, legal professionals, investors, and fellow entrepreneurs.
- Foster a culture of innovation and entrepreneurship within the community by highlighting the role of IP in incentivizing and rewarding innovation.

The Department of Biotechnology, TOCE organized an Expert Talk on “ENTREPRENEURSHIP OPPORTUNITIES IN IPR” on 28th March 2024 from 01.30 P.M in the Department of Biotechnology. The expert talk illuminated the dynamic intersection between entrepreneurship and Intellectual Property Rights (IPR), showcasing the myriad opportunities that emerge when innovative ideas meet strategic protection. By delving into the landscape of IPR, this session aims to inspire, educate, and equip aspiring entrepreneurs with the tools and insights necessary to navigate the intricate world of intellectual property and leverage it as a catalyst for business success.

The speaker provided concrete instances of entrepreneurs who effectively employed IP strategies to drive their ventures forward, demonstrating how IP protection serves as a compelling asset for enticing investors, forging partnerships, and facilitating the growth of businesses. The speaker elaborated on fostering collaboration and knowledge exchange among entrepreneurs, IP specialists, legal practitioners, and industry stakeholders. The expert

discussion delved into ways to harness the combined strength of the innovation ecosystem to propel favorable advancements and expansion.

46 Students and 4 Faculties participated in the expert talk and made the event successful.

OUTCOME:

- The talk raised awareness among entrepreneurs about the importance of protecting their intellectual property and leveraging it to create value for their businesses.
- Attendees may have gained insights into different entrepreneurship strategies for managing and protecting their intellectual property, including patents, trademarks, copyrights, and trade secrets.
- The expert speaker shared success stories and examples of how entrepreneurs have effectively used intellectual property to drive innovation, secure funding, and gain a competitive advantage, inspiring attendees to explore similar opportunities.
- The talk has provided a platform for entrepreneurs to network with experts in the field of intellectual property, potentially leading to collaborations, partnerships, or mentorship opportunities.
- The outcome of the expert talk on entrepreneurship opportunities in IPR would ideally empower entrepreneurs with the knowledge and resources they need to protect and leverage their intellectual property assets for business growth and success.



Glimpses of Expert Talk

Instagram:

<https://www.instagram.com/p/C5DynQxLlzV/?igsh=MXNxMXY0NG9sbmZmcQ==>

Youtube Link: <https://youtu.be/Q0w4ipfFhKA>

Facebook:

[https://www.facebook.com/photo/?fbid=446755277876521&set=a.177418398143545&_cft_\[0\]=AZUjbV249YYDvFKwHfzcOsB4O8R9dJJ9MwKm3JeFhuPUFB8jSA6mIz8pL7c7mX278zwyP2PIPMzHq2nYT_ZwCtSiHvhpBVpQZgVoUbjWC_vdYIwqqm5YZ0hBqgbEqyeOn6g&_t_n_=EH-R](https://www.facebook.com/photo/?fbid=446755277876521&set=a.177418398143545&_cft_[0]=AZUjbV249YYDvFKwHfzcOsB4O8R9dJJ9MwKm3JeFhuPUFB8jSA6mIz8pL7c7mX278zwyP2PIPMzHq2nYT_ZwCtSiHvhpBVpQZgVoUbjWC_vdYIwqqm5YZ0hBqgbEqyeOn6g&_t_n_=EH-R)

Linkedin:

https://media.licdn.com/dms/image/D5622AQHPQd94-kGqBw/feedshare-shrink_800/0/1712992087735?e=1715817600&v=beta&t=gCrrpH5jzV_bSZwXONifeZC6BIjH-PG-4ebiurb7tU7w

ATTENDANCE SHEET

Expert Talk on "Entrepreneurship Opportunities in IPR"

Resource Person: Dr. Mary Mangaiyarkarasi M.S

Designation: IP Consultant, Bangalore Bio Innovation Centre, Bangalore.

Date: 28/03/2024

Time: 01.30 PM

Sl. No	USN / Faculty ID	Name	Department	Signature
1	10X20BT001	Deepika	BT	
2	10X20BT013	Gredal	BT	
3	10X20BT028	Smriti	BT	
4	10X20BT020	Tarqiya Ireshad	BT	
5	10X20BT019	S. Sivarakshana	BT	
6	10X20BT016	Pavani.S	BT	
7	10X20BT024	Shannen shenil	BT	
8	10X20BT012	Meghana	BT	
9	10X20BT027	Smidhi	BT	
10	10X20BT017	Pavithra S.K.	BT	
11	10X20BT018	Rakesh B.M	BT	
12	10X20BT031	Umme Ayman	BT	
13	10X20BT029	Supradha N	BT	
14	10X20BT010	Madhushree KV	BT	
15	10X20BT002	Anvitha.M.A.	BT	
16	10X20BT026	Shreya	BT	
17	10X20BT008	Rupa.T	BT	
18	10X20BT033	Vivedhita.S	BT	
19	10X20BT005	chandana	BT	
20	10X20BT004	Ashwika K	BT	
21	10X20BT006	Deeksha R	BT	
22	10X20BT032	Vibha S	BT	
23	10X20BT007	Abhishek.P	BT	
24	10X20BT018	Rakesh.B.M	BT	
25	10X20BT014	Nandish	BT	

Sl. No	USN / Faculty ID	Name	Department	Signature
26	10X20BT021	Sakshin Kumar	BT	
27	10X20BT034	Yatesh	BT	
28	10X20BT023	Sandhya	BT	
29	10X20BT026	Shantanalla Bhakre	BT	
30	10X20BT020	Sahana. J	BT	
31	10X21BT046	C. K. Ashiga	BT	
32	10X21BT003	Dikshitha	BT	
33	10X21BT038	Seemone	BT	
34	10X21BT028	Pavitra. M	BT	
35	10X21BT051	Vedha Varshini	BT	
36	10X21BT002	B. Bavishya	BT	
37	10X21BT043	Srisika. M	BT	
38	10X21BT005	E. Munjanath	BT	
39	10X21BT037	Samith. G. Nayak	BT	
40	10X21BT022	Mythri. N	BT	
41	10X21BT047	Sweetha Raj. V	BT	
42	10X21BT044	Soljan P.	BT	
43	10X21BT050	Tindyan.	BT	
44	10X21BT041	Thegud. M	BT	
45	10X21BT001	Adithya. S. Y	BT	
46	10X21BT022	Mythri. N	BT	
47	ENGG 2180	Dr. Anulya G	BT	
48	ENGG 2195	P. Tamizharasi	BT	
49	ENGG 2159	Ramya K	BT	
50		Manjunath. P	BT	

IIC Coordinator

Dr. B. K. MANJUNATH
HOD
Professor & Head
Department of Biotechnology
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Bengaluru-560 068.

Principal & President IIC
PRINCIPAL
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EXPERT TALK ON “MY STORY – MOTIVATIONAL SESSION BY SUCCESSFUL ENTREPRENEUR/START-UP FOUNDER”



The poster features a pink and white background with decorative elements like leaves and gold dots. It includes logos for The Oxford College of Engineering and the Institution's Innovation Council. A central photograph shows Dr. Nidhin Sreekumar. Text details the event's title, date, time, and venue, along with the names and titles of the resource person and organizers.

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THE OXFORD COLLEGE OF ENGINEERING
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Department of BT, ECE & ME
In Association With
Institutions Innovation Council (IIC)
Presents
Expert talk on

“MY STORY ”– MOTIVATIONAL SESSION BY SUCCESSFUL ENTREPRENEUR/START-UP FOUNDER

RESOURCE PERSON
Dr. Nidhin Sreekumar
Director and Chief Research Scientist
ACCUBITS INVENT
Life Sciences Park, Trivandrum

Date: **28th November, 2023**
Time: **10.30 A.M to 11.30 AM**
Venue: **Digital Classroom, BT Department**

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

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The Oxford College of Engineering

CONVENOR
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Department of BT

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Dept. Of MT

IIC COORDINATOR
Dr. Indulekha John
Assistant Professor,
Dept. of BT

FACULTY COORDINATOR
Dr. Valarmathy K
Assistant Professor,
Dept. of BT

The Oxford college of Engineering, Bangalore- Institution Innovation Council in association with the Department of Biotechnology, ECE and ME, TOCE organized an expert talk on “My Story – Motivational Session By Successful Entrepreneur/Start-Up Founder” by Dr. Nidhin Sreekumar Director and Chief Research Scientist, ACCUBITS INVENT, Life Sciences Park, Trivandrum on 28th/11/2023.

Dr. Nidhin Sreekumar is a researcher who believes that nature/biology holds the answers to all the questions and problems. He mentors Accubits Invent as its Director and Chief Research Scientist. He completed his postgraduate studies with MHRD Scholarship (GATE) in Energy Engineering (Chemical Engineering) from the prestigious, National Institute of Technology, Trichy, with a research project in Bioenergy in collaboration with the CSIR-National Institute of Interdisciplinary Science and Technology (NIIST), Trivandrum. After which he joined his Alma-mater, Sree Chitra Thirunal College of Engineering (SCTCE) as a Faculty in Biotechnology. He went on to pursue his doctoral research with MHRD Scholarship at the National Institute of Technology Calicut, in the area of bioenergy production from wastewater in collaboration with the Ex-Chairman of Kerala State Pollution Control Board and CSIR-NIIST. During this time he was also involved with an Agro-based start-up as its Research head, in-charge of design and establishment of the research and production unit. After successfully completing the doctoral research, he went back to SCTCE followed by Kalasalingam University, Tamilnadu as an Associate Professor in the Department of Biotechnology. During this period, he undertook various industrial consultancy works. He has 9+ years of research experience and has many peer-reviewed publications in various areas like bioprocess, non-conventional energy resources, biomedical/healthcare, and environmental engineering.

OBJECTIVES:

- To inspire the students by sharing the personal journey, challenges faced, and milestones achieved by the successful entrepreneur/start-up founder.
- To Motivate the students to pursue their dreams, overcome obstacles, and embrace a positive mindset in their entrepreneurial endeavors
- To communicate the significance of having a clear vision and mission in entrepreneurship.
- To guide the students on how to develop and refine their own vision for their ventures.
- To share instances of failures and setbacks encountered during the entrepreneurial journey.
- To emphasize the importance of learning from failures, resilience, and using setbacks as stepping stones to success.

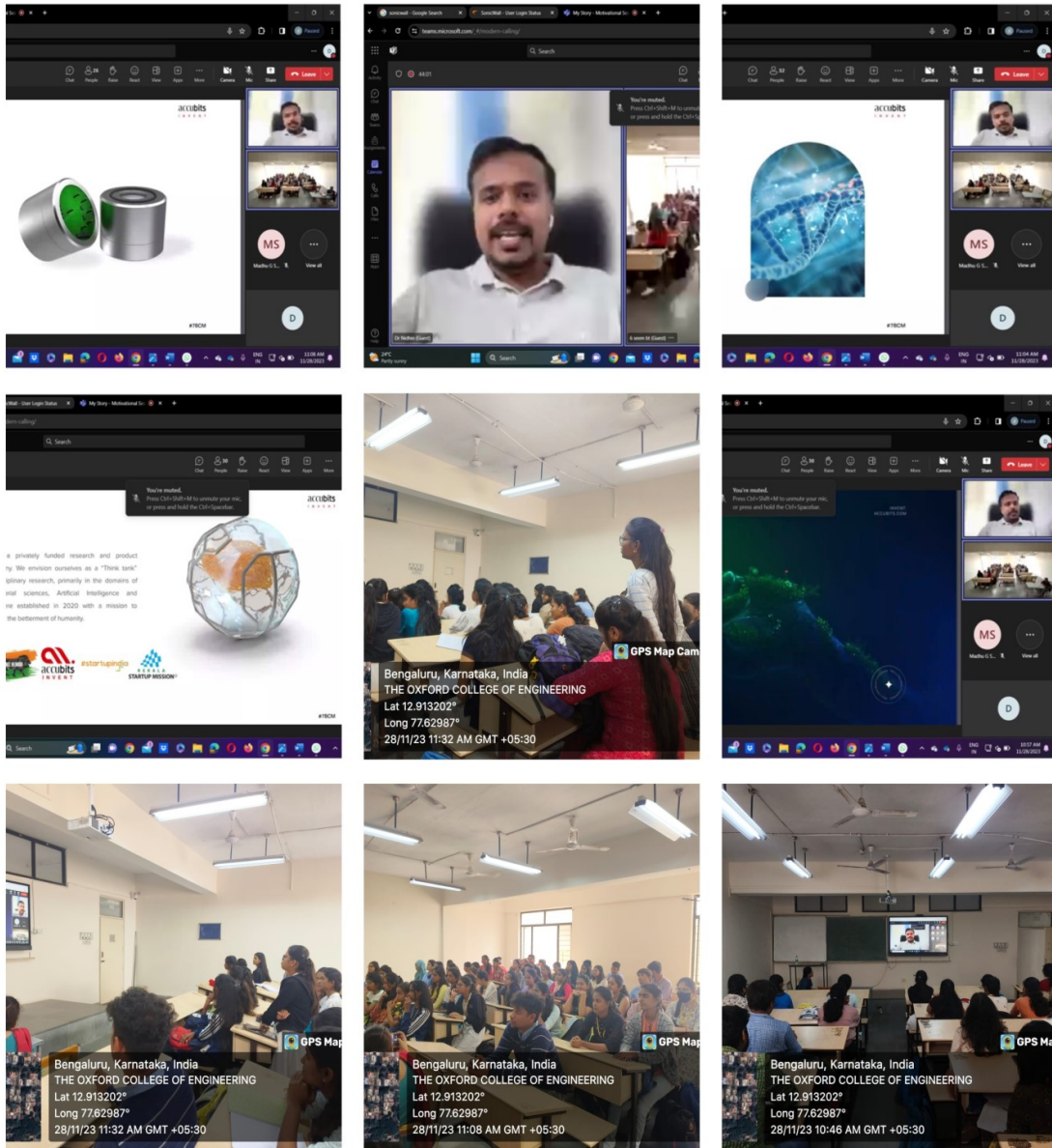
The Department of Biotechnology, ECE and ME, TOCE organized an expert talk on "My Story – Motivational Session By Successful Entrepreneur/Start-Up Founder" by Dr. Nidhin Sreekumar Director and Chief Research Scientist, ACCUBITS INVENT, Life Sciences Park, Trivandrum on 28th/11/2023 from 10.30 A. M to 11.30 A.M in the department of Biotechnology. With a keen eye for opportunity and an unwavering commitment to turning ideas into reality, Dr. Nidhin Sreekumar has embarked on a journey that extends beyond conventional boundaries. From the inception of groundbreaking concepts to the strategic orchestration of business endeavours, this entrepreneur and research scientist is not merely a participant in the market but a driving force, shaping the landscape of Biotechnology, Artificial Intelligence, Blockchain, Behavioural science, and Material Sciences. He currently holds the designation of Director and Chief research scientist in ACCUBITS INVENT.

Accubits Invent is a technology company known for its innovative solutions in areas like artificial intelligence, blockchain, decentralized technologies and biotechnology. Accubits Invent stands out for its dedication to research and development, positioning itself as a promising player in Kerala's emerging tech landscape. 'The future is Interdisciplinary' is what they believe in. Research techniques and technology, the bioinformatics teams are able to decipher complex biological information, providing new perspectives and broadening our knowledge of living things.

Their molecular biology team is a leader in innovation, having mastered the process of transforming genomes. They are involved in the field of in vitro plant culture, skillfully fusing conventional wisdom and cutting-edge approaches. They also create and refine hydroponic systems and create culture media for uncommon plant kinds using in vitro culture. In 2019 Dr Nidhin Sreekumar and his team started a new research project 'Votlrac' at Accubitz Invent to delve into this possibility if we are able to understand how plants communicate and what they communicate with each other we could potentially revolutionize the Agriculture and Food Industries to tackle world hunger that was the motivation for the research and the idea was to track the volatile organic compounds released by plants. Volatiles are chemical compounds released by all organisms by tracking and profiling the volatiles the team hoped to gain a profound understanding of how plants communicate with each other. While the voltrac was initially designed to study plant communication the team discovered it could fill a significant void in a completely different field; artificial intelligence.

Voltrac sensor has high sensitivity and selectivity hence this could give machines the ability to smell and build a foundation model for the olfactory senses.

Dr. Nidhin explained his journey from being a biotechnology engineer to director of Accubits Invent and how he is working in the interdisciplinary field of Biotechnology, Energy, chemical engineering and electronics. 65 students and 7 faculties participated in the event and made the event successful.



Glimpses of the Talk

OUTCOME:

The motivational session, "My Story," by the successful entrepreneur/start-up founder, achieved profound outcomes, leaving a lasting impact on the audience. Attendees were not only inspired but also motivated to take charge of their entrepreneurial aspirations with renewed vigor. The entrepreneur's candid sharing of personal challenges and triumphs resonated deeply, fostering a sense of connection and relatability among the audience. Many left the session with a newfound belief in their ability to navigate challenges, armed with insights on learning from failures, cultivating an entrepreneurial mindset, and embracing change.

Meeting Link: <https://rb.gy/yaw0ir>

Facebook link: <https://t.ly/3e9IM>

Recording link: <https://youtu.be/z-Q3m5J2GwE>

LinkedIn: <https://t.ly/AYhUI>

Instagram: <https://t.ly/cFnr>

Youtube: <https://youtu.be/z-Q3m5J2GwE>


IIC Coordinator


HoD


IIC Convener


Principal & President IIC

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

ATTENDANCE SHEET

Talk on "My Story – Motivational Session by Successful Entrepreneur"

Resource Person: Dr. Nidhin Sreekumar

Designation: Director, & Chief Research Scientist, Accubits Invent, Trivandrum

Date: 28/11/2023

Time: 10.30 A.M – 12 P.M

Sl. No	USN / Faculty ID	Name	Department	Signature
1	10X20BT020	Sahana J	BT	Sahana
2	10X20BT015	Pavana B.N	BT	Pavana
3	10X20BT017	Pavithra S.K	BT	Pavithra
4	10X20BT005	Charudana M	BT	Charudana
5	10X20BT018	RAKESH B.M	BT	Rakesh
6	10X20BT025	Shantamalla Bhakze	BT	Shantamalla
7	10X20BT034	Yathesh M.N	BT	Yathesh
8	10X20BT014	Nandish P.K	BT	Nandish
9	10X21BT019	MOHAMAD SULTHAN J	BT	Mohamad
10	10X21BT029	Prashanth S	BT	Prashanth
11	10X21BT044	Seelan P.S	BT	Seelan
12	10X21BT049	Thagu M	BT	Thagu
13	10X21BT036	Sainath	BT	Sainath
14	10X21BT037	Samith G Nayak	BT	Samith
15	10X20BT001	Abhichel P	BT	Abhichel
16	10X20BT024	Shannen Sheril	BT	Shannen
17	10X20BT016	Pavani S	BT	Pavani
18	10X17BT350	Sibhaji Saikia	BT	Sibhaji
19	10X20BT027	Srinidhi N	BT	Srinidhi
20	10X20BT012	Meghana M	BT	Meghana
21	10X20BT019	Sivaraksana S	BT	Sivaraksana
22	10X20BT030	Tarziya Ireshad	BT	Tarziya
23	10X20BT022	Sampathikola Samreen	BT	Sampathikola
24	10X20BT002	Anulitha M.N	BT	Anulitha
25	10X20BT031	Uzume Aymen	BT	Uzume
26	10X20BT028	Souli	BT	Souli
27	10X20BT013	Geetal	BT	Geetal
28	10X20BT007	Reepika	BT	Reepika

Sl. No	USN / Faculty ID	Name	Department	Signature
29	Divya T	Divya T	BT	[Signature]
29	10X20BT008	Divya T	BT	[Signature]
30	10X20BT003	Arpita Maibpuu	BT	[Signature]
31	10X20BT029	Supratha N	BT	[Signature]
32	10X20BT026	Shruti Pallojishu	BT	[Signature]
33	10X20BT010	Madhusree K V	BT	[Signature]
34	10X20BT009	Geetha N	BT	[Signature]
35	10X20BT004	Ashelha K	BT	[Signature]
36	10X20BT006	Deeksha R	BT	[Signature]
37	10X20BT032	Vibha J	BT	[Signature]
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39	10X22BT001	Abhinay Y. B.	BT	[Signature]
40	10X22BT020	Nirupadi	BT	[Signature]
41	10X22BT017	Nihir	BT	[Signature]
42	10X22BT007	Madhusudan	BT	[Signature]
43	10X22BT031	Vanaja T	BT	[Signature]
44	10X22BT030	Sriravsha G	BT	[Signature]
45	10X22BT029	Sindhushree M	BT	[Signature]
46	10X22BT006	Deboornita Banerjee	BT	[Signature]
47	10X22BT013	Kruthi S	BT	[Signature]
48	10X22BT005	Anjali M	BT	[Signature]
49	10X22BT011	K. Bersy Precilla	BT	[Signature]
50	10X22BT010	Harshitha S.	BT	[Signature]
51	10X22BT026	Sathvika C H	BT	[Signature]
52	10X22BT003	Aditi A. B	BT	[Signature]
53	10X22BT032	Yoggita S	BT	[Signature]
54	10X22BT004	Anjal	BT	[Signature]
55	10X22BT027	Sejal S. Gendbar	BT	[Signature]
56	10X22BT006	Aparna D. P	BT	[Signature]
57	10X22BT002	Abhinayeesri M	BT	[Signature]
58	10X22BT028	Shakuntala G. N	BT	[Signature]
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61	10X22BT025	Ranya T M	BT	[Signature]
62	10X22BT024	Ranya M	BT	[Signature]
63	10X22BT021	Nisha M	BT	[Signature]
64	10X22BT014	Krutika B K	BT	[Signature]
65	10X22BT001	Adithya	BT	[Signature]



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EXPERT TALK ON “INNOVATIVE IDEAS FOR PROTOTYPE CONVERSION FROM TRL 4 – TRL 9”

THE OXFORD COLLEGE OF ENGINEERING
Hosur Road, Bommanahalli, Bengaluru-560 068
(Approved by AICTE, New Delhi, Affiliated to VTU, Belgaum & Accredited by NAAC (A Grade) & NBA)

DEPARTMENT OF BIOTECHNOLOGY
IN ASSOCIATION WITH
INSTITUTION'S INNOVATION COUNCIL (IIC)
ORGANIZING
EXPERT TALK

On
**“INNOVATIVE IDEAS FOR PROTOTYPE CONVERSION
FROM TRL 4 – TRL 9”**

by
**Dr P. Bindhu Madhavi, Professor & HOD, AIML Dept
The Oxford College of Engineering, Bangalore.**

On
31ST MAY 2024; 2:00 PM
Venue: **Digital Classroom**
BT Dept.

CHIEF PATRON Dr. S. N. V. L. Narasimha Raju President The Oxford Educational Institutions	PATRON Dr. N. Kannan Principal and President IIC The Oxford College of Engineering	CONVENOR Dr. B.K. Manjunatha Professor & Head, Dept of BT	IIC CONVENOR Dr P. Bindhu Madhavi Professor & HOD Dept of AIML	IIC COORDINATOR Prof. P. Tamizharasi Assistant Professor Dept of BT
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The Oxford college of Engineering, Bangalore- Institution Innovation Council in association with the Department of Biotechnology, TOCE organized an Expert Talk on “INNOVATIVE IDEAS FOR PROTOTYPE CONVERSION FROM TRL 4 – TRL 9” on 31ST May 2024 from 02.00 P.M in the Department of Biotechnology.

The Resource person was Dr. P. Bindhu Madhavi is currently working as Professor and Head of the Department, Artificial Intelligence and Machine Learning, The Oxford College of Engineering, Bangalore.

OBJECTIVES:

- To provide insights and practical strategies for transitioning innovative prototypes from Technology Readiness Level (TRL) 4 (validation in a laboratory environment) to TRL 9 (successful deployment in an operational environment).

- To discuss best practices, challenges, and solutions to advance technology through the stages of development, testing, and commercialization.
- To equip participants with the knowledge and tools needed to navigate the complex journey from laboratory validation to market deployment, ultimately driving innovation and technological advancement.
- To enhance understanding of the process and challenges of advancing prototypes through TRLs and practical strategies and innovative approaches for successful prototype conversion.

The Department of Biotechnology, TOCE organized an Expert Talk on “INNOVATIVE IDEAS FOR PROTOTYPE CONVERSION FROM TRL 4 – TRL 9” on 31st May 2024 from 02.00P.M in the Department of Biotechnology. The expert talk illuminated Technology Readiness Levels (TRLs) are a method of estimating the maturity of technologies during the acquisition phase of a program. These are measured on a scale from 1 to 9, with TRL 1 being the lowest and TRL 9 the highest. The transition from TRL 4 (technology validated in a lab) to TRL 9 (actual system proven in operational environment) involves several stages and challenges.

Dr.P.Bindhu Madhavi provided concrete instances of Transitioning from TRL 4 to TRL 9 require a blend of innovative approaches, strategic planning, and collaborative efforts. By adopting agile development, leveraging advanced technologies like digital twins and ensuring early and continuous user involvement, innovators can successfully navigate the complexities of prototype conversion and bring groundbreaking technologies to market. The Speaker successfully moving a prototype from TRL 4 to TRL 9 requires a combination of innovative strategies, collaborative efforts, and strategic planning. By embracing agile development, leveraging digital tools and advanced manufacturing, involving users early, and securing the necessary funding and regulatory approvals, innovators can effectively navigate the complexities of prototype conversion and bring groundbreaking technologies to market.

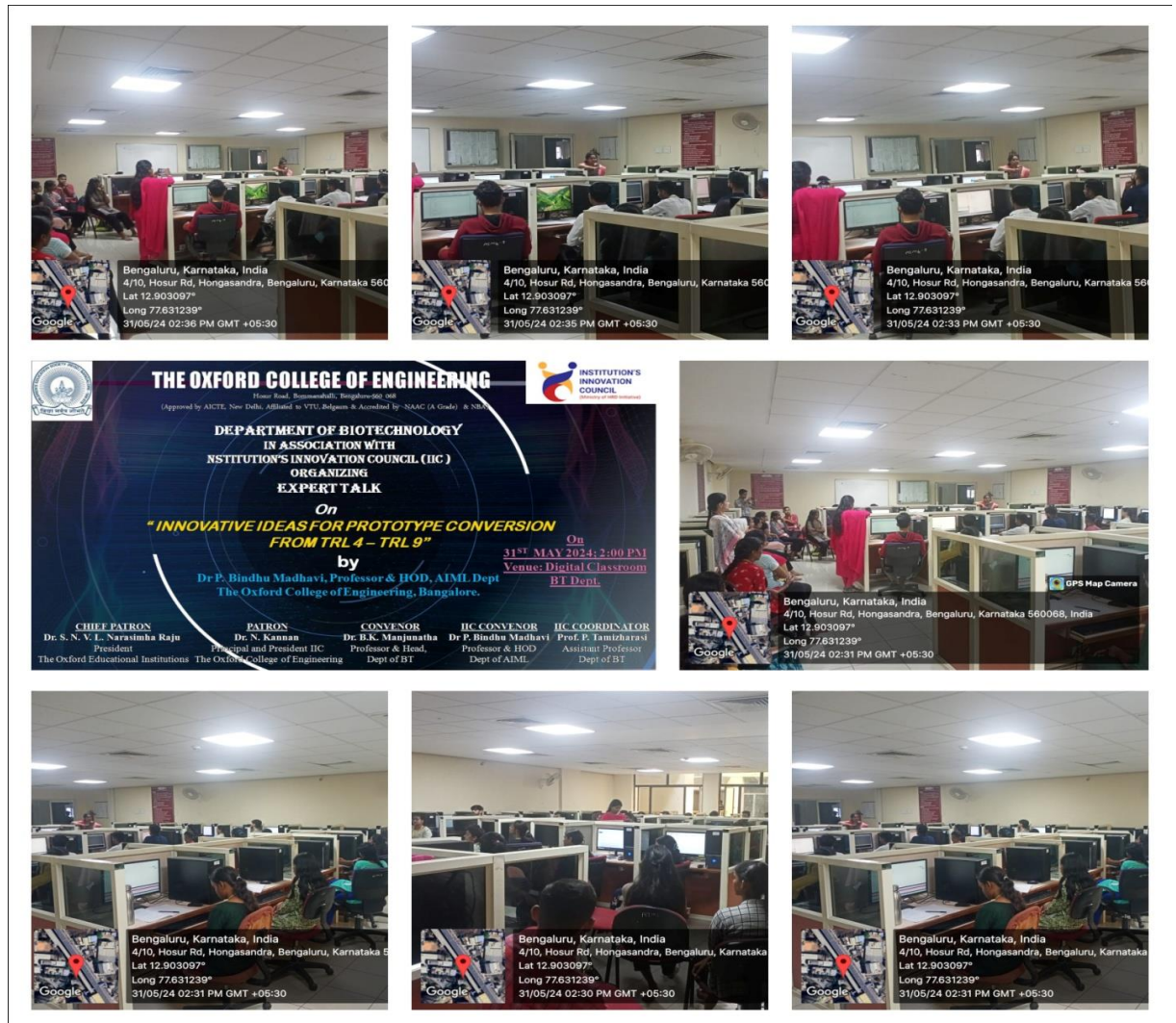
The session wrapped up with a Q&A segment, allowing participants to pose their questions.

43 Students and 4 Faculties participated in the expert talk and made the event successful.

OUTCOME:

- Attendees gained a clear understanding of the steps and strategies required to advance their prototypes from TRL 4 to TRL 9.

- The expert talk would serve as a comprehensive guide for innovators, researchers, and entrepreneurs looking to navigate the complex journey of transforming a lab-validated prototype into a fully operational system ready for market deployment.
- The expert speaker shared the emphasis on innovative strategies, practical examples, and actionable insights would equip attendees with the knowledge and tools necessary to successfully progress through the TRLs.
- Attendees gained exposure to tools and methods that can streamline the prototype development process.



Glimpses of Expert Talk

Recording Link: <https://youtu.be/FicCFaTyI-Oc>

Facebook: <https://www.facebook.com/share/p/Utk21QAzUV591Ss2/?mibextid=xfxF2i>

ATTENDANCE SHEET

Expert Talk on "Innovative Ideas for Prototype Conversion from TRL 4 – TRL 9"

Resource Person: Dr. P. Bindhu Madhavi

Designation: Professor & HOD, AIML Dept, The Oxford College of Engineering, Bangalore.

Date: 31/05 2024

Sl. No	USN / Faculty ID	Name	Department	Signature
1	10X22BT026	Sathvika CH	BT	<i>[Signature]</i>
2	10X22BT025	Ranya TM	BT	<i>[Signature]</i>
3	10X22BT024	Ranya M	BT	<i>[Signature]</i>
4	10X22BT021	Nisha M	BT	<i>[Signature]</i>
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13	10X22AI041	Preethi AR	AIML	<i>[Signature]</i>
14	10X22AI060	Zainab Mahboob Shaik	AIML	<i>[Signature]</i>
15	10X22AI039	Prathvi P Rao	AIML	<i>[Signature]</i>
16	10X22AI021	Mythili A. S	AIML	<i>[Signature]</i>
17	10X22BT015	L Keerthi	BT	<i>[Signature]</i>
18	10X22BT029	Sindhu Shree H	BT	<i>[Signature]</i>
19	10X22AI056	Tasmia	AIML	<i>[Signature]</i>
20	10X22AI032	Nandhidakanni AL	AIML	<i>[Signature]</i>
21	10X22AI052	Sirisha S	AIML	<i>[Signature]</i>
22	10X22AI034	Nivethitha	AIML	<i>[Signature]</i>
23	10X22AI027	Mayur Lakshmi	AIML	<i>[Signature]</i>
24	10X22AI040	Shrinanda H.K	AIML	<i>[Signature]</i>
25	10X22AI042	Mohammed Rasool R	AIML	<i>[Signature]</i>

26.	10X21BT011	Harini R	BT	Harini R
27.	10X21BT019	Sivarakshana	BT	
28.	10X21BT034	Ruchitha K C	BT	
29.	10X21BT039	Somith G. Nayak	BT	
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32.	10X21BT039	shalini myyammai	BT	
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52.	10X21BT003	Bhavanishwan	BT	
53.	10X21BT030	Pravalika	BT	
54.	10X21BT023	Naitik	BT	
55.	Engg 2195	P. Tamizharasi	BT	

P. Jishi
IIC Coordinator


IIC


IIC Convener


Principal & President IIC

Dr. B.K. MANJUNATHA
Professor & Head
Department of Biotechnology
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Bommanahalli, Hosur Road
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StartUp Journey of Synbioworks in “Accelerating Vaccine Development through Synthetic Biology Strategies”

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DEPARTMENT OF BIOTECHNOLOGY
Is Organizing
Expert Talk on
StartUp Journey of Synbioworks in
"Accelerating Vaccine Development through
Synthetic Biology Strategies"
Date: 14/02/2024
Time: 11.00 am
Venue: Digital Classroom, BT

CHIEF GUEST


Dr. Ajay
Founder & CEO,
Synbioworks,
Kodagu

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

CONVENER
Dr. B.K. Manjunath
Professor & Head
Department of BT

PATRON
Dr. N. Kannan
Principal
The Oxford College of Engineering

FACULTY COORDINATOR
Prof. Tamizharasi P
Asst. Prof.
Dept. of BT

The Oxford college of Engineering, Bangalore- Institution Innovation Council in association with the Department of Biotechnology, TOCE organized an Expert Talk on **StartUp Journey of Synbioworks in “Accelerating Vaccine Development through Synthetic Biology Strategies”** on 14th February 2024 from 11.00 A.M in the Department of Biotechnology.

The resource person, Dr Ajay is the CEO and founder of Synbioworks. This company is based on Kodagu, they specialize in research and manufacturing of quality and relatively priced supplements. Dr Ajay, is an experienced researcher with a demonstrated history of working in the research industry, he is skilled in microbiology and synthetic biology. He obtained his PhD in Biological Sciences from Ulsan University of Science and Technology in South Korea. He was a researcher in Madrid University in Spain, and an editor for Microbiology Society for five years. He also holds seven international patents and nineteen publications.

OBJECTIVES:

1. To provide insights into Synbioworks' startup journey and their innovative approach to accelerating vaccine development through synthetic biology strategies.
2. To provide an overview of synthetic biology principles, techniques, and applications, helping the audience understand the fundamental concepts and current developments in the field.
3. To inspire curiosity and interest in synthetic biology by showcasing exciting advancements, groundbreaking research, and potential future applications that could revolutionize various industries, from healthcare to agriculture.
4. To highlight key milestones, challenges faced, and the potential impact of their work on the field of biotechnology and public health.

The Department of Biotechnology, The Oxford College of Engineering, Bangalore had organized an expert talk on StartUp Journey of Synbioworks in “Accelerating Vaccine Development through Synthetic Biology Strategies” ” by Dr. Ajay,CEO and Founder of Synbioworks, Kodagu on 05/02/2024. Dr Ajay led the seminar by explaining various aspects and principles of synthetic biology. He explained about unnatural molecular reproduction and natural biology. He went ahead to explain reassembling processes of novel systems and other procedures involved in biological cells.

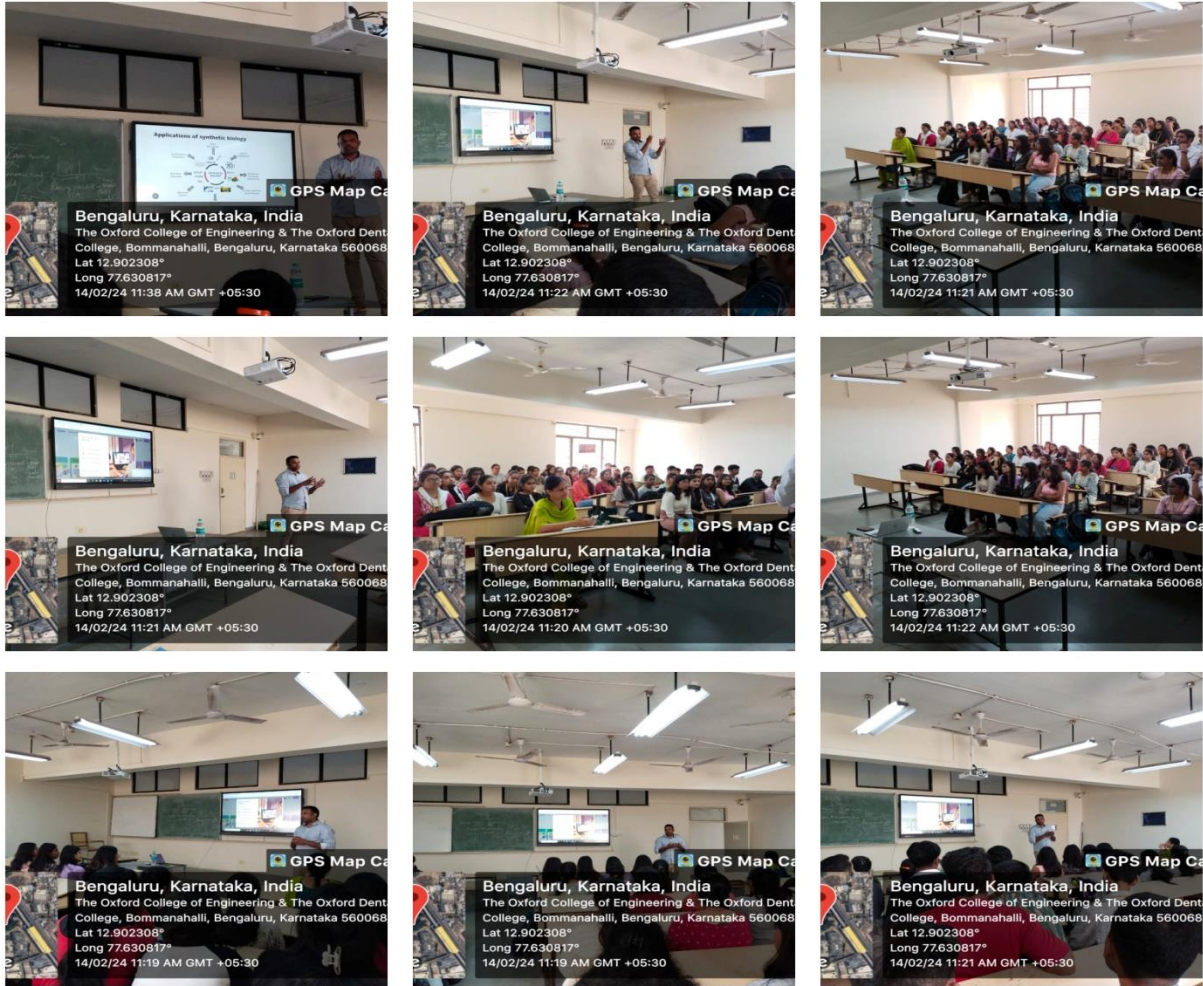
He spoke about how the drug development industry has improved due to more and more advancements in the field of synthetic biology. Generation synthetic genes paved the way for oncology-focused companies to generate cancer vaccines individualised to the specific DNA sequence of a patient's tumour. For the last three years synthetic biology industry has gained

advancements due to immense research in production of vaccines against COVID-19 and the development of COVID-19 test kits, which has been generated on a larger scale and utilised by public and private healthcare providers. Synthetic biology plays an important role in Antibody and vaccine production, biofuel production, agricultural bioengineering, microbial engineering, and food production. It is an important field with major developments in this decade.

Dr Ajay also offered insight on his research work at his establishment Biosustain labs, where his domain Synbioworks have held many upcoming research work. His expert talk led us to understand future aspects and prospects of synthetic biology and overall goal for future research. His knowledge on the subject was admirable and gave us enough insight to navigate theoretical reasoning for the said talk.

OUTCOME:

The main Outcomes from the expert talk on "Accelerating Vaccine Development through Synthetic Biology Strategies" Participants gained a comprehensive understanding of the principles and workings of synthetic biology, including its foundational concepts and techniques. Students acquired detailed knowledge of various applications of synthetic biology in vaccine development. This encompassed the utilization of synthetic biology tools and methodologies to design, engineer, and produce vaccines more efficiently and effectively. The talk provided a thorough exploration and elaboration of synthetic biology strategies specifically tailored for accelerating vaccine development. This included discussions on designing novel vaccine candidates, optimizing production processes, and enhancing vaccine efficacy and safety through synthetic biology approaches.



Instagram:

<https://www.instagram.com/p/C3VcbjNpcTd/?igsh=MndzangxN3VqcTlp>

Facebook:

<https://www.facebook.com/share/p/owRvDbdcFYyvLwj7/?mibextid=xfxF2i>

Recording link:

<https://youtu.be/uUHTShux8SE>


IIC Coordinator


HoD


IIC Convener


Principal & President IIC
PRINCIPAL
 The Oxford College of Engineering
 Bommanahalli, Hosur Road
 Bengaluru-560 068

ATTENDANCE SHEET

Event: "Accelerating Vaccine Development through Synthetic Biology Strategies"

Resource Person: Dr. Ajay

Designation: Founder & CEO, Synbioworks

Date: 14/02/2024

Time: 11.00 AM

Sl. No	USN / Faculty ID	Name	Department	Signature
1	10X20BT031	Umme Ayma	BT	
2	10X20BT005	Chandana M	BT	
3	10X20BT008	Divya J	BT	
4	10X20BT028	Smriti	TST	
5	10X20BT007	Deepika	BT	
6	10X20BT013	Pratibha	BT	
7	10X21BT016	Lavanya S.M	BT	
8	10X20BT030	Tarhaya Irshad	BT	
9	10X21BT007	Deeksha Gurav	BT	
10	10X20BT022	Sampathikata Samreen	BT	
11	10X21BT008	Neelkshitha A.S	BT	
12	10X21BT014	Kavya D	BT	
13	10X21BT012	HITAISHI A.V	BT	
14	10X21BT013	Isha POOJARI	BT	
15	10X20BT015	Parvati	BT	
16	10X20BT023	Sandhya	BT	
17	10X21BT031	Priya	BT	
18	10X21BT042	Shruti	BT	
19	10X21BT041	Shravani	BT	
20	10X21BT052	Vedha	BT	
21	10X21BT035	S Padmasree	BT	
22	10X21BT011	Harini R	BT	
23	10X21BT039	Shalini Meyyammai	BT	
24	10X21BT029	Pallavi M	BT	
25	10X21BT034	RUCHITHA K C	BT	
26	10X21BT043	Sirisha M	BT	
27	10X21BT025	Navana R	BT	
28	10X21BT021	MOULYA	BT	
29	10X21BT028	Pavitra M	BT	
30	10X21BT032	Paranika	BT	

Sl. No	USN / Faculty ID	Name	Department	Signature
31	10X21BT038	Seemone khadri	BT	Seemone
32	10X21BT032	Mythri. N	BT	Mythri
33	10X21BT040	Shivanya. M C	BT	Shivanya
34	10X21BT002	B. Banushya	BT	Banushya
35	10X21BT003	Bhavaneshwari	BT	Bhavaneshwari
36	10X21BT006	C. K Ashiga	BT	C. K Ashiga
37	10X20BT004	Ashitha K	BT	Ashitha K
38	10X20BT006	Deeksha R	BT	Deeksha R
39	10X20BT009	Greeshma N	BT	Greeshma N
40	10X20BT032	Vibha J	BT	Vibha J
41	ENGG 2180	Dr. Amulya G	BT	Dr. Amulya G
42	10X20BT029	Supradha. N	BT	Supradha N
43	10X20BT010	Madhushree K V	BT	Madhushree K V
44	10X20BT033	Vivadhitha. S	BT	Vivadhitha. S
45	10X21BT001	Adithya. B.V	BT	Adithya. B.V
46	10X21BT033	Rakesh Kumar Mishra	BT	Rakesh
47	10X21BT004	C. Dhanush Kumar Reddy	BT	Dhanush
48	10X21BT037	Sanith G. Nayak	BT	Sanith
49	10X21BT023	V. Naitik Prabhakar	BT	Naitik
50	10X21BT036	Sainath M Biradar.	BT	Sainath
51	10X21BT026	Navaneeth. R	BT	Navaneeth
52	10X21BT005	Manjunath	BT	Manjunath
53	10X21BT010	C. Govindaraju. HM	BT	Govindaraju
54	10X21BT019	Sulthan. J	BT	Sulthan
55	10X21BT009	Prashanth S	BT	Prashanth S
56	10X21BT015	Kowshalya	BT	Kowshalya
57	10X21BT050	Tirunayudu	BT	Tirunayudu
58	10X21BT020	SHEZAN	BT	SHEZAN
59	10X21BT018	MADHU	BT	MADHU
60	10X21BT047	Suretha Raj. V	BT	Suretha
61	10X21BT045	Sumha Kulsum	BT	Sumha
62	10X21BT015	Kowshalya	BT	Kowshalya
63	10X21BT024	Nathuram J	BT	Nathuram J
64	ENGG 2195	Tamizharasi	BT	Tamizharasi



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BENGALURU, INDIA



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EXPERT TALK ON “ENTREPRENEURSHIP OPPORTUNITIES IN SERICULTURE BYPRODUCT UTILIZATION”

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(Approved by AICTE, New Delhi, Affiliated to VTU, Belgaum & Accredited by NAAC (A Grade) & NBA, New Delhi)

Department of Biotechnology
In Association With
Institutions Innovation Council (IIC)
Presents
Expert talk on
**“ENTREPRENEURSHIP OPPORTUNITIES
IN SERICULTURE BYPRODUCT
UTILIZATION”**

RESOURCE PERSON
SANGAPPA SHILLIN,
Director, RS Research & Training Institute
Rtd. Scientist, CSTRl

Date: **18th November, 2023**
Time: **10.00 A.M to 12.00 PM**
Venue: **Digital Classroom, BT
Department**

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

PATRON
Dr. N. Kannan
Principal & President IIC
The Oxford College of Engineering

CONVENOR
Dr. B.K. Manjunath
Professor & Head,
Department of BT

IIC CONVENOR
Dr. C Manjula
Professor & Head,
Dept. Of MT

IIC COORDINATOR
Dr. Indulekha John
Assistant Professor,
Dept. of BT

FACULTY COORDINATOR
Dr. Salma Kausar M
Assistant Professor,
Dept. of BT

The Oxford college of Engineering, Bangalore- Institution Innovation Council in association with Department of Biotechnology organized an expert talk on “Entrepreneurship Opportunities in Sericulture Byproduct Utilization” on 18th November 2023 from 10.00 A. M to 12.00 P.M by Mr. Sangappa Shillin, Founder Director of RS Research & Training Institute, Bangalore.

Mr. Sangappa Shillin is the Director of RS Research & Training Institute. He pursued his B.tech in textile technology and M.Tech in textile technology from the govt SKSJTI institution, Bangalore University, Bangalore. He has expertise in textile technologies which include carding,

spinning winding, knitting, R&D training, raw silk testing and silk technologies. He served as a Scientist D (Retired) at CSTRI, Central Silk Board, Bangalore. At present he is a guest faculty at govt SKSJTI, Bangalore, advisory board member, Dhobi G, Chennai and Director of RS Research & Training Institute. He has published 3 international journals and 10 national journals. He presented 8 papers in international conferences and 12 papers in national seminars and published 3 manuals and 2 books. He has received many honours and awards guided for many project works in sericulture technology, textiles and biotechnology domains. Major achievements include developed low-cost fire burnt hot air drier, developed Silk handlooms to produce quality saris, developed Electronic Jacquard for handloom and powerloom to produce high end saris, developed diversified silk technical textiles, developed textile industry effluent treatment technology and many more.

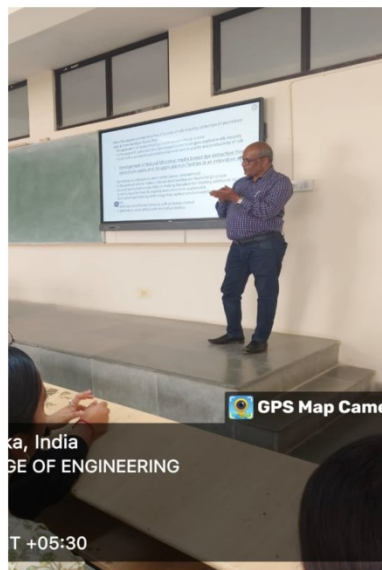
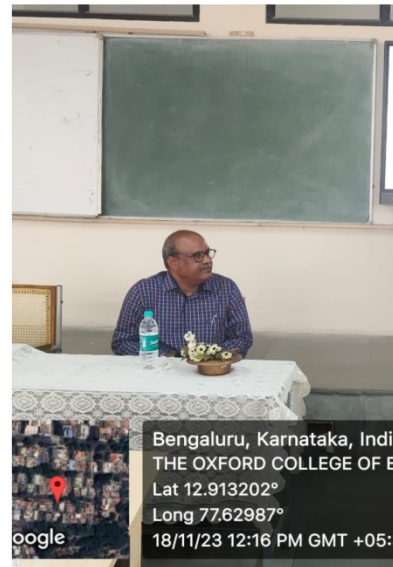
OBJECTIVES:

- To understand about the innovative approaches to silk as a biomaterial
- To understand the various innovative applications of by-products of silk industry
- To understand the significance of by-products of silk for cosmetic applications
- To understand the necessity of extraction of sericin and economic
- To realize the entrepreneurial takeaways from sericin

The session was on “Entrepreneurship Opportunities in Sericulture Byproduct Utilization” by Mr. Sangappa Shillin. The session started at 10.00 A.M in digital classroom of BT department. The session highlighted the applications of silk in various industries. Sericulture, the practice of cultivating silk-producing silkworms, not only yields silk but also produces valuable byproducts. This technical report delves into the entrepreneurship opportunities arising from the strategic utilization of sericulture byproducts, namely silkworm pupae, silk waste, and sericin. Innovation and Design Thinking aspects of textile and silk industry were described in detail by the speaker. He detailed about sericin, a proteinaceous bioproduct which has various applications. Sericin has got wide applications as it is used as drug delivery agent in pharmaceutical industry, cosmetics, additive in food products, chemical industry. Entrepreneurs can explore the production of protein supplements for livestock and aquaculture, addressing the demand for sustainable and nutritious animal feeds. He also demonstrated about various consultancy projects that he is doing for various industries and about his company.

The entrepreneurial landscape in sericulture byproduct utilization is vast and promising. By strategically harnessing the potential of silkworm pupae, silk waste, and sericin, businesses can contribute to sustainability, address market demands for eco-friendly products, and foster innovation across multiple industries. This technical report provides a foundation for further exploration and development in the field, encouraging interdisciplinary collaborations and research endeavours.

Around 45 students and 7 faculty members participated in the expert talk.



Glimpses of the Expert Talk

OUTCOMES:

The outcome of the workshop is to make the students aware of entrepreneurial landscape in sericulture byproduct utilization. Students understood about the aspects of green innovations and how it is important in the silk industry for the environment to be sustainable. The students realized the entrepreneurial possibilities arising out of the by-products of silk industry. The students also learnt the innovative research in the field of silk technology and the various novel applications of silk by-products.

Facebook Link: <https://shorturl.at/aesJM>

Recording Link: <https://youtu.be/8WTfercEVcw>


IIC Coordinator


HoD


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Bommanahalli, Hosur Road
Bengaluru-560 068

ATTENDANCE SHEET

Expert Talk on "Entrepreneurship Opportunities In Sericulture Byproduct Utilization"

Resource Person: Dr. Sangappa Shalini
 Designation: Director, RS Research & Training Institute, Bangalore
 Date: 18/11/2023
 Time: 10.00 A.M - 12 P.M

Sl. No	USN / Faculty ID	Name	Department	Signature
1	ENGG2180	Dr. Anulya G	BT	
2		P. Tamizharasi	BT	
3	ENGG2159	Ramesh K	BT	
4	ENGG0071	Dr. Indulekha Sahu	BT	
5	ENGG0102	Dr. Salma	BT	
6	10X22BT008	Debosmita Niloy-Banerjee	BT (3rd)	
7	10X22BT013	Kaushiki S	BT (3rd)	
8	10X22BT005	Anjali M	BT (3rd)	
9	10X20BT024	Shannen Sheri	BT (7th)	
10	10X20BT016	Pavani S	BT (7th)	
11	10X20BT019	Sivaraksana S	BT (7th)	
12	10X20BT012	Meghana M. Raju	BT (7th)	
13	10X20BT017	Pavithra S.K	BT (7th)	
14	10X20BT030	Tarukya Ireshad	BT (7th)	
15	10X20BT022	Sampathikota Samreen	BT (7th)	
16	10X20BT008	Somhri	BT (7th)	
17	10X20BT007	Deepika	BT (7th)	
18	10X20BT003	Geeta	BT (7th)	
19	10X20BT006	Deeksha R	BT (7th)	
20	10X20BT004	Ashitha K	BT (7th)	
21	10X20BT032	Vidha J	BT (7th)	
22	10X20BT009	Gireeshma N	BT (7th)	
23	10X20BT033	Vivedhitha S	BT (7th)	
24	10X20BT029	Supradha N	BT (7th)	
25	10X20BT005	Chandana M	BT (7th)	
26	10X20BT008	DIVYA J	BT (7th)	
27	10X20BT018	RAKESH B. M	BT (7th)	
28	10X20BT014	NANDISH. PATEL. L	BT (7th)	

Sl. No	USN / Faculty ID	Name	Department	Signature
29	10X20BT350	SIBHAJIT SAIKIA	BT (3 rd)	
30	10X20BT009	Aspilar. Madhapure	BT (3 rd)	
31	10X20BT110	Madhureshee. K. V.	BT (3 rd)	
32	10X22BT003	Mithi A. B	BT (3 rd)	
33	10X22BT032	Yogita S	BT (3 rd)	
34	10X22BT004	Antal Ugma Duanaz	BT (3 rd)	
35	10X22BT017	Mihir	BT (3 rd)	
36	10X20BT020	Sahana. J	BT (7 th)	
37	10X20BT015	Pavana B D	BT (7 th)	
38	10X20BT025	Sandhya	BT (7 th)	
39	10X21BT016	Lalanya. S. M	BT (5 th)	
40	10X21BT018	Madhu. G. S	BT (5 th)	
41	10X20BT026	Shreya Pattegeshi	BT (5 th)	
42	10X21BT001	Adithya. B. Y	BT (5 th)	
43	10X21BT033	Samithi. G. Nayak	BT (5 th)	
44	10X21BT005	C. Manjunath	BT (5 th)	
45	10X21BT024	Nathuram	BT (5 th)	
46	10X21BT025	Navana. R	BT (5 th)	
47	10X21BT020	Trinayan. R	BT (5 th)	
48	10X21BT009	Gagan	BT (5 th)	
49	10X21BT010	Govindaraju	BT (5 th)	
50	10X21BT011	Harini. R	BT (5 th)	
51	10X21BT002	Ashiga	BT (5 th)	
52	10X21BT003	Bhavishya	BT (5 th)	



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2(f) Bommanahalli, Hosur Road, Bangalore – 560068. ☎: 080 -30219601/602, Fax: 080 – 25730551/ 30219629 E-mail:
engprincipal@theoxford.edu Web: www.theoxford.edu

Panel Discussion on Entrepreneurship Opportunities for Agri Products

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New Delhi & Affiliated to VTU, Belgaum)
DEPARTMENT OF BIOTECHNOLOGY
In Association With
Institution's Innovation Council (IIC)
Is organizing

Panel Discussion on Entrepreneurship Opportunities for Agri Products

Date: 30/01/2024
Time: 11.00 am
Venue : Digital Classroom ,BT

CHIEF PARTON Dr. S. N. V. L. Narasimha Raju President The Oxford Educational Institutions	PATRON Dr. N. Kannan Principal The Oxford College of Engineering	CONVENOR Dr. B.K. Manjunath Professor & Head Department of BT
IIC CONVENER Dr. C. Manjula Profressor & Head, Dept of MIE	IIC COORDINATOR Prof. P. Tamizharasi Asst.Prof. Dept. of BT.	FACULTY COORDINATOR Dr. Valarmathy K Assot Prof. Dept. Of BT



The Oxford college of Engineering, Bangalore aims at providing a technoplatform for the faculty and students to enrich their domain skills, Industry-Academia collaboration is one of the prime focus of the Institute, in pursuit of this, the Institute invited the Professionals across the domains for a panel meeting to identify thrust areas of research and get deep insight into the Students/faculty projects and get expert comments on it for further progress. With this context we have invited Scientists and senior persons from the following Industries

1.	Dr.G K Sadananada	Deputy Director -COE for FPO
2.	Dr.Nandhini M Ghante	Plant Nutritionist- Isiri Group
3.	Biju George	Escorts -Kubota Ltd
4.	Harshavardhan Patil	Escorts -Kubota Ltd
5.	Ms.Tejaswini P	Escorts -Kubota Ltd
6.	Seshagiri	Escorts -Kubota Ltd
7.	SarpabhusanShivayogi	Jubilant Consumer P Ltd
8.	Jophins Mathews	Natural Remedies
9.	Umesha M.C	AFDC Ltd
10	Arhanth P	All India Agro
11	Ms.Geetha P	All India Agro
12	Mr.Vishal Srivastava	Flex Foods Ltd
13	Dr.Sarvankumar	Professor,CSE
14	Dr.DeviVigneshwari	Assot.Professor,EEE
15	Dr.Valarmathy K	Assot.Professor,BT

Dr. N. Kannan, Principal ofThe Oxford College of Engineering, extended a warm welcome to the panel members and outlined the purpose behind organizing the discussion. The panel deliberated on entrepreneurial prospects in the agri-products sector, emphasizing value addition, technology integration, and sustainable practices. Key highlights included market trends, funding options, and the pivotal role of innovation in agribusiness.

Mr.Biju George, Escort Kubato Ltd, appreciated the effort of the Oxford College of Engineering for organizing such panel discussion and applauded the interest of the Institution in taking technology to the farming sector. He briefed on the CSR efforts of Escort in providing technical training for the farmers. He expressed his displeasure as most of the farmers ends up in failing to sell their Agri produce for good price as there is a lacuna in connecting Producers and Byers. He stressed on the need of a platform to uphold the farmers for selling their produce. He told ESCORTS will take up any proposal of training farmers in venturing new crop type with bye back facility. **He welcomed the suggestion of Dr.B.K.Manjunatha, in training farmers with Aromatic crops and Extraction of Aromatic oil.**

Mr. Jophins Mathews from Natural Remedies, Bengaluru, highlighted the opportunities in the bulk drug and API production, he emphasised on the need of educating farmers to grow medicinal and

aromatic herbs and trading it. **He assured to provide necessary support in bringing farmers and Pharma companies in one platform.**

Mr. Arhanth from All India Agro underscored the absence of a **unified app connecting farmers** and buyers. Dr. Manjunath B.K advocated for the development of an app facilitating connections between farmers and buyers, featuring provisions for GI-tagged products, diverse offerings from different regions, and various associated dealers.

Dr. Nandhini from Isiri Group shed light on the significance of micronutrients in organic product production, addressing their market availability and the need for farmer awareness regarding fertilizers and their effects. Dr. Nandhini also emphasized on techniques for identifying leaf diseases in crops, leading to discussions on various methods. An ISE student shared insights into an app for geographical crop monitoring, utilizing image recognition to identify diseases. The discussion also touched upon soil screening methods, highlighting the role of modern technologies like sensors, AI and apps. She assured to provide field data on Plant pathogens for **AI mediated app development for early, easy and accurate detection of Plant diseases. She agreed to extend her expertise in developing micronutrient package for Hydroponic unit.**

Mr. Harshvardhan Patil, representing Escort, shared details about an app fostering direct interaction with farmers. The app facilitates communication between farmers and suppliers, connecting them with various markets, including major chains like Domino's and Pizza Hut. **He insisted on need for an integrated app that is user friendly, easy to operate, which don't demand 5G network, can reach farmers with 2G service. He insisted that, any app will become successful if it can integrate with WhatsApp as it has become common and most used platform. He agreed to help staff/students for developing such app.**

Mr. Sarpabhusan Shivayogi, from Jubilant Consumer P Ltd, briefed that, Jubilant is purchasing huge volume of fresh Agri produce for their daily needs, and he assured that, if any farmer grows food crops of company specification, he can arrange for purchase directly from farmers. Further he pointed that, any Agri produce with certification for zero residue will boost the market potential.

Students of ISE department presented a android app developed to support the marketing of GI products, the panel appreciated the student efforts and the mentors Dr.B.K.Manjunath & Dr.Kanagavalli for guiding the students. The panel decided to take this ap to the next level and asked, mentors and students to work on it, and to list out the technical and financial requirement to develop it and to present the same in next meeting scheduled on 28 February or 1st of March 2024.

Members Participated for Panel Discussion on 30/01/2024

S.No	Name of the participant	Representing Company
1	Dr.N.Kannan	Principal,TOCE
2	Dr.Preeths Sharan	Dean Research,TOCE
3	Dr.B.K.Manjunath	Professor &Head,BT
4	Dr.C.H.Naidu	Professor &Head,CSE
5	Dr.Kanagavalli	Professor &Head,ISE
6	Dr.Bindhu	Professor &Head,AIML
7	Dr.G K Sadananada	Deputy Director -COE for FPO
8	Dr.Nandhini M Ghante	Plant Nutritionist- Isiri Group
9	Biju George	Escorts -Kubota Ltd
10	Harshavardhan Patil	Escorts -Kubota Ltd
11	Ms.Tejaswini P	Escorts -Kubota Ltd
12	Seshagiri	Escorts -Kubota Ltd
13	SarpabhusanShivayogi	Jubilant Consumer P Ltd
14	Jophins Mathews	Natural Remedies
15	Umesha M.C	AFDC Ltd
16	Arhanth P	All India Agro
17	Ms.Geetha P	All India Agro
18	Mr.Vishal Srivastava	Flex Foods Ltd
19	Dr.Sarvankumar	Professor,CSE
20	Dr.DeviVigneshwari	Assot.Professor,EEE
21	Dr.Valarmathy K	Assot.Professor,BT



Glimpses of Panel Meeting held @ Board Room, TOCE on 30/01/2024

Outcomes

In conclusion, the panel recognized the need for INTEGRATED ONE STOP AGRI APP collaborative app development initiative involving TOCE and industries. The envisioned app would serve as a unified platform connecting farmers, industries, and buyers, streamlining communication and enhancing the overall agri-products ecosystem.

Facebook link: <https://www.facebook.com/share/p/zkvjtPUGj65NQG6p/?mibextid=qi2Omg>

Recording link: <https://youtu.be/MZa7x0MW1Sc>

LinkedIn: https://www.linkedin.com/feed/update/urn:li:activity:7158689840987869184?utm_source=share&utm_medium=member_android

Instagram: <https://www.instagram.com/p/C2wdXmlyrJB/?igsh=MTlwczF4OHpsdGh2Mw==>


 IIC Coordinator


 HoD


 IIC Convener


 Principal & President IIC
PRINCIPAL
 The Oxford College of Engineering
 Bommanahalli, Hosur Road
 Bengaluru-560 068

Mentor Institute Name: The Oxford College of Engineering

Activity: Workshop on “Intellectual Property Rights (IPRs) and IP Management for Start Up”

Facebook:

<https://www.facebook.com/share/p/YXrW262XktLJ6jef/?mibextid=xfxF2i>

Recording link:

<https://youtu.be/Q0w4ipfFhKA>

Children's Education Society®

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bengaluru-560 068
(Approved by AICTE, New Delhi, Accredited by NBA and NAAC with "A grade", New Delhi & Affiliated to VTU, Belgaum)

DEPARTMENT OF BIOTECHNOLOGY
In Association With
INSTITUTION'S INNOVATION COUNCIL (IIC)
IS ORGANIZING
WORKSHOP ON "INTELLECTUAL PROPERTY RIGHTS (IPRs) AND IP MANAGEMENT FOR START UP"

**HYBRID MODE ON
30/04/2024
TIME: 2:00 PM**

CORDIALLY INVITED IIC MENTEE INSTITUTIONS
VEMANA INSTITUTE OF TECHNOLOGY
ST. FRANCIS SALES COLLEGE
AL-AMEEN ARTS, SCIENCE & COMMERCE
ADARSH INSTITUTE OF MANAGEMENT
MERMIER KRUPANIDHI COLLEGE OF PHARMACY

Resource Person
Dr. Mary Mangaiyarkarasi M.S
IP Consultant
Bangalore
Bioinnovation Centre, Bangalore

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

PATRON
Dr. N. Kannan
Principal, President IIC
The Oxford College of Engineering

IIC CONVENER
Dr. Bindhu Madhavi
Professor & HOD
Department of AIML

CONVENER
Dr. B. K. Manjunatha
Professor & Head
Dept of Biotech

IIC MEMBER
P. Tamizharasi
Asst. Professor
Dept of Biotech

The Oxford College of Engineering, Bengaluru- Institution Innovation Council in association with The Department of Biotechnology along with Mentee Institutions- Vemana Institute of Technology, Adarsh Institute of Management, ST. Francis Sales College, Mermier, Krupanidhi College of Pharmacy, Al-Ameen Arts, Science & Commerce organized – Workshop on “Intellectual Property Rights (IPRs) and IP Management for Start Up” on 30.04.2024

Learning Objectives:

- To equip entrepreneurs and start-up founders with essential knowledge and practical skills to effectively manage and leverage their intellectual property.
- To educate participants on the various forms of intellectual property, including patents, trademarks, copyrights, trade secrets, and design rights.
- To provide information on available resources, such as government programs, legal support, and funding opportunities for IP development.
- To highlight the importance of protecting intellectual property rights and to promote respect for intellectual property in various fields such as science, technology, arts, and culture.

Learning Outcomes:

- The workshop emphasized the importance of protecting intellectual property and leveraging it to create value for businesses, raising awareness among entrepreneurs.
- Attendees gained insights into various strategies for managing and protecting intellectual property, including patents, trademarks, copyrights, and trade secrets.
- The expert speaker shared success stories and examples of how entrepreneurs have effectively used intellectual property to drive innovation, secure funding, and gain a competitive advantage, inspiring attendees to explore similar opportunities.
- The workshop provided a platform for entrepreneurs to network with intellectual property experts, potentially leading to collaborations, partnerships, or mentorship opportunities.
- The outcome of the workshop on entrepreneurship opportunities in IPR aims to empower entrepreneurs with the knowledge and resources needed to protect and leverage their intellectual property assets for business growth and success.

On April 30, 2024, The Oxford College of Engineering, The Department of Biotechnology Bengaluru- in association with the Institution Innovation Council along with Mentee Institutions- Vemana Institute of Technology, Adarsh Institute of Management, ST. Francis Sales College, Mermier, Krupanidhi College of Pharmacy, Al-Ameen Arts, Science & Commerce conducted a

hybrid-mode workshop “Intellectual Property Rights (IPRs) and IP Management for Start Up”. The session aimed to provide a comprehensive understanding of IPRs and IP Management for Start Up.

The workshop highlighted the dynamic intersection of entrepreneurship and Intellectual Property Rights (IPR), revealing the vast opportunities that arise when innovative ideas are strategically protected. By exploring the IPR landscape, this session aims to inspire, educate, and equip aspiring entrepreneurs with the tools and insights needed to navigate the complex world of intellectual property and use it as a catalyst for business success.

The speaker presented concrete examples of entrepreneurs who successfully used IP strategies to advance their ventures, illustrating how IP protection can be a powerful asset for attracting investors, forming partnerships, and fostering business growth. They emphasized the importance of collaboration and knowledge exchange among entrepreneurs, IP specialists, legal practitioners, and industry stakeholders. The expert discussion explored methods to leverage the collective strength of the innovation ecosystem to drive progress and expansion.

The workshop concluded with an opportunity for participants to pose questions and interact with the experts regarding specific topics or concerns related to intellectual property.

A total of 323 participants attended the workshop, including 3 faculty members and 42 students from Vemana Institute of Technology, 2 faculty members and 45 students from Adarsh Institute of Management, 3 faculty members and 20 students from St. Francis Sales College, Mermier, 5 faculty members and 13 students from Krupanidhi College of Pharmacy, 3 faculty members and 45 students from Al-Ameen Arts, Science & Commerce, and 3 faculty members and 47 students from The Oxford College of Engineering.

A. Participant details:

Sr.No.	Mentee Institute Name	Total no. of Staff (Teaching/Non-teaching) participation:	Total no. of Student participation:
1.	Vemana Institute of Technology	3	42
2.	Adarsh Institute of Management	2	45
3.	St. Francis Sales College, Mermier	3	20

4.	Krupanidhi College of Pharmacy	5	13
5.	Al-Ameen Arts, Science & Commerce	3	45

B. Attendance details:

Sr.No.	Mentee Institute Name	Participant Name	Contact Details
1	Vemana Institute Of Technology	Dr. Mukul Manohar S	8722100713
2	Vemana Institute Of Technology	Dr. Kiran Kumar N	9902029650
3	Vemana Institute Of Technology	Prof. Anjali R K	9980692263
4	Vemana Institute Of Technology	Abbavaram Snehalatha	91481 57155
5	Vemana Institute Of Technology	Afroz Ali	6364776165
6	Vemana Institute Of Technology	Aishwaran R	8296048354
7	Vemana Institute Of Technology	Akula Mokshitha	7993423463
8	Vemana Institute Of Technology	Amrutha. B	8618896679
9	Vemana Institute Of Technology	Anusha M	6360796551
10	Vemana Institute Of Technology	Arun Kumar N M	7795510640
11	Vemana Institute Of Technology	B.Lekha	89047 29759
12	Vemana Institute Of Technology	Balaji Koushik S	6361656372
13	Vemana Institute Of Technology	Basavaraja	8495808623
14	Vemana Institute Of Technology	Chandana K H	8088106487
15	Vemana Institute Of Technology	D Pandu Ranga Reddy	09900930496
16	Vemana Institute Of Technology	Darshan.D	6362279855
17	Vemana Institute Of Technology	Deeksha Gowri S N	6360128681
18	Vemana Institute Of Technology	Deeksha S.M	7892695151
19	Vemana Institute Of Technology	Deekshith Mc	9741576829
20	Vemana Institute Of Technology	Deepika. M. V	9743072844
21	Vemana Institute Of Technology	Dharani B	8618195389
22	Vemana Institute Of Technology	Gaddam Kishan Reddy	9985509100
23	Vemana Institute Of Technology	G Sai Sri Nithin Reddy	9182112179
24	Vemana Institute Of Technology	Geethanjali . M	9743242943
25	Vemana Institute Of Technology	Harish M	9845672356
26	Vemana Institute Of Technology	Harshitha.A	7899052809
27	Vemana Institute Of Technology	H B Sudeep Reddy	8296165495
28	Vemana Institute Of Technology	Jagadish Patel	9916339606
29	Vemana Institute Of Technology	Karthika Ht	9743853448
30	Vemana Institute Of Technology	Kashifa Ruheen A	9740578626
31	Vemana Institute Of Technology	Kavya S	6363926954
32	Vemana Institute Of Technology	Khadija Tul Kubra	8050755901
33	Vemana Institute Of Technology	Kommindala Jayanth	6361495389
34	Vemana Institute Of Technology	Krishna Ragma	7899495007
35	Vemana Institute Of Technology	Kruthik Kumar R	9353369015

36	Vemana Institute Of Technology	Lahari C G	9980005789
37	Vemana Institute Of Technology	L G Karthik Reddy	8184995832
38	Vemana Institute Of Technology	Likhitha V	9731998707
39	Vemana Institute Of Technology	Likith Sagar	9916425462
40	Vemana Institute Of Technology	Lucky Kiran S	9739700471
41	Vemana Institute Of Technology	M.Chaithanya	8179018650
42	Vemana Institute Of Technology	Mahesh A U	8147543604
43	Vemana Institute Of Technology	Mahesh.M	7892831728
44	Vemana Institute Of Technology	Manoj N S	8861208319
45	Vemana Institute Of Technology	Srikanth R	9380670741
46	Vemana Institute Of Technology	Shwetha. P	9538664640
47	Vemana Institute Of Technology	Narala Jyothi	8197141473
48	Adarsh Institute Of Management And Information Technology	Dr. M Gurusamy	9842589278
49	Adarsh Institute Of Management And Information Technology	Prof. Archana N	9731016027
50	Adarsh Institute Of Management And Information Technology	Arshitha	9108920255
51	Adarsh Institute Of Management And Information Technology	Bharath D	8105883829
52	Adarsh Institute Of Management And Information Technology	Akshaya T	6361059453
53	Adarsh Institute Of Management And Information Technology	Abhishek H.P	9108161620
54	Adarsh Institute Of Management And Information Technology	Abhiman M R	7625067910
55	Adarsh Institute Of Management And Information Technology	Ashish Rao	9620420696
56	Adarsh Institute Of Management And Information Technology	Manjunath U	7204053537
57	Adarsh Institute Of Management And Information Technology	Mahesh P	8884607297
58	Adarsh Institute Of Management And Information Technology	Kiran N V	9663063513
59	Adarsh Institute Of Management And Information Technology	Gagana	9741096394
60	Adarsh Institute Of Management And Information Technology	Gunashekar	6362128908
61	Adarsh Institute Of Management And Information Technology	Kasthuri Rayadu	9164992255
62	Adarsh Institute Of Management And Information Technology	Nandan N	7019270380
63	Adarsh Institute Of Management And Information Technology	Nandish R	7975251480
64	Adarsh Institute Of Management And Information Technology	Ambika Prasad	8639945742

65	Adarsh Institute Of Management And Information Technology	Raghavendra	7353362688
66	Adarsh Institute Of Management And Information Technology	Priyanka N	7760744253
67	Adarsh Institute Of Management And Information Technology	Rakesh R C	9742245277
68	Adarsh Institute Of Management And Information Technology	Priya B	7022322668
69	Adarsh Institute Of Management And Information Technology	Praveen Kumar A	9986343634
70	Adarsh Institute Of Management And Information Technology	Priyanka K S	7795390353
71	Adarsh Institute Of Management And Information Technology	Sneha Shivani S R	7019601512
72	Adarsh Institute Of Management And Information Technology	Suhas G B	6363299674
73	Adarsh Institute Of Management And Information Technology	Shivakumar H N	8431826524
74	Adarsh Institute Of Management And Information Technology	Jagadeesh	9353813503
75	Adarsh Institute Of Management And Information Technology	Sanjay Kumar V	9632656614
76	Adarsh Institute Of Management And Information Technology	Shiva Prakash	7204054472
77	Adarsh Institute Of Management And Information Technology	Shri Harsha	9449485085
78	Adarsh Institute Of Management And Information Technology	Soumya	9008129277
79	Adarsh Institute Of Management And Information Technology	Sandesh	9380881085
80	Adarsh Institute Of Management And Information Technology	Kishan	9096009727
81	Adarsh Institute Of Management And Information Technology	Kruthika Eh	7975918337
82	Adarsh Institute Of Management And Information Technology	Charan Kn	9480476899
83	Adarsh Institute Of Management And Information Technology	Ramakrishna	7353362688
84	Adarsh Institute Of Management And Information Technology	Smitha Gowda	9739886636
85	Adarsh Institute Of Management And Information Technology	Pragatheesh	8825932325
86	Adarsh Institute Of Management And Information Technology	Kudisia	8431204008
87	Adarsh Institute Of Management And Information Technology	Inchara. K	8147019450
88	Adarsh Institute Of Management And Information Technology	Sahana T A	8867665225

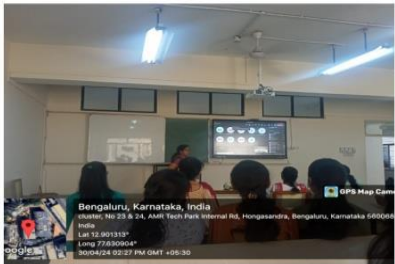
	Information Technology		
89	Adarsh Institute Of Management And Information Technology	Ritushri K R	9980190162
90	Adarsh Institute Of Management And Information Technology	Aishwarya. M	9611583258
91	Adarsh Institute Of Management And Information Technology	Anbu E	6362067685
92	Adarsh Institute Of Management And Information Technology	Thaswini S	9108868287
93	Adarsh Institute Of Management And Information Technology	Tiwari Mansimanoranjan	7977389157
94	Adarsh Institute Of Management And Information Technology	Srigowri M R	7676683689
95	St.Francis De Sales College	Mrs. Pavithra K(Staff)	9844845631
96	St.Francis De Sales College	Mrs. Ginsa (Staff)	8547525072
97	St.Francis De Sales College	Ms.Vijayalakshmi (Staff)	7558195907
98	St.Francis De Sales College	Aleena Maria P N	7204074944
99	St.Francis De Sales College	Aghna Shelju	9148762507
100	St.Francis De Sales College	Bismaya Saju	8089858366
101	St.Francis De Sales College	Nisha R	9886570852
102	St.Francis De Sales College	Shreyas .M.V	9632522869
103	St.Francis De Sales College	Chandana .E	8431301137
104	St.Francis De Sales College	Pruthvi	9113010156
105	St.Francis De Sales College	Joshua Jeswin	7019242431
106	St.Francis De Sales College	Silambarasu S	8792730849
107	St.Francis De Sales College	Ramesh	6364445014
108	St.Francis De Sales College	Shamil	9019079564
109	St.Francis De Sales College	Tejash Keerthi	6360063636
110	St.Francis De Sales College	Karan	9108602320
111	St.Francis De Sales College	Satish R Kulkarni	7618772482
112	St.Francis De Sales College	Disha R	9611455988
113	St.Francis De Sales College	Sharmila	9538879307
114	St.Francis De Sales College	Varun R	7892026547
115	St.Francis De Sales College	Deeksha K	9019784562
116	St.Francis De Sales College	Namratha	7204076478
117	St.Francis De Sales College	Praveen Kumar	8867135145
118	Krupanidhi College Of Pharmacy	Dr. Nimisha	9980276335
119	Krupanidhi College Of Pharmacy	Mrs.Pradiptima	6290134831
120	Krupanidhi College Of Pharmacy	Dr.Paramitha	9742250412
121	Krupanidhi College Of Pharmacy	Dr.Ramandang	9945846106
122	Krupanidhi College Of Pharmacy	Dr.Kavitha	9886887421
123	Krupanidhi College Of Pharmacy	Mrs.Saraha Priyanka	8179791327

124	Krupanidhi College Of Pharmacy	Mrs.Lisma	9440850352
125	Krupanidhi College Of Pharmacy	Mayukh Sarkar	7548023589
126	Krupanidhi College Of Pharmacy	Aishwarya	9535835379
127	Krupanidhi College Of Pharmacy	Krupa	7892800481
128	Krupanidhi College Of Pharmacy	Vaishnavi	9148912566
129	Krupanidhi College Of Pharmacy	Gokul	6382967161
130	Krupanidhi College Of Pharmacy	Anamika	9474062803
131	Krupanidhi College Of Pharmacy	Siri	7892226746
132	Krupanidhi College Of Pharmacy	Hemavathy	8792460933
133	Krupanidhi College Of Pharmacy	Suman	7337785051
134	Krupanidhi College Of Pharmacy	Sharat	9894630879
135	Al Ameen Arts, Science And Commerce College.	Ms. Farha Naaz (Staff)	9901140915
136	Al Ameen Arts, Science And Commerce College.	Ms. Venila B (Staff)	8073251038
137	Al Ameen Arts, Science And Commerce College.	Mrs. Nuzhath Kwaikib (Staff)	8496051861
138	Al Ameen Arts, Science And Commerce College.	Gowtham P R	8123980991
139	Al Ameen Arts, Science And Commerce College.	Dawood Mohammed Usman	8296171822
140	Al Ameen Arts, Science And Commerce College.	Mohammed Sameer B A	7820987980
141	Al Ameen Arts, Science And Commerce College.	Yusra Anwar	7338117834
142	Al Ameen Arts, Science And Commerce College.	Umme Salma	7019932959
143	Al Ameen Arts, Science And Commerce College.	Nazar Fuhad K	9188462689
144	Al Ameen Arts, Science And Commerce College.	Muhyadeen Ajmal	9113596488
145	Al Ameen Arts, Science And Commerce College.	Nikhath Fathima	8310398881
146	Al Ameen Arts, Science And Commerce College.	Sorathiya Senila Salimbhai	8281577653
147	Al Ameen Arts, Science And Commerce College.	Hadiya Khanum	8799117264
148	Al Ameen Arts, Science And Commerce College.	Abdul Rehman	7619118927
149	Al Ameen Arts, Science And Commerce College.	Ayesha	7004235281
150	Al Ameen Arts, Science And Commerce College.	Rafiya Naaz	7795496244
151	Al Ameen Arts, Science And Commerce College.	Aafiya Firdose	9845409507

152	Al Ameen Arts, Science And Commerce College.	Noor Ruba	9886001372
153	Al Ameen Arts, Science And Commerce College.	Mohammed Fahad	9353600097
154	Al Ameen Arts, Science And Commerce College.	Mohammed Saif	9980599923
155	Al Ameen Arts, Science And Commerce College.	Mohammed Usman Iliyaz Ahmed	9972446766
156	Al Ameen Arts, Science And Commerce College.	Tanzeem Taj	9886729976
157	Al Ameen Arts, Science And Commerce College.	Umme Zoya	9916447178
158	Al Ameen Arts, Science And Commerce College.	Shaik Sinda Althaf	9986739703
159	Al Ameen Arts, Science And Commerce College.	Saifullah Khalid	9746032861
160	Al Ameen Arts, Science And Commerce College.	Usman. S Mohammed	8884868465
161	Al Ameen Arts, Science And Commerce College.	Syedda Noor Fathima	9900097662
162	Al Ameen Arts, Science And Commerce College.	Danish Ali Khan	9998196852
163	Al Ameen Arts, Science And Commerce College.	Mohammed Afnan Ma	8095788973
164	Al Ameen Arts, Science And Commerce College.	Saadia	9448239473
165	Al Ameen Arts, Science And Commerce College.	Mohammed Faraz K	6363825039
166	Al Ameen Arts, Science And Commerce College.	Mohamed Affrar Sa	8217378944
167	Al Ameen Arts, Science And Commerce College.	Sumera Sadaf	9880459565
168	Al Ameen Arts, Science And Commerce College.	Syed Junaid	9632464762
169	Al Ameen Arts, Science And Commerce College.	Bibi Zainab Taiba	8050937484
170	Al Ameen Arts, Science And Commerce College.	Khutejalull Kubra	8281577653
171	Al Ameen Arts, Science And Commerce College.	Shaik Zubair Ahmed	9066177071
172	Al Ameen Arts, Science And Commerce College.	Umme Kulsum	7861022823
173	Al Ameen Arts, Science And Commerce	Tasmiya Fathima	9741959304

	College.		
174	Al Ameen Arts, Science And Commerce College.	Mufeeza	9035362132
175	Al Ameen Arts, Science And Commerce College.	Abida Fathima	6363825039
176	Al Ameen Arts, Science And Commerce College.	Azra Fathima	9448239473
177	Al Ameen Arts, Science And Commerce College. Al Ameen Arts, Science And Commerce College.	Syed Owaise	8095788973
178	Al Ameen Arts, Science And Commerce College.	Tuba Kowser	9998196852
179	Al Ameen Arts, Science And Commerce College.	Nithin M	9900097662
180	Al Ameen Arts, Science And Commerce College.	Jafin Shaik	8884868465
181	Al Ameen Arts, Science And Commerce College.	Muskan	8281577653

Glimpses of Workshop on Offline Mode



THE OXFORD COLLEGE OF ENGINEERING
 (Approved by AICTE, New Delhi, Accredited by NSA and NAAC with 'A grade', New Delhi & Affiliated to VTU, Belgaum)

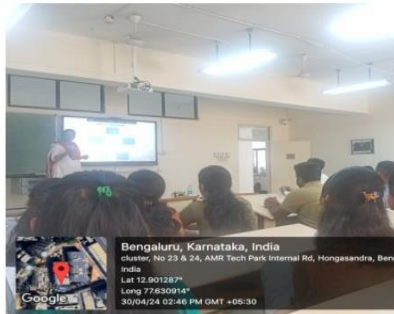
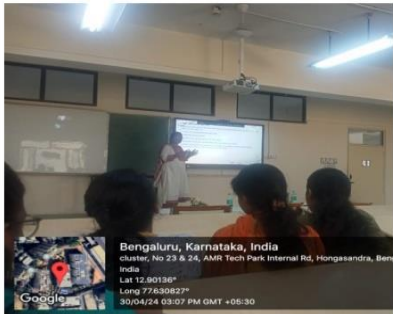
DEPARTMENT OF BIOTECHNOLOGY
 In Association With
INSTITUTION'S INNOVATION COUNCIL (IIC)
 IS ORGANIZING
WORKSHOP ON "INTELLECTUAL PROPERTY RIGHTS (IPRs) AND IP MANAGEMENT FOR START UP"

HYBRID MODE ON 30/04/2024 TIME: 2:00 PM

CORDIALLY INVITED IIC MENTEE INSTITUTIONS
 VEMANA INSTITUTE OF TECHNOLOGY
 ST. FRANCIS SALES COLLEGE
 AL-AMEEN ARTS, SCIENCE & COMMERCE
 ADARSH INSTITUTE OF MANAGEMENT
 MERMIER KEUPANIDHI COLLEGE OF PHARMACY

Resource Person
 Dr. Mary Mangalyarkarasi M.S
 IP Consultant Bangalore
 Bioinnovation Centre, Bangalore

CHIEF PATRON Dr.S. N. V. I. Nageshima Raja President The Oxford Educational Institutions	PATRON Dr. N. Kannan Principal, President IIC The Oxford College of Engineering	IIC CONVENER Dr. Bintha Madhavi Professor & IIC In-charge Department of APMT	CO-FAKEDER Dr. R.K. Ranjanatha Professor & Head Dept of Biotech	IIC MEMBER P. Tamilarasi Asst. Professor Dept of Biotech
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Glimpses of Workshop on Online Mode

The image displays two screenshots of a Zoom meeting interface for a workshop on Intellectual Property Rights (IPR). The top screenshot, taken at 50:15, shows a slide titled "INNOVATION AND INTELLECTUAL PROPERTY". The slide content includes the text "• INVENTIONS ARE THE BEDROCK OF INNOVATION." followed by a flowchart: Invention → IP Protection → Innovation. Below this is a pyramid diagram with six levels: "Protecting Inventions" (red base), "Manage Competition" (orange), "Design Freedom" (yellow), "Build Markets and Relationships" (green), "Deliver Revenue/EV" (teal), and "Biz Strategy Driver" (purple top). A vertical arrow on the right is labeled "Potential Return". The source is cited as "Source: WIPO". The bottom screenshot, taken at 50:48, shows a slide titled "Patents". The central diagram features "Patents" in a central orange hexagon, surrounded by six other hexagons: "Finance further R&D" (purple), "Recognition & Reward to inventors" (orange), "New technology into market" (green), "Societal benefit" (green), "Creates small business" (teal), and "Attract investors" (blue). To the right of the diagram is a text box: "Offers policy makers useful insights about where technology R&D is taking place and by whom". Both screenshots show a Zoom interface with a toolbar at the top, a video thumbnail on the left, and a participants list on the right. The participants list includes presenters (PAVANA, Dr.Valarmathy, Tamizharasi) and attendees (Aghna Shelju, AIMIT-MBA SE..., AIML-Student, Akshay Prasan..., Aleena, Anil Kiran).

Workshop On IPR

20:41

Take control Pop out Chat People 58 Raise React View More Camera Mic Share Leave

Rashmi N (...)

View all

P

TO CREATE VALUE OUT OF PATENTS

- Exclusivity / monopoly - patents (IPR) support exclusivity
 - Monopoly Right to prevent others from making, using, Offering for sale, selling or importing Infringing products
 - In the country where the patent is valid and as long as the patent is valid
 - Right to assign, sell or license these rights
- Return for your investment

Participants

Type a name

Mute all

Presenters (3)

- PAVANA
- Dr.Valarmathy Organizer
- Tamizharasi (Guest) Meeting guest

Attendees (56)

- Aghna Shelju (Guest) Meeting guest
- AIMIT-MBA SE... (Guest) Meeting guest
- Aishwarya gow... (Guest) Meeting guest
- Akshay Prasan... (Guest) Meeting guest
- Aleena (Guest) Meeting guest
- Anil Kiran (Guest) Meeting guest

Dr.Valarmathy

Workshop On IPR

54:10

Take control Pop out Chat People 60 Raise React View More Camera Mic Share Leave

Rashmi N (...)

sourabh (G...)


Rishikesh A... View all

P

Customisable 3D bioprinter (TRIVIMA)

Patent No. **326612** (EXTRUDER HOLDER ASSEMBLY OF A 3D PRINTING MACHINE)

Contrary to conventional 3D Printers, the syringe, thermoelectric cooler and heat exchanger are placed in a single housing of extruder holder for better cooling performance.



Participants

Type a name

Mute all

Presenters (3)

- PAVANA
- Dr.Valarmathy Organizer
- Tamizharasi (Guest) Meeting guest

Attendees (57)

- Aghna Shelju (Guest) Meeting guest
- AIMIT-MBA SE... (Guest) Meeting guest
- AIML-Student
- Akshay Prasan... (Guest) Meeting guest
- Aleena (Guest) Meeting guest
- Anil Kiran (Guest) Meeting guest

Dr.Valarmathy

Workshop On IPR

25:42

Take control Pop out Chat People 59 Raise React View More Camera Mic Share Leave

Rashmi N (...)

sourabh (G...)

Rishikesh A... View all

P

Strategy for IP creation

Technology field		Contribution	
High	High	High	High
High	Low	Low	Low
Low	High	High	High
Low	Low	Low	Low

Contribution: Focus efforts here: high-quality IP that's relevant

Risk:

- Increase organization's creation ability
- Potential to license IP

Defensive:

- High-quality IP but less relevant
- IP licensing opportunity to non-competing products
- Defensive publishing prevents others creating IP

Indefinite:

- Mature stage: maintenance, no more IP expected
- Early stage: could be new breakthrough technology

Participants

Type a name

Mute all

Presenters (3)

- PAVANA
- Dr.Valarmathy Organizer
- Tamizharasi (Guest) Meeting guest

Attendees (56)

- Aghna Shelju (Guest) Meeting guest
- AIMIT-MBA SE... (Guest) Meeting guest
- Akshay Prasan... (Guest) Meeting guest
- Aleena (Guest) Meeting guest
- Anil Kiran (Guest) Meeting guest
- Anushka V (Guest) Meeting guest

Dr.Valarmathy

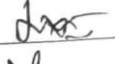

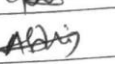




















ATTENDANCE SHEET

Workshop on “Intellectual Property Rights (IPRs) and IP Management for StartUp”

Resource Person: Dr. Mary Mangaiyarkarasi M.S

Designation: IP Consultant, Bangalore Bio Innovation Centre, Bangalore.

Date: 30/04/2024

Sl. No	USN / Faculty ID	Name	Department	Signature
01	10X22BT020	Hirupadi	BT	
02	10X22BT017	Mishir	BT	
03	10X22BT009	Chittabhadra Research D	BT	
04	10X22BT001	Abhinav Y.B	BT	
05	10X22BT004	Anjal Deenay	BT	
06	10X22BT003	Aditi Ashok	BT	
07	10X22BT032	Yogita .S	BT	
08	10X22BT027	Sijal	BT	
09	10X22BT007	Madhusudhan	BT	
10	10X22BT030	Sri Varsha	BT	
11	10X22BT008	Vanaja T	BT	
12	10X22BT021	Nisha .M	BT	
13	10X22BT019	Sathvika	BT	
14	10X22BT024	Ranya . M	BT	
15	10X22BT025	Ranya TM	BT	
16	10X22BT014	Kruni B S	BT	
17	10X22BT002	Akhinayarsi.M	BT	
18	10X22BT006	Aparna . P P	BT	
19	10X22BT010	Madhusree. K.V	BT	
20	10X22BT029	Supradha . N	BT	
21	10X22BT001	Aspila . Malapuz	BT	
22	10X22BT018	RAKESH . B . M	BT	
23	10X22BT033	Vireadhitha . S	BT	
24	1020BT032	Vibha - J	BT	
25	10X20BT017	Pavithra S.K.	BT	

26	10X21BT026	Navaneeth. P	BT	Navaneeth
27	10X21BT004	C Dhanush Kumar Reddy	BT	Dhanush
28	10X21BT036	Caneth	BT	Caneth
29	10X21BT033	Rakesh Mishra	BT	Rakesh
30	10X21BT020	Mohammed Shezan	BT	Shezan
31	10X21BT005	Manjunath	BT	Manjunath
32	10X21BT097	Samith Galayak	BT	Samith
33	10X21BT009	Gagan K C	BT	Gagan
34	10X21BT010	Gowindaraj HN	BT	Gowindaraj
35	10X21BT019	Sultan	BT	Sultan
36	10X21BT029	Prasanth S	BT	Prasanth
37	10X21BT029	Thega	BT	Thega
38	10X21BT035	Padmasree	BT	Padmasree
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40	10X21BT034	Pruchita	BT	Pruchita
41	10X21BT028	Pavithra M	BT	Pavithra
42	10X21BT029	Shalini Myyammai	BT	Shalini
43	10X21BT038	Seemone Khadei	BT	Seemone
44	10X21BT043	Sinisha. M	BT	Sinisha
45	10X21BT042	Shruti Mutalik	BT	Shruti
46	10X21BT031	Priya Shashidar	BT	Priya
47	10X21BT032	Paranika	BT	Paranika
48	10X21BT040	Shraanya. M. C	BT	Shraanya
49	10X21BT022	Mythri. N	BT	Mythri
50	Engg 2195	P. Tamizharasi	BT	P. Tamizharasi


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 IIC Convener


 Principal & President IIC
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 The Oxford College of Engineering
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 Bengaluru-560 068



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2(f) Bommanahalli, Hosur Road, Bangalore – 560068. ☎: 080 -30219601/602, Fax: 080 – 25730551/ 30219629 E-mail:
engprincipal@theoxford.edu Web: www.theoxford.edu

Panel Discussion on Entrepreneurship Opportunities for Agri Products

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(Approved by AICTE, New Delhi, Accredited by NBA and NAAC with "A grade", New Delhi & Affiliated to VTU, Belgaum)
DEPARTMENT OF BIOTECHNOLOGY
In Association With
Institution's Innovation Council (IIC)
Is organizing

Panel Discussion on Entrepreneurship Opportunities for Agri Products

Date: 30/01/2024
Time: 11.00 am
Venue : Digital Classroom ,BT

CHIEF PARTON Dr. S. N. V. L. Narasimha Raju President The Oxford Educational Institutions	PATRON Dr. N. Kannan Principal The Oxford College of Engineering	CONVENOR Dr. B.K. Manjunath Professor & Head Department of BT
IIC CONVENER Dr. C. Manjula Profressor & Head, Dept of MIE	IIC COORDINATOR Prof. P. Tamizharasi Asst.Prof. Dept. of BT.	FACULTY COORDINATOR Dr. Valarmathy K Assot Prof. Dept. Of BT



The Oxford college of Engineering, Bangalore aims at providing a technoplatform for the faculty and students to enrich their domain skills, Industry-Academia collaboration is one of the prime focus of the Institute, in pursuit of this, the Institute invited the Professionals across the domains for a panel meeting to identify thrust areas of research and get deep insight into the Students/faculty projects and get expert comments on it for further progress. With this context we have invited Scientists and senior persons from the following Industries

1.	Dr.G K Sadananada	Deputy Director -COE for FPO
2.	Dr.Nandhini M Ghante	Plant Nutritionist- Isiri Group
3.	Biju George	Escorts -Kubota Ltd
4.	Harshavardhan Patil	Escorts -Kubota Ltd
5.	Ms.Tejaswini P	Escorts -Kubota Ltd
6.	Seshagiri	Escorts -Kubota Ltd
7.	SarpabhusanShivayogi	Jubilant Consumer P Ltd
8.	Jophins Mathews	Natural Remedies
9.	Umesha M.C	AFDC Ltd
10	Arhanth P	All India Agro
11	Ms.Geetha P	All India Agro
12	Mr.Vishal Srivastava	Flex Foods Ltd
13	Dr.Sarvankumar	Professor,CSE
14	Dr.DeviVigneshwari	Assot.Professor,EEE
15	Dr.Valarmathy K	Assot.Professor,BT

Dr. N. Kannan, Principal ofThe Oxford College of Engineering, extended a warm welcome to the panel members and outlined the purpose behind organizing the discussion. The panel deliberated on entrepreneurial prospects in the agri-products sector, emphasizing value addition, technology integration, and sustainable practices. Key highlights included market trends, funding options, and the pivotal role of innovation in agribusiness.

Mr.Biju George, Escort Kubato Ltd, appreciated the effort of the Oxford College of Engineering for organizing such panel discussion and applauded the interest of the Institution in taking technology to the farming sector. He briefed on the CSR efforts of Escort in providing technical training for the farmers. He expressed his displeasure as most of the farmers ends up in failing to sell their Agri produce for good price as there is a lacuna in connecting Producers and Byers. He stressed on the need of a platform to uphold the farmers for selling their produce. He told ESCORTS will take up any proposal of training farmers in venturing new crop type with bye back facility. **He welcomed the suggestion of Dr.B.K.Manjunatha, in training farmers with Aromatic crops and Extraction of Aromatic oil.**

Mr. Jophins Mathews from Natural Remedies, Bengaluru, highlighted the opportunities in the bulk drug and API production, he emphasised on the need of educating farmers to grow medicinal and

aromatic herbs and trading it. **He assured to provide necessary support in bringing farmers and Pharma companies in one platform.**

Mr. Arhanth from All India Agro underscored the absence of a **unified app connecting farmers** and buyers. Dr. Manjunath B.K advocated for the development of an app facilitating connections between farmers and buyers, featuring provisions for GI-tagged products, diverse offerings from different regions, and various associated dealers.

Dr. Nandhini from Isiri Group shed light on the significance of micronutrients in organic product production, addressing their market availability and the need for farmer awareness regarding fertilizers and their effects. Dr. Nandhini also emphasized on techniques for identifying leaf diseases in crops, leading to discussions on various methods. An ISE student shared insights into an app for geographical crop monitoring, utilizing image recognition to identify diseases. The discussion also touched upon soil screening methods, highlighting the role of modern technologies like sensors, AI and apps. She assured to provide field data on Plant pathogens for **AI mediated app development for early, easy and accurate detection of Plant diseases. She agreed to extend her expertise in developing micronutrient package for Hydroponic unit.**

Mr. Harshvardhan Patil, representing Escort, shared details about an app fostering direct interaction with farmers. The app facilitates communication between farmers and suppliers, connecting them with various markets, including major chains like Domino's and Pizza Hut. **He insisted on need for an integrated app that is user friendly, easy to operate, which don't demand 5G network, can reach farmers with 2G service. He insisted that, any app will become successful if it can integrate with WhatsApp as it has become common and most used platform. He agreed to help staff/students for developing such app.**

Mr. Sarpabhusan Shivayogi, from Jubilant Consumer P Ltd, briefed that, Jubilant is purchasing huge volume of fresh Agri produce for their daily needs, and he assured that, if any farmer grows food crops of company specification, he can arrange for purchase directly from farmers. Further he pointed that, any Agri produce with certification for zero residue will boost the market potential.

Students of ISE department presented a android app developed to support the marketing of GI products, the panel appreciated the student efforts and the mentors Dr.B.K.Manjunath & Dr.Kanagavalli for guiding the students. The panel decided to take this ap to the next level and asked, mentors and students to work on it, and to list out the technical and financial requirement to develop it and to present the same in next meeting scheduled on 28 February or 1st of March 2024.

Members Participated for Panel Discussion on 30/01/2024

S.No	Name of the participant	Representing Company
1	Dr.N.Kannan	Principal,TOCE
2	Dr.Preeths Sharan	Dean Research,TOCE
3	Dr.B.K.Manjunath	Professor &Head,BT
4	Dr.C.H.Naidu	Professor &Head,CSE
5	Dr.Kanagavalli	Professor &Head,ISE
6	Dr.Bindhu	Professor &Head,AIML
7	Dr.G K Sadananada	Deputy Director -COE for FPO
8	Dr.Nandhini M Ghante	Plant Nutritionist- Isiri Group
9	Biju George	Escorts -Kubota Ltd
10	Harshavardhan Patil	Escorts -Kubota Ltd
11	Ms.Tejaswini P	Escorts -Kubota Ltd
12	Seshagiri	Escorts -Kubota Ltd
13	SarpabhusanShivayogi	Jubilant Consumer P Ltd
14	Jophins Mathews	Natural Remedies
15	Umesha M.C	AFDC Ltd
16	Arhanth P	All India Agro
17	Ms.Geetha P	All India Agro
18	Mr.Vishal Srivastava	Flex Foods Ltd
19	Dr.Sarvankumar	Professor,CSE
20	Dr.DeviVigneshwari	Assot.Professor,EEE
21	Dr.Valarmathy K	Assot.Professor,BT



Glimpses of Panel Meeting held @ Board Room, TOCE on 30/01/2024

Outcomes

In conclusion, the panel recognized the need for INTEGRATED ONE STOP AGRI APP collaborative app development initiative involving TOCE and industries. The envisioned app would serve as a unified platform connecting farmers, industries, and buyers, streamlining communication and enhancing the overall agri-products ecosystem.

Facebook link: <https://www.facebook.com/share/p/zkvjtPUGj65NQG6p/?mibextid=qi2Omg>

Recording link: <https://youtu.be/MZa7x0MW1Sc>

LinkedIn: https://www.linkedin.com/feed/update/urn:li:activity:7158689840987869184?utm_source=share&utm_medium=member_android

Instagram: <https://www.instagram.com/p/C2wdXmlyrJB/?igsh=MTlwczF4OHpsdGh2Mw==>


IIC Coordinator

HoD

IIC Convener


Principal & President IIC
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Bengaluru-560 068



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WORLD INTELLECTUAL PROPERTY DAY



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The Oxford College of Engineering
In Association with IIC
Celebrating
WORLD INTELLECTUAL PROPERTY DAY

Resource Person

Basics of Intellectual Property Right: Dr Manjnatha B K, Professor, Dept of BT, TOCE

Hands on Session on Patent Search: Dr Valarmathy, Assoc Professor, Dept of BT, TOCE

Date: 27/04/24 , 11:00 AM Onwards

Venue: Digital classroom, BT

Chief Patron Sri S.N.V.L Narasimha Raju President The Oxford Educational Institutions	Patron Dr. N. Kannan Principal & President IIC The Oxford College of Engineering	IIC Convener Dr. Bindhu Madhavi Professor & HOD Department of AIML	IIC Member P. Tamizharasi Asst. Professor Dept of Biotechnology
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The Oxford College of Engineering, Bangalore- Institution Innovation Council with Department of Biotechnology, TOCE celebrated World Intellectual Property Day on 27th April 2024 from 11.00 A.M in the Department of Biotechnology.

OBJECTIVES:

- To raise awareness about the role that intellectual property (IP) rights play in encouraging innovation and creativity.
- To celebrate the contributions of creators and innovators to the development of societies and economies worldwide.

- To highlight the importance of protecting intellectual property rights and to promote respect for intellectual property in various fields such as science, technology, arts, and culture.

World Intellectual Property Day was celebrated by The Department of Biotechnology in Association with Institution Innovation Council (IIC) on 27/04/24. Dr. Manjunath B K, Professor & Head of Department, and Dr. Valarmathy, Associate Professor, both from the Department of Biotechnology at The Oxford College of Engineering, Bangalore were featured in the session.

They provide valuable insights into the intersection of biotechnology and intellectual property rights. They discussed topics such as patenting biotechnological innovations, navigating intellectual property laws in the biotech industry, and the importance of protecting intellectual property for fostering innovation and economic growth.

Dr. Manjunath emphasized the role of IP rights in stimulating innovation by granting creators and innovators exclusive control over their creations. He elaborated on this by presenting case studies or examples illustrating how the protection of intellectual property has driven economic growth and technological progress across diverse industries. He explained pragmatic guidance for crafting an intellectual property strategy customized to suit the requirements of businesses and startups. This encompassed approaches for acquiring, overseeing, and enforcing IP assets. He emphasized the advantages of embedding IP considerations into the fabric of business planning and decision-making procedures.

Dr. Valarmathy provided definitions for intellectual property and its diverse manifestations, including patents, trademarks, copyrights, and more. She underscored the significance of IP rights in safeguarding intangible assets like innovations, creative endeavors, and brand identities. She explored potential future trends in IP law and policy, including the implications of emerging technologies like artificial intelligence and block chain on the enforcement and protection of IP rights. She also delved into the legal and ethical dilemmas that may arise from the rapid pace of technological advancement and increasing globalization.

The session concluded with an opportunity for participants to pose questions and interact with the experts regarding specific topics or concerns related to intellectual property.

OUTCOME:

The outcome of the expert talk on World Intellectual Property Day likely involved increased awareness and understanding among participants about the importance of intellectual property

rights. They may have gained insights into various aspects of IP, including its role in fostering innovation, challenges in enforcement, and strategies for protection. Additionally, participants might have had their questions addressed, leading to a more informed and empowered perspective on navigating the complexities of intellectual property in their respective fields or industries. Overall, the talk likely served to promote dialogue, collaboration, and a greater appreciation for the value of intellectual property in driving societal and economic development. 52 Students and 3 Faculties participated in the event and made it successful.



Facebook:

https://m.facebook.com/story.php?story_fbid=pfbid0A2N7ZLmtTJTgkpPsxApG2jYzc2Ddsm1eVUUvaJebiLHZdA3z6FnWWya113KYz6wL1&id=100076261560657&sfnsn=wiwspwa&mibextid=6aamW6

Recording link:

https://youtu.be/WLM_nUTkxw

ATTENDANCE SHEET

World Intellectual Property Day

Resource Person: Dr. Manjunatha B K, Professor & HOD, Dept of BT
Dr. Valarmathy K, Assoc. Professor, Dept of BT,
The Oxford College of Engineering, Bangalore.

Date: 27/04/2024

Sl. No	USN / Faculty ID	Name	Department	Signature
01	10X20BT010	Madhuphree. K.V	BT	
02	10X20BT029	Supradha. V	BT	
03	10X20BT003	Aspita. Marlapur	BT	
04	10X20BT018	RAKESH. B.M	BT	
05	10X20BT033	Madhuphree	BT	
06	10X20BT032	Vibha - J	BT	
07	10X20BT017	Pavithra S.K	BT	
08	10X20BT031	Umme Aymam	BT	
09	10X20BT002	Anvisha. M.A	BT	
10	10X20BT027	SRIVIDHAN	BT	
11	10X20BT016	Pavan S	BT	
12	10X20BT024	Shannen Sheril	BT	
13	10X20BT013	Gretal. Nalli	BT	
14	10X17BT035	Sibhajit Saikia	BT	
15	10X20BT026	Shreya	BT	
16	10X20BT028	Srushti	BT	
17	10X20BT007	Deepika	BT	
18	10X20BT030	Tarjia Ireshad	BT	
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20	10X21BT022	Mythri.N	BT	
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22	10X21BT029	Prashanth	BT	
22	10X21BT044	Brijan . P S	BT	
24	10X21BT049	Thegu. M	BT	
25	10X21BT015	Kowshalya.c	BT	

26	10X21BT011	Harini. R	BT	Harini R
27	10X21BT019	Sivarakshana	BT	Free
28	10X21BT03A	Ruchitha. K C	BT	Free
29	10X21BT03A	Saritha. G. Nayak	BT	Free
30	10X21BT043	Seetha. M	BT	Free
31	10X21BT038	Seemone Khadevi	BT	Seemone
32	10X21BT039	Shalini Myyammal	BT	Shalini M
33	10X21BT001	Shruti. Muralik	BT	Shruti
34	10X21BT031	Priya	BT	Free
35	10X21BT032	Pavanika	BT	Free
36	10X21BT001	Adithya. B. V	BT	Adithya
37	10X21BT016	Ravanya. S. M	BT	Ravanya. S.M
38	10X21BT004	Dhanush	BT	Dhanush
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44	10X21BT019	Mohamad. Sulthan. J	BT	Mohamad
45	10X21BT021	Moulya Shree	BT	Moulya
46	10X21BT028	Navana. P. L	BT	Navana
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49	10X21BT007	Deeksha. Gurur	BT	Deeksha
50	10X21BT012	Ititaish. A. V	BT	Ititaish
51	10X21BT013	Isha. poojari	BT	Isha
52	10X21BT003	Bharanishwari	BT	Bharanishwari
53	10X21BT030	Pravalika	BT	Pravalika
54	10X21BT023	Naitik	BT	Naitik
55	Engg 2195	P. Tamizharasi	BT	P. Tamizharasi

P. Jishi

HC Coordinator

Munir

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Organizing a

Exposure Visit on

**“Entrepreneurship and Start-up opportunities
in the field of Sensor Technology”**

Chief Patron

Dr.S.N.V.L

Narasimha Raju

President

The Oxford Educational

Institutions

Dr. N. Kanna

**Principal & President
IIC**

**The Oxford College of
Engineering**

On

18th October 2023 @ 11:00 AM – 03:30 PM

**Location: Central Manufacturing Technology Institute(CMTI)
Yeshwanthpur , Bengaluru, Karnataka 560022**

Dr C . Manjula

IIC Convener

**The Oxford College of
Engineering**

Dr. R CH A Naidu

**Head of the
Department , CSE**

**The Oxford College of
Engineering**

IIC Ambassadors

Dr E Saravana Kumar/CSE

Prof.M.Sathya/CSE

Faculty coordinator

Prof. J Jessy Janet Kumari/CSE



The Oxford college of Engineering, Bangalore- Institution Innovation Council in association with Department of Computer Science and Engineering organized an Exposure Visit “Entrepreneurship and Start-up opportunities in the field of Sensor technology” on 18th October 2023 from 10:00 AM to 4.00 PM to Central Manufacturing Technology Institute, Yeshwanthpur, Bengaluru. On 18th Oct 2023, 50 students & a faculty J Jesy Janet Kumari, Assistant Professor from the Department of Computer Science & Engineering, The Oxford College of Engineering visited the Central Manufacturing Technology Institute (CMTI) in Bangalore, India. CMTI is a premier research and development organization focusing on entrepreneurship and start-up opportunities. It is an autonomous institution under the administrative control of the Ministry of Heavy Industries, Government of India. CMTI plays a key role in the progress of innovation and Entrepreneurship. It has a strong track record of developing and commercializing innovative technologies and has helped to establish many young entrepreneurs and provided a path to establish start-up opportunities.

During the visit, students had the opportunity to interact with CMTI scientists and engineers and learn about some of their latest opportunities in entrepreneurship and development projects. They also visited the CMTI manufacturing facilities, where a variety of advanced machines and processes in action. The visit to CMTI was a valuable learning experience. It gave us a firsthand look at the cutting-edge manufacturing technologies that are being developed in India. Students were also impressed by the commitment and dedication of the CMTI team to helping Indian companies succeed and leading the path of start-up activities.

OBJECTIVE:

Sensor technology has been at the forefront of technological advancements, with applications in various industries, including healthcare, automotive, agriculture, and IoT. The main Objective of the exposure visit aimed to explore entrepreneurship and start-up opportunities in the field of sensor technology, providing insights into emerging trends, challenges, and potential for innovation. The visit included interactions with industry experts, startups, and research facilities.

- Started with an overview of sensor technology, its history, and the evolution of sensors. We learned about various types of sensors, their applications, and their importance in the modern world.
- Latest trends in sensor technology, including miniaturization, IOT integration, and the development of smart sensors.
- Discussed market demand and growth projections.

The Exposure visit highlighted the uses and various applications of Entrepreneurship Opportunities

Entrepreneurship in Sensor Tech:

Students had the privilege of listening to successful entrepreneurs in the field of sensor technology. They shared their journeys, challenges faced, and the opportunities they seized in the industry. Key takeaways included the importance of identifying niche markets and collaborating with established players.

Funding and Investment:

Students explored funding options for start-ups, including venture capital, angel investors, and government grants. Experts also discussed the need for a strong business plan, intellectual property protection, and market research to attract investors.

Start-up Showcases: Students visited several sensor technology start-ups, where founders presented their innovative products and solutions. These case studies included a health monitoring wearable, an agricultural sensor system, and an environmental monitoring platform. We gained valuable insights into how these start-ups identified market needs and developed their products.

Objective of the session:

The objectives of an exposure visit report on "Entrepreneurship and Start-up Opportunities in the Field of Sensor Technology" are to provide a comprehensive understanding of the Entrepreneurship and to achieve specific goals.

1. **Innovation and Creativity:** Entrepreneurship encourages individuals to think outside the box, identify unmet needs, and develop innovative solutions.
2. **Start-up opportunities :** Start-ups often bring fresh perspectives to existing industries or pioneer entirely new markets through groundbreaking products, services, or business models.
3. **Exploration of Entrepreneurship:** To explore the entrepreneurial landscape in sensor technology, focusing on the challenges and opportunities faced by startups in this domain.
4. **Understanding Emerging Trends:** To provide insights into the latest trends in sensor technology, including innovations, market dynamics, and technological advancements that can guide entrepreneurs.
5. **Inspiration and Motivation:** To inspire and motivate aspiring entrepreneurs by sharing success stories and real-world experiences of entrepreneurs who have ventured into sensor technology.
6. **Innovation:** They introduce novel products, services, or business models that address unmet needs or redefine existing markets.
7. **Exposure to Start-up:** To introduce participants to the existing ecosystem of sensor technology start-ups, including case studies and success stories.
8. **Research and Collaboration:** To emphasize the role of research and development in sensor technology entrepreneurship and encourage collaboration with research institutions.
9. **Prototyping and Testing Facilities:** To familiarize participants with the available facilities for sensor prototyping and testing, enabling them to understand the practical aspects of product development.
10. **Networking and Partnerships:** To highlight the significance of networking and forming strategic partnerships as essential components of entrepreneurial success in the sensor technology sector.

11. **Encouraging Innovation:** To encourage innovative thinking and problem-solving by showcasing how sensor technology can be applied to address real-world challenges.
12. **Decision-Making Support:** To provide information that can assist individuals in making informed decisions about entering the sensor technology entrepreneurship space.

50 students and 1 faculty took part in the exposure visit.

OUTCOMES:

The outcomes of an exposure visit report on "Entrepreneurship and Start-up Opportunities in the Field of Sensor Technology" can have a significant impact on the participants and the broader entrepreneurial community. Here are some potential outcomes and benefits of such a report:

1. **Identification of Promising Start-up Sectors:** The report can identify emerging sectors and industries with significant potential for entrepreneurship and start-up activities.
2. **Identification of Entrepreneurial Ecosystem Components:** The report can identify the key components.
3. **Insights into Entrepreneurial Mindset and Skills:** The report can document the mindset, attitudes, and skills required for successful entrepreneurship.
4. **Roadmap for start-up:** Exposure visit report on entrepreneurship can serve as a roadmap for fostering a vibrant entrepreneurial ecosystem, driving positive outcomes for individuals, organizations, and communities involved in promoting entrepreneurship and innovation.
5. **Networking Opportunities:** Participants may establish valuable connections with industry experts, fellow entrepreneurs, and potential collaborators.
6. **Access to Funding for Start-up:** Entrepreneurs gain insights into different funding options, such as venture capital and angel investment, and learn how to make their ventures more attractive to investors.
7. **Knowledge of Support Ecosystem:** Entrepreneurs become aware of incubators, accelerators, and support programs available to help them kick start their ventures.

8. **Innovation and Problem-Solving:** The report encourages innovation by showcasing real- world applications of sensor technology to address complex challenges in various industries.
9. **Business Planning:** Participants understand the importance of robust business planning, market research, and intellectual property protection in the sensor technology field.
10. **R&D Collaboration:** Entrepreneurs and researchers may be more inclined to collaborate, leading to innovation and the development of cutting-edge sensor technology.
11. **Prototype Development:** Entrepreneurs gain insights into the facilities and resources available for prototyping and testing sensor technology products.
12. **Strategic Partnerships:** Entrepreneurs recognize the value of forming strategic partnerships to leverage complementary strengths and resources.
13. **Decision-Making Support:** The report assists individuals in making informed decisions about entering the sensor technology entrepreneurship space by presenting real-world examples and insights.
14. **Economic Impact in Innovation:** The report contributes to economic development by promoting innovation, job creation, and technological advancements in the sensor technology sector.
15. **Long-Term Growth in Entrepreneurship:** As a result of the exposure visit report, more entrepreneurs may enter the sensor technology field, contributing to its long-term growth and development.

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List of students taking part in industrial visit to visit CMTI on 18th Oct'23

Sl. No	USN	Name of the student	Phone number
1	1OX20CS006	Aishwarya V	6364173365
2	1OX20CS010	Amith P	8904151950
3	1OX20CS013	Arkitha Revankar	8660026362
4	1OX20CS016	Aparna M	7975040426
5	1OX20CS022	Asiya	9019882850
6	1OX20CS024	Avanishree	9632390254
7	1OX20CS027	Beri Jahnuvi	9901116644
8	1OX20CS032	Daphne Priya	9632993509
9	1OX20CS036	Deepa A	7349512592
10	1OX20CS041	Druva Kumar M	8050478172
11	1OX20CS042	Govardhan Reddy	6362286476
12	1OX20CS043	Likitha Devi	8971661348
13	1OX20CS044	Gayathri K	7760025757
14	1OX20CS046	Gowthami R	7411515905
15	1OX20CS047	Haritharan A	8056329572
16	1OX20CS051	Hemavathi R	8792424349
17	1OX20CS052	HIMANSHU KUMAR	7903822463
18	1OX20CS053	HUSAIN RANGOONWALA	7439618253
19	1OX20CS058	KARTHIK M GARAG	8660560431
20	1OX20CS060	KEERTHIKA P N	6363445225
21	1OX20CS062	KHUMANTHEM RAHUL SINGH	6909209091
22	1OX20CS065	KRUTHIKA K	8880590114
23	1OX20CS066	LAKSHMI N	7019055754
24	1OX20CS069	MAITHRI M NAIK	8088898240
25	1OX20CS073	MANOJ C	7408027098
26	1OX20CS074	MD SHAD IMAM	8088826821
27	1OX20CS077	MOHAMMED MAAZ	8006571456
28	1OX20CS078	MOHAMMED SUHAIL R	9184287735
29	1OX20CS084	NAVYA T L	9902906438
30	1OX20CS088	NIHAL H	8792158501
31	1OX20CS089	Nihar	9964594039
32	1OX20CS090	NISHA R	9964694039
33	1OX20CS092	PADMINI M	7795781062
34	1OX20CS093	PIYUSH RANJAN	8434169222
35	1OX20CS094	POTTIPATI PAVAN KUMAR REDDI	9347500934
36	1OX20CS099	RAJAT SOODAN	9882380384
37	1OX20CS107	Ruchi Bharati	9063000911

Sl. No	USN	Name of the student	Phone number
38	10X20CS108	Sahana	7483720374
39	10X20CS109	Saichatura	8217571076
40	10X20CS113	Sandhya G	8867625466
41	10X20CS116	Satish	9148564755
42	10X20CS119	Shivaprasad	8310880155
43	10X20CS126	Shubham	7004098839
44	10X20CS128	Sumaiya Fathima	9901342599
45	10X20CS129	Sunny Kumar Pal	8217668298
46	10X20CS131	Syed Faizan Muyeer	7026563275
47	10X20CS135	Lokesh V	9066542031
48	10X20CS137	Vaibhav	7676047056
49	10X20CS143	Venkatachalam	9945354184
50	10X20CS145	VijayaKumar	6360897233

Naveen
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BENGALURU, INDIA



**INSTITUTION'S
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(Ministry of Education Initiative)

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Exposure Visit on

**“Entrepreneurship and Start-up opportunities
in the field of AIML”**



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Department of Computer Science and Engineering

In Association with IIC

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Exposure Visit on

**“Entrepreneurship and Start-up opportunities
In AIML”**

Chief Patron

Dr.S.N.V.L

Narasimha Raju

President

The Oxford Educational

Institutions

Location : Vihaan Technology (ADVI Group of Companies).

Marathalli, Bengaluru.

Dr. N. Kannan

**Principal & President
IIC**

**The Oxford College of
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Dr C . Manjula

IIC Convener

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Dr E Saravana Kumar/CSE

Prof.M.Sathya/CSE

Faculty coordinator

Prof. J Jessie Janet Kumari/CSE

**On
19th October 2023 @ 10:00 AM – 03:30 PM**



The Oxford college of Engineering, Bangalore- Institution Innovation Council in association with Department of Computer Science and Engineering organized an Exposure Visit “Entrepreneurship and Start-up opportunities in the field of AIML” on 19th October 2023 from 10:00 AM to 4.00 PM to Vihaan Technology, Marathalli, Bengaluru. On 19th Oct 2023, 50 students & a faculty J Jesy Janet Kumari, Assistant Professor from the Department of Computer Science & Engineering, The Oxford College of Engineering visited the Vihaan Technology in Bangalore, India and provided ideas about entrepreneurship and start-up.

OBJECTIVE:

- An exposure visit report on "Entrepreneurship and Start-up Opportunities in the Field of Artificial Intelligence and Machine Learning (AI/ML)" may have various objectives, depending on the specific goals of the visit. Here are some common objectives :
- Entrepreneurship opportunities: To share knowledge about AI/ML, entrepreneurship, and start-up opportunities with a wider audience, including individuals interested in these fields.
- Understanding the importance of Start-up: To provide a comprehensive understanding of the AI/ML landscape, including its applications, challenges, and emerging trends.
- Inspiration about Entrepreneurship: To inspire individuals to consider entrepreneurship in AI/ML by showcasing success stories and the potential for innovation in this field.
- Awareness Creation: To raise awareness about the significance of AI/ML and its potential to disrupt various industries and drive technological advancements.
- Exploration of Entrepreneurship: To explore the entrepreneurial ecosystem within the AI/ML domain, focusing on the challenges and opportunities faced by start-ups.
- Funding and Investment Insights: To educate entrepreneurs and aspiring start-up founders about funding options, investment strategies, and the importance of a strong business plan to attract investors.
- Exposure to Start-up Ecosystem: To introduce participants to the existing ecosystem of AI/ML start-ups, including case studies, success stories, and the role of incubators and accelerators.
- R&D and Innovation: To highlight the importance of research and development in driving innovation and entrepreneurship within the AI/ML sector.
- Networking Opportunities: To provide a platform for networking and establishing connections with industry experts, fellow entrepreneurs, and potential collaborators.
- Prototyping and Testing Facilities: To familiarize participants with the facilities and resources available for developing, testing, and refining AI/ML products and solutions.
- Strategic Partnerships: To emphasize the value of forming strategic partnerships, both with other start-ups and established players, to leverage resources and expertise.
- Market Identification: To help entrepreneurs identify specific niches and market

opportunities within the AI/ML sector.

- **Decision-Making Support:** To provide information and insights that assist individuals in making informed decisions about entering the AI/ML entrepreneurship space.
- **Economic Impact:** To promote economic growth and job creation by encouraging entrepreneurship and innovation in the AI/ML sector.
- **Community Building:** To foster a sense of community among individuals interested in AI/ML entrepreneurship, promoting knowledge sharing and collaboration.

OUTCOMES:

The outcomes of an exposure visit report on "Entrepreneurship and Start-up Opportunities in the Field of Artificial Intelligence and Machine Learning (AI/ML)" can have a significant impact on the participants and the broader entrepreneurial community. Here are some potential outcomes and benefits of such a report:

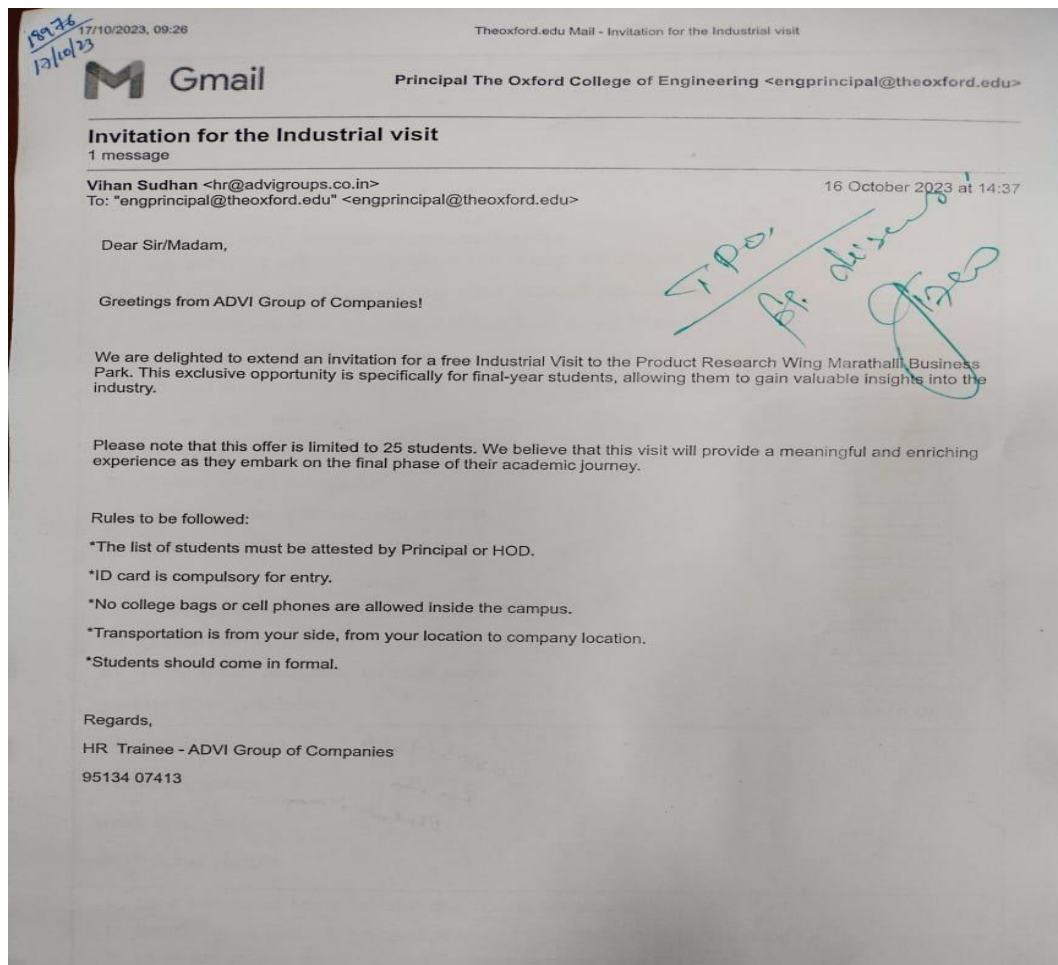
1. **Enhanced Understanding about entrepreneurship:** Participants gain a deeper understanding of AI/ML and its applications, as well as entrepreneurship and start-up opportunities in these fields.
2. **Inspiration:** The report can inspire individuals to consider entrepreneurship in AI/ML as a viable and exciting career path.
3. **Awareness:** It raises awareness about the significance of AI/ML and its potential to transform various industries and drive technological advancements.
4. **Market Exploration about Start-up:** Entrepreneurs become more informed about the AI/ML landscape, exploring the challenges and opportunities within this domain.
5. **Networking and Collaboration:** The report encourages networking and collaboration among participants, industry experts, and fellow entrepreneurs, leading to potential partnerships and collaborations.
6. **Funding Insights:** Entrepreneurs and start-up founders gain insights into different funding options, including venture capital, angel investment, and government grants, and how to make their ventures more attractive to investors.

7. **Access to Support Ecosystem:** Entrepreneurs learn about the role of incubators, accelerators, and support programs that can provide mentorship, resources, and networking opportunities.
8. **Innovation and Development Focus:** The report emphasizes the importance of research and development in driving innovation within the AI/ML sector, leading to the development of cutting-edge solutions.
9. **Awareness about Entrepreneurship:** Entrepreneurs become aware of available facilities for developing, testing, and validating AI/ML products and solutions.

Around 60 students and 3 faculty members took part in this exposure visit.

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List of students taking part in industrial visit to visit ADVI Group of Companies on 19th Oct'23

7-A Section

Sl. No	USN	Name of the student	Phone number	Email Id	Placed/ Not Placed
1	10X20CS009	Akshay	7338016689	akshaygowda11072002@gmail.com	Not Placed
2	10X20CS008	Akhil	8971802160	akhilgajannavar2002@gmail.com	Not Placed
3	10X20CS004	Aaarya	7011790078	saarya.642@gmail.com	Placed
4	10X20CS025	Barai Ayush	9359486070	baraiayush541@gmail.com	Placed
5	10X20CS014	Anurag	7259154670	7259154670a@gmail.com	Not Placed
6	10X20CS023	Ashwin	8867354706	ashwinims067@gmail.com	Not Placed
7	10X20CS007	Ajai	9353583225	ajayajun@gmail.com	Not Placed
8	10X20CS015	Aparajith	9435417114	aparajitchowdhury35@gmail.com	Not Placed
9	10X20CS019	Arpitha	8235402308	arpita.sinha2404@gmail.com	Not Placed
10	10X20CS018	Arezo Salman	9541562201	arezoosalmann2201@gmail.com	Not Placed
11	10X20CS011	Anjali	9380154082	anjalikv20002@gmail.com	Not Placed
12	10X20CS022	Ashwini	9074663815	aswinshyam03@gmail.com	Not Placed
13	10X20CS050	Hemanth	9113099299	hemanthreddy3195@gmail.com	Not Placed
14	10X20CS035	Debayan	9380429225	debayang82@gmail.com	Not Placed
15	10X20CS001	Aditya	7091521976	aadityakumardubey30@gmail.com	Not Placed
16	10X20CS029	Bindhu	7624818206	bindumchowdary@gmail.com	Not Placed
17	10X20CS017	Apoorva	9972742938	apoorva.4131@gmail.com	Not Placed
18	10X20CS037	Deepa C N	8073117695	nandadeepa152@gmail.com	Not Placed
19	10X20CS0406	Manjunath C	7406846716	m.ammannavar2000@gmail.com	Not Placed
20	10X20CS0400	Ankur Kumar	8296754647	akkeyben@gmail.com	Not Placed

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7-B Section

Sl. No	USN	Name of the student	Phone number	Email Id	Placed/ Not Placed
1	10X20CS091	Nithya KG	9535709606	nithyakg15@gmail.com	not placed
2	10X20CS085	Grishma Nayak	8655180517	grishma.n1211@gmail.com	not placed
3	10X20CS100	Rajath R Shetty	8105332402	srajath360@gmail.com	not placed
4	10X20CS067	Lingesh Biradar	9019820586	biradarlingesh@gmail.com	not placed
5	10X20CS102	Ramya S J	9739532565	ramyasjcse2024@gmail.com	not placed
6	10X20CS075	Meharunissa	8050318964	meharunissacse2024@gmail.com	not placed
7	10X21CS404	Elilmaniyamma	9108095173	elil1882002@gmail.com	not placed
8	10X21CS407	Mounika M S	8073947169	mounikamsce2024@gmail.com	not placed
9	10X20CS094	Pottipatti Pavan Kumar Reddy	9347500934	pavanpcse2024@gmail.com	not placed
10	10X20CS090	Nisha R	9964694039	nisharcse2024@gmail.com	not placed
11	10X20CS073	Manoj C	7406027098	manojcse2024@gmail.com	not placed
12	10X20CS117	Sayan Maity	8390678106	sayanmaity331@gmail.com	Not placed
13	10X20CS128	Sumaiya Fathima	9901342599	sumaiyafathima745@gmail.com	not placed
14	10X20CS118	Sayan Majumdar	7602120431	sayanmajumdar4444@gmail.com	not placed
15	10X20CS127	Sudhakar N	8073693329	sudhakarcse2024@gmail.com	not placed
16	10X20CS132	Mohammed Bilal	8296298109	mohammedbilal9141@gmail.com	not placed
17	10X20CS139	Varun Kumar	7204007545	varunkumar81102@gmail.com	not placed
18	10X20CS153	HariPrasad Gowda V	7337736913	haarigowda03@gmail.com	Placed
19	10X20CS120	Shree Lakshmi M B	7975554280	shreeelakshmi195@gmail.com	not placed
20	10X20CS125	Spoorthy K	8088069939	spoorthykumar26@gmail.com	not placed

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7-C Section

Sl. No	USN	Name of the student	Phone number	Email Id	Placed/ Not Placed
1	10X20CS147	Yashaswini S	7676944204	renukayashaswini204@gmail.com	Not Placed
2	10X20CS140	Veena P	8197260525	Veenanirmala143@gmail.com	Not Placed
3	10X20CS149	Mohammed Tibyaan	9379260372	mohammedtibyaan@gmail.com	Not Placed
4	10X20CS152	Furqan Khan	6361920938	khanfurqan1320@gmail.com	Not placed
5	10X20CS135	Lokesh V	9066542031	lokeslinga16@gmail.com	Not placed
6	10X21CS405	Farook Ahmed	8951011747	farookahmed46@gmail.com	Not Placed
7	10X20CS151	Syed Jameel Ahmed	9620133617	hannan1775@gmail.com	Not placed
8	10X20CS134	Usha P	8618340219	ushapalakshappa2002@gmail.com	not placed
9	10X20CS114	Sathvik G Meda	9606704260	sathvikgirish29@gmail.com	not placed
10	10X20CS112	Sandeep S	8660212737	callsandeep.s@gmail.com	not placed
11	10X20CS123	Sinchana	8904130914	sinchanabr2018@gmail.com	not placed
12	10X20CS109	Sai Chatura	8217571076	saichaturab3118@gmail.com	placed
13	10X20CS131	Syed Faizen Muyeze	7026563275	syedfaizanmuyezeCSE2024@gmail.com	not placed
14	10X20CS119	Shivaprasad	8310880155	shivaprasadkumbar207@gmail.com	Not placed
15	10X20CS145	Vijayakumar	6360897233	vijaymcse2024@gmail.com	not placed
16	10X20CS138	Vaibhavi	9019169440	vaibhavimcse2024@gmail.com	not placed
17	10X20CS121	Shwetha Ramesh	9380797004	shwethardcse2024@gmail.com	not placed
18	10X20CS141	Veeresh Konin	9113614407	veereshkonincse2024@gmail.com	Not placed
19	10X20CS103	Rashmi K	7892945599	rashmikcse2024@gmail.com	not placed
20	10X20CS122	Siddhant	7319991275	siddhant.kumar12311@gmail.com	Not placed

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[Signature]
PRINCIPAL

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

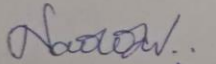
Sl. No	USN	Name	Phone number	Slot	Timings
1	10X20CS009	Akshay	7338016689	1	11:00Am-12:00PM
2	10X20CS008	Akhil	8971802160	1	11:00Am-12:00PM
3	10X20CS004	Aarya	7011790078	1	11:00Am-12:00PM
4	10X20CS025	Barai Ayush	9359486070	1	11:00Am-12:00PM
5	10X20CS014	Anurag	7259154670	1	11:00Am-12:00PM
6	10X20CS023	Ashwin	8867354706	1	11:00Am-12:00PM
7	10X20CS007	Ajai	9353583225	1	11:00Am-12:00PM
8	10X20CS015	Aparajith	9435417114	1	11:00Am-12:00PM
9	10X20CS019	Arpitha	8235402308	1	11:00Am-12:00PM
10	10X20CS018	Arezo Salman	9541562201	1	11:00Am-12:00PM
11	10X20CS011	Anjali	9380154082	1	11:00Am-12:00PM
12	10X20CS022	Ashwini	9074663815	1	11:00Am-12:00PM
13	10X20CS050	Hemanth	9113099299	1	11:00Am-12:00PM
14	10X20CS035	Debayan	9380429225	1	11:00Am-12:00PM
15	10X20CS001	Aditya	7091521976	1	11:00Am-12:00PM
16	10X20CS029	Bindhu	7624818206	1	11:00Am-12:00PM
17	10X20CS017	Apoorva	9972742938	1	11:00Am-12:00PM
18	10X20CS037	Deepa C N	8073117695	1	11:00Am-12:00PM
19	10X20CS0406	Manjunath C	7406846716	1	11:00Am-12:00PM
20	10X20CS0400	Ankur Kumar	8296754647	1	11:00Am-12:00PM
21	10X20CS091	Nithya KG	9535709606	2	12:00PM - 1:00PM
22	10X20CS085	Grishma Nayak	8655180517	2	12:00PM - 1:00PM
23	10X20CS100	Rajath R Shetty	8105332402	2	12:00PM - 1:00PM
24	10X20CS067	Lingesh Biradar	9019820586	2	12:00PM - 1:00PM
25	10X20CS102	Ramya S J	9739532565	2	12:00PM - 1:00PM
26	10X20CS075	Meharunissa	8050318964	2	12:00PM - 1:00PM
27	10X21CS404	Elilmaniyamma	9108095173	2	12:00PM - 1:00PM
28	10X21CS407	Mounika M S	8073947169	2	12:00PM - 1:00PM
29	10X20CS094	POTTIPATI PAVAN KUMA	9347500934	2	12:00PM - 1:00PM
30	10X20CS090	NISHA R	9964694039	2	12:00PM - 1:00PM

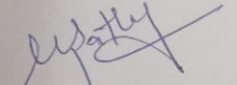
35	10X20CS127	Sudhakar N	8073693329	2	12:00PM - 1:00PM
36	10X20CS132	Mohammed Bilal	8296298109	2	12:00PM - 1:00PM
37	10X20CS139	Varun Kumar	7204007545	2	12:00PM - 1:00PM
38	10X20CS153	HariPrasad Gowda V	7337736913	2	12:00PM - 1:00PM
39	10X20CS120	Shree Lakshmi M B	7975554280	2	12:00PM - 1:00PM
40	10X20CS125	Spoorthy K	8088069939	2	12:00PM - 1:00PM
41	10X20CS147	Yashaswini S	7676944204	3	1:00PM-2:00PM
42	10X20CS140	Veena P	8197260525	3	1:00PM-2:00PM
43	10X20CS149	Mohammed Tibyaan	9379260372	3	1:00PM-2:00PM
44	10X20CS152	Eurqan Khan	6361920938	3	1:00PM-2:00PM
45	10X20CS135	Lokesh V	9066542031	3	1:00PM-2:00PM
46	10X21CS405	Farook Ahmed	8951011747	3	1:00PM-2:00PM
47	10X20CS151	Syed Jameel Ahmed	9620133617	3	1:00PM-2:00PM
48	10X20CS134	Usha P	8618340219	3	1:00PM-2:00PM

49	1OX20CS114	Sathvik G Meda	9606704260	3	1:00PM-2:00PM
50	1OX20CS112	Sandeep S	8660212737	3	1:00PM-2:00PM
51	1OX20CS123	Sinchana	8904130914	3	1:00PM-2:00PM
52	1OX20CS109	Sai Chatura	8217571076	3	1:00PM-2:00PM
53	1OX20CS131	Syed Faizen Muyeaz	7026563275	3	1:00PM-2:00PM
54	1OX20CS119	Shivaprasad	8310880155	3	1:00PM-2:00PM
55	1OX20CS145	Vijayakumar	6360897233	3	1:00PM-2:00PM
56	1OX20CS138	Vaibhavi	9019169440	3	1:00PM-2:00PM
57	1OX20CS121	Shwetha Ramesh	9380797004	3	1:00PM-2:00PM
58	1OX20CS141	Veetesh Konin	9113614407	3	1:00PM-2:00PM
59	1OX20CS103	Rashmi K	7892945599	3	1:00PM-2:00PM
60	1OX20CS122	Siddhant	7319991275	3	1:00PM-2:00PM

Social Media Link:

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HOD 3/11


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IIC-CONVENOR



HEAD OF THE DEPARTMENT
DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
BENGAHURU - 560 068

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THE OXFORD
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BENGALURU, INDIA



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

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

Workshop on “Entrepreneurship opportunities through Wire Shark and Network Simulator -2”



THE OXFORD
COLLEGE OF ENGINEERING
BENGALURU, INDIA

Children's Education Society
THE OXFORD COLLEGE OF ENGINEERING
Recognized by the Govt. of Karnataka, Affiliated to Visvesvaraya Technological
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Hosur Road, Bommanahalli, Bangalore -560068



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)



Department of Computer Science and Engineering

In Association with IIC and IEEE

Organizing a
Workshop on

“Entrepreneurship opportunities through Wire Shark and
Network Simulator -2”

Chief Patron

**Dr.S.N.V.L
Narasimha Raju**

President

**The Oxford Educational
Institutions**

Dr. N. Kannan
**Principal & President
IIC**

**The Oxford College of
Engineering**

On

20th December 2023 @ 10:00 AM onwards

Venue: 3rd Floor CSE seminar hall

Resource Person:

Mr. Navile Nageshwara Naveen

Sr. Project Manager Tackle-D Private Ltd ,Kushalnagar

Dr C. Manjula

IIC Convener

**The Oxford College of
Engineering**

Dr. R CH A Naidu

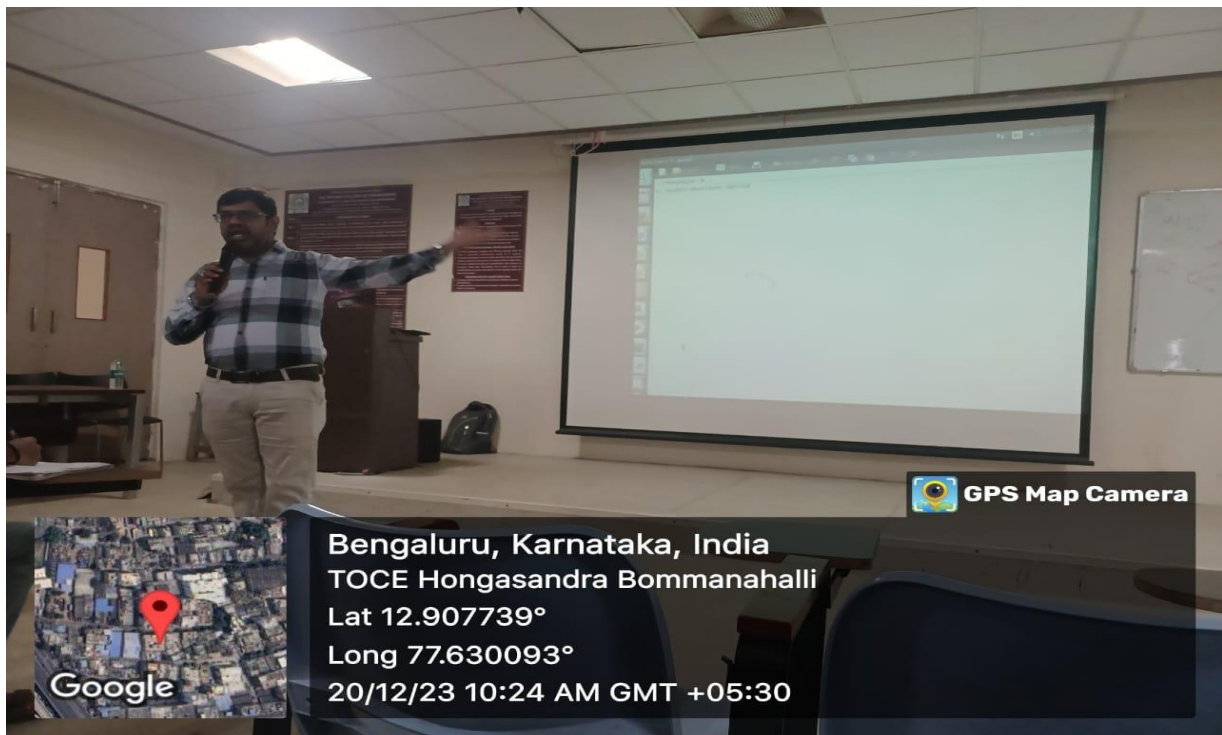
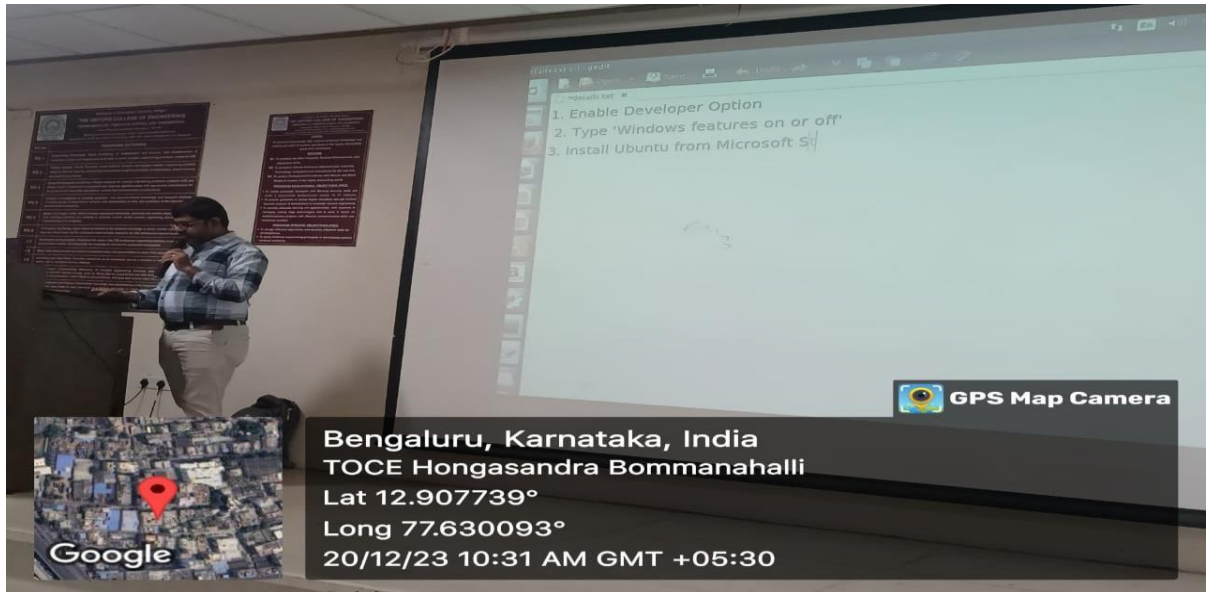
**Head of the
Department , CSE
The Oxford College of
Engineering**

IIC Ambassadors

**Dr E Saravana Kumar/CSE
Prof.M.Sathya/CSE**

IEEE coordinator

Prof. Asha Kumari/CSE





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 in the field of Entrepreneurship:** 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.
- **Entrepreneurial ventures:** 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 Wireshark 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 Wireshark 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.

Innovative 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 about Entrepreneurship and Innovation:

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

Innovative 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_PiIRRCZhfgnxVn3ivmvn/view?usp=sharing

Youtube Link:

<https://www.youtube.com/watch?v=L6hn8x271xE>

Social Media (Facebook)Link:

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

Linked In :

<https://www.linkedin.com/AgFuu9zGJILpGQAAAYyQYyEriqTpiykyJytxb-10y5XKIwYnrsqKydsIxhIuTpwof3lNhIaMxo0Y9vdWov1VNxOx7swOZw?ut=1aCAsHhWRl9X41>

THE OXFORD COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

Workshop on "Entrepreneurship opportunities through Wire Shark & Network Simulator -2"

ATTENDANCE SHEET:

Date: 20.12.2023

Sl. No	USN	Name	Year/Sem	Signature
1.	10X21CS059	Harsh Kumar	3 rd / 5 th	Harsh
2.	10X21CS004	Abhilash hebbala	3 rd / 5 th	Abhilash
3	10X21CS003	Abhijeet	3 rd / 5 th	Abhijeet
4	10X21CS039	Darshan.B	3 rd / 5 th	Darshan
5	10X22CS401	Bharath	3 rd / 5 th	Bharath
6	10X21CS049	Divyanshu R	3 rd / 5 th	Divyanshu
7	10X21CS005	Abhishek Man	3 rd / 5 th	Abhishek
8	10X21CS130	Sanjay Sagan	3 rd / 5 th	Sanjay
9	10X21CS132	Satish NR	3 rd / 5 th	Satish
10	10X21CS131	Santosh R	3 rd / 5 th	Santosh
11	10X21CS135	Sharan Iq	3 rd / 5 th	Sharan
12	10X21CS119	Rushikesh	3 rd / 5 th	Rushikesh
13	10X21CS164	Vinay F	3 rd / 5 th	Vinay
14	10X21CS137	Shashanth M	3 rd / 5 th	Shashanth
15	10X21CS170	Yogesh	3 rd / 5 th	Yogesh





THE OXFORD COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

Workshop on "Entrepreneurship opportunities through Wire Shark & Network Simulator -2"

Date: 20.12.2023

ATTENDANCE SHEET:

Sl. No	USN	Name	Year/Sem	Signature
01	10X21CS044	Devaraju G S	3 rd / 5 th SEM	Devaraju
02	10X21CS016	Anisha Banerjee	3 rd / 5 th sem	
03	10X21CS009	Ahmed Faeem	3 rd / 5 th sem	
04	10X21CS007	Adithyan P Shetty	3 rd / 5 th sem	Adithyan
05	10X21CS014	Anil Kumar N S	3 rd / 5 th sem	Anil Kumar NS
06	10X21CS015	Anirudh S	3 rd / 5 th sem	Anirudh
07	10X21CS021	Arun S	3 rd / 5 th sem	
08	10X22CS404	CHANDU M	3 rd / 5 th Sem	Chandeech
09	10X22CS423	UDAY Kiran S	3 rd / 5 th Sem	U.odes Kiran
10	10X22CS405	Chinmay	3 rd / 5 th sem	Chinmay
11	10X21CS057	HEMANTH GOUDA A	3 rd / 5 th sem.	Hemanth
12	10X21CS050	Dhanajiyan E	3 rd / 5 th sem	Dhanajiyan
13	10X22CS400	AKASH V	3 rd / 5 th sem	Ash-V
14	10X22CS402	Bhavya P S	3 rd / 5 th sem	Bhavya
15	10X21CS038	chunchu chani	3 rd / 5 th s	
16)	10X21CS006	Adan	3 rd / 5 th	Adan

THE OXFORD COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

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ATTENDANCE SHEET:

Date: 20.12.2023

Sl. No	USN	Name	Year/Sem	Signature
1.	10X21CS035	CHANDANA L	3 rd / 5 th 'A'	<u>Chandana</u>
2.	10X21CS002	A.S.Sudharani	3 rd / 5 th 'A'	<u>Sudharani</u>
3.	10X21CS020	ANUSHKACN	3 rd / 5 th 'A'	<u>Anushka</u>
4.	10X21CS019	Anusha R.	3 rd / 5 th 'A'	<u>Anusha</u>
5	10X21CS018	ANUSHA.H	3 rd / 5 th 'A'	<u>Anusha</u>
6	10X21CS024	Ashwini Sunkapali	3 rd / 5 th 'A'	<u>Ashwini</u>
7	10X21CS017	Amie Joseph	3 rd / 5 th 'A'	<u>Amie</u>
8	10X21CS042	Deekshashree	3 rd / 5 th 'A'	<u>Deeksha</u>
9	10X21CS047	Dimple Achar	3 rd / 5 th 'A'	<u>Dimple</u>
10	10X21CS011	Ameetha	3 rd / 5 th 'A'	<u>Ameetha</u>
11.	10X21CS012	Ananya.M	3 rd / 5 th 'A'	<u>Ananya</u>
12.	10X21CS043	Deepthi Rao NM	3 rd / 5 th 'A'	<u>Deepthi</u>
13.	10X22CS419	Shruthi.K	3 rd / 5 th 'C'	<u>Shruthi</u>
14	10X22CS421 Sports Hosamani	Sports	3 rd / 5 th 'C'	<u>Sports</u>
15	10X22CS407	Bindu Gauda	3 rd / 5 th 'A'	<u>Bindu</u>
16	10X22CS403	chandana.RS	3 rd / 5 th 'A'	<u>chandana</u>
17	10X22CS420	Sindhu.T.R	3 rd / 5 th 'C'	<u>Sindhu</u>
18	10X21CS147	Sukshitha	3 rd / 5 th 'C'	<u>Sukshitha</u>
19	10X21CS157	Tinhana A.Reddy	3 rd / 5 th 'C'	<u>Tinhana</u>
20	Yashaswini.S.L	10X21CS169	3 rd / 5 th 'C'	<u>Yashaswini</u>
21.	Shindu	10X21CS140	3 rd / 5 th 'C'	<u>Shindu</u>
22.	Bhavani.m.	10X21CS031	3 rd / 5 th 'A'	<u>Bhavani</u>
23.	sneha.s.	10X21CS143	3 rd / 5 th 'C'	<u>sneha</u>

24.	10X21CS145	SRIMATHI J	3 rd /5 th sem 'C'	<u>SRIMATHI J</u>
25.	10X21CS123	Sahana R	3 rd /5 th sem 'C'	<u>Sahana R</u>
26.	10X21CS134	Shanthini - R	3 rd /5 th 'C'	<u>Shanthini</u>
27.	10X21CS128	Sandhya - S	3 rd /5 th 'C'	<u>Sandhya</u>
28.	10X22CS417	Shanista Alcbau	3 rd /5 th 'C'	<u>Shanista</u>
29.	10X21CS149	Supriya	3 rd /5 th sem 'C'	<u>Supriya</u>
30.	10X21CS 150	Sushma	3 rd /5 th sem 'C'	<u>Sushma</u>
31.	10X21CS 117	Roja MK	3 rd /5 th sem 'C'	<u>Roja</u>
32.	10X21CS139	Sheela M	3 rd /5 th sem 'C'	<u>Sheela M</u>
33.	10X21CS056	Hazelchristina.A	3 rd /5 th Sem 'A'	<u>Hazel</u>
34.	Isha Kumari 10X21CS058	Isha Kumari	3 rd /5 th Sem 'A'	<u>Isha</u>
35.	10X21CS154	Tejaswini J	3 rd /5 th sem 'C'	<u>Tejaswini</u>
36.	10X21CS155	Teppala Sueha	3 rd /5 th Sem 'C'	<u>Teppala</u>
37.	10X21CS156	Toupti S	3 rd /5 th Sem 'C'	<u>Toupti</u>

THE OXFORD COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

Workshop on "Entrepreneurship opportunities through Wire Shark & Network Simulator -2"

ATTENDANCE SHEET:

Date: 20.12.2023

Sl. No	USN	Name	Year/Sem	Signature
17.	10X21CS146	Srinivas-N 3rd/5th	3 rd /5 th	Srinivas N
18.	10X21CS125	Sai Chiralk	3 rd /5 th	Sai
19.	10X21CS142	Shreyas. Byahatti	3 rd /5 th	Shreyas
20	10X21CS122	Sagar Chinnani -ani	3 rd /5 th	Sagar C
21	10X21CS166	Rohant Vads	3 rd /5 th	Rohant
22.	10X21CS120	S. Sureshwar	3 rd /5 th	S. Sureshwar
23	10X21CS148	Suman Das	3 rd /5 th	S. Das
24	10X21CS165	Vinod.T.P	3 rd /5 th	Vinod.T.P
25	10X21CS130	Sanjay Sagar	3 rd /5 th	Sanjay
26	10X21CS132	Santhosh N.P	3 rd /5 th	Santhosh
27	10X21CS131	Santhosh P	3 rd /5 th	Santhosh
28	10X21CS167	VishnuKant	3 rd /5 th	VishnuKant
29	10X21CS166	Vishnuvardhan	3 rd /5 th	Vishnuvardhan
30	10X21CS119	Rachikesh	3 rd /5 th	Rachikesh
31	10X21CS171	Zatiny	3 rd /5 th	Zatiny
32	10X21CS135	Sharan. G	3 rd /5 th	Sharan

33 10X21CS159 Umesh Kumar 3rd/5th Umesh

34 10X22CS418 Sharanappa 3rd/5th Sharanappa

35 10X22CS416 Sathishkumar S 3rd/5th Sathishkumar S

36 10X22CS422 Sunit Teggi 3rd/5th Sunit Teggi


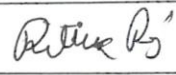
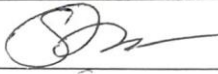






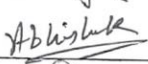

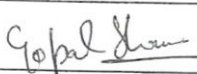


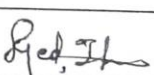
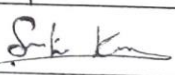
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ATTENDANCE SHEET:

Date: 20.12.2023

Sl. No	USN	Name	Year/Sem	Signature
1	10X22CS415	SANTOSH Rawal	3 rd /5 th	
2	10X21CS114	Ritik Raj	3 rd /5 th	
3	10X21CS129	SANIYHITA Puzari	3 rd /5 th	
4	10X21CS158	ujjwal NK	3/5	
5	10X21CS153	S.M wahi	3/5 th	
6	10X21CS133	Shankar	3 rd /5 th	
7	10X21CS036	Churan HC	3 rd /5 th	
8	10X21CS026	Ayush	3 rd /5 th	
9	10X21CS049	Diwakar R	3 rd /5 th	
10	10X21CS005	Abhishek Mawja	3 rd /5 th sem	
11	10X21CS025	Atul Sharma	3 rd /5 th	
12	10X21CS051	Gopal Sharma	3 rd /5 th sem	
13	10X21CS032	Biswajit Saha	3 rd /5 th	
14	10X21CS022	Ashis Giri	3 rd /5 th	
15	10X21CS152	Syed Ibrahim	3 rd /5 th	
16	10X21CS124	Sahab kamila	3 rd /5 th	

Instagram Link:

<https://www.instagram.com/p/C0qnd7rGM5/?igshid=Zj10YTZmZTMwMg==>

Twitter Link:

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


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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING
THE OXFORD COLLEGE OF ENGINEERING
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The Oxford College of Engineering
Bommanahalli, Hosur Road
Bengaluru-560 068



THE OXFORD
COLLEGE OF ENGINEERING
BENGALURU, INDIA



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Hosur Road, Bommanahalli, Bengaluru-560 068
Website: <http://www.theoxford.edu/engineering/>
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EXPERT LECTURE ON
“Entrepreneurship opportunities in the field of industry 4.0”

  **INSTITUTION'S INNOVATION COUNCIL**
Ministry of Education

THE OXFORD COLLEGE OF ENGINEERING
Hosur Road Bommanahalli Bengaluru -560068,
(Approved by AICTE Accredited by NAAC 'A' & NBA New Delhi, . Affiliated to VTU, Belagavi)
Department of Computer Science and Engineering
In Association with IIC & IEEE

 **IEEE COMPUTER SOCIETY**

Presents
Expert Lecture on
“Entrepreneurship opportunities in the field of Industry 4.0”

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

Dr. N. Kannan
Principal & President IIC


Resource Person
Vijaysankar K
Director
IntelAIx Consulting Services Pvt. Ltd.

Date and Time
23rd May 2024(Thursday)
Venue: 3rd Floor Seminar hall
Time: 11 AM

Dr. E. Saravana Kumar
Professor & HOD CSE / TOCE

Dr. P. Bindu Madhavi
IIC Convenor / HOD AIML

Dr. Preeta Sharan
Dean R&D / ECE
IEEE Branch Counsellor

Prof. Asha Kumari A
Prof. Sathya M
IIC Ambassadors





Bengaluru, Karnataka, India
THE OXFORD COLLEGE OF ENGINEERING, 7th Main 6th Cross, Hongasandra,
Bengaluru, Karnataka 560068, India
Lat 12.899658°
Long 77.629386°
23/05/24 11:30 AM GMT +05:30



Bengaluru, Karnataka, India
THE OXFORD COLLEGE OF ENGINEERING, 7th Main 6th Cross, Hongasandra,
Bengaluru, Karnataka 560068, India
Lat 12.899658°
Long 77.629386°
23/05/24 11:31 AM GMT +05:30



The Oxford college of Engineering, Bangalore - Computer Science and Engineering in association with Institution Innovation Council and IEEE organized an Expert Lecture on “Entrepreneurship opportunities in the field of industry 4.0” on 24th May 2024 from 11:00 AM to 1:00 PM by Mr. Vijayasnagr K, Director IntelAIx consulting Private limited. He holds Bachelor’s degree from Electronics & Instrumentation Engineering and master’s degree in Software Systems (from BITS). The speaker bring over 23 years of extensive experience in the software industry. Currently serving as the Founder and Director of IntelAIx Consulting and Services Pvt Limited, he oversee the provision of process and technology consulting services to manufacturing and healthcare industries, with a focus on enhancing operational efficiency.

OBJECTIVE:

The main objective of the Expert Lecture on “Entrepreneurship opportunities in the field of industry 4.0 are Helping the entrepreneurs recognize gaps and inefficiencies in existing Industry 4.0 technologies and solutions, enabling them to identify lucrative market opportunities for innovation. The other objectives of the Expert Lecture are

- **Identifying market gaps:** is a crucial objective for entrepreneurs in the field of Industry 4.0.

- **Understanding Technological and Trends in Entrepreneurship:** Provide insights into emerging technologies and trends within Industry 4.0, empowering entrepreneurs to align their ventures with the latest advancements and disruptive innovations.
- **Encouraging Innovation:** Foster a culture of innovation by inspiring entrepreneurs to develop novel products, services, or business models that leverage Industry 4.0 technologies to address industry challenges and meet evolving market demands.
- **Promoting Collaboration among entrepreneurs:** Encourage collaboration among entrepreneurs, industry experts, researchers, and investors to facilitate the exchange of ideas, resources, and expertise, fostering the development of collaborative ventures and partnerships.
- **Building Entrepreneurial Skills:** Equip entrepreneurs with essential skills such as problem-solving, critical thinking, strategic planning, and risk management, necessary for successfully navigating the complexities of entrepreneurship in the Industry 4.0 landscape.
- **Accessing Funding Opportunities:** Provide guidance on accessing funding sources such as venture capital, grants, and accelerators tailored to support startups and entrepreneurial ventures in the field of Industry 4.0.
- **Empowering Entrepreneurial Leadership:** Inspire and empower entrepreneurial leaders to drive positive change, disrupt traditional industries, and create scalable and sustainable ventures that contribute to the advancement of Industry 4.0 and the broader socio-economic landscape.

Around 80 students and 8 faculty members are participated in the expert lecture.

OUTCOMES:

A primary outcome would be the formation of new startups or entrepreneurial ventures specifically targeting opportunities within the Industry 4.0 landscape.

Innovative Solutions: Entrepreneurs are expected to develop innovative solutions leveraging Industry 4.0 technologies to address existing challenges or capitalize on emerging opportunities in various sectors.

Market Penetration: Successful entrepreneurs would penetrate markets by introducing disruptive products, services, or business models that capitalize on the transformative potential of Industry 4.0.

Economic Growth of Entrepreneurship: Entrepreneurship in Industry 4.0 has the potential to stimulate economic growth by fostering innovation, increasing productivity, and enhancing competitiveness in domestic and global markets.

Awareness of Opportunities: Attendees gain awareness of the diverse range of entrepreneurship opportunities available, including those within emerging sectors like Industry 4.0, technology, sustainability, healthcare, and more.

Understanding of Entrepreneurial Mindset: Attendees develop an understanding of the entrepreneurial mindset, including traits such as creativity, resilience, adaptability, and risk-taking, which are essential for success in entrepreneurship.

Awareness of Industry 4.0 Landscape: Attendees gain a comprehensive understanding of Industry 4.0 technologies, trends, and opportunities, including the convergence of digital, physical, and cyber systems in manufacturing and related sectors.

Recognition of Entrepreneurial Potential: Attendees recognize the entrepreneurial potential within the realm of Industry 4.0, understanding how emerging technologies such as IoT, AI, robotics, big data, and cloud computing are driving innovation and disruption in various industries.

Social media Link:

<https://www.facebook.com/photo/?fbid=471504122068303&set=a.177418398143545>

Video Link:

https://drive.google.com/drive/folders/1yB_xYTvdUOI9dU7u4RLvTATYnlEC7H

[M](#)

THE OXFORD COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

Expert Lecture on " Entrepreneurship opportunities in the field of Industry 4.0"

ATTENDANCE SHEET:

Date: 23.05.2024

Sl. No	USN	Name	Year/Sem	Signature
1	10x21CS098 Priya Darshini.S	Priya Darshini.S	3 rd 6 th sem	
2	10x21CS109	Ramyas	3 rd 6 th sem	
3	10X21CS067	Keerthi HL	3 rd / 6 th	
4	10X21CS134	Shanthini.R	3 rd / 6 th sem	
5	10X21CS128	Sandhya.S	3 rd / 6 th sem	
6	10X21CS110	Ranjita SP	3 rd / 6 th	
7	10X21CS065	Kavya A	3 rd / 6 th	
8	10X21CS108	Rakshita	3 rd / 6 th	
9	10X21CS034	Chandana Chandana Nait	3 rd / 6 th sem	
10	10X21CS035	Chandana L	3 rd / 6 th sem	
11	10X22CS417	Sharista Akbar	3 rd / 6 th sem	
12	10X22CS421 Spoonst Hosamani	Spoonst Hosamani	3 rd / 6 th sem	
13	10X22CS419	shruthi K	3 rd / 6 th sem	
14	10X21CS121	Sabah Tabasum	3 rd / 6 th sem	
15	10X21CS123	Sahana R	3 rd / 6 th sem	
16	10X21CS156	Trupthi S	3 rd / 6 th sem	
17	10X21CS155	Teppala Sneha	3 rd / 6 th Sem	
18	10X21CS154	Tejaswini J	3 rd / 6 th Sem	
19	10X21CS061	K Prathik	3 rd / 6 th Sem	
20	10X21CS026	Ajeesh Banger	3 rd / 6 th sem	
21	10X21CS0701	Manikandan	3 rd / 6 th sem	
22	10X21CS095	Johan V	3 rd / 6 th sem	

23. ~~10x210069~~ 10x210069

Kiran Komaru

3rd/6th sem

Kiran

24. 10x21CS006

Adan.

3rd/6sem

Adan

25. 10x21CS087

RIZAN

3rd/6sem

Rizan

THE OXFORD COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

Expert Lecture on " Entrepreneurship opportunities in the field of Industry 4.0"

ATTENDANCE SHEET:

Date: 23.05.2024

Sl. No	USN	Name	Year/Sem	Signature
1	10X21CS093	Pankaj	6B	Pankaj
2	10X21CS095	Paran	6B	Paran
3	10X21CS116	Rohanrath	6C	Rohan
4	10X21CS106	Rajan	6B	Rajan
5	10X21CS122	Sagar.C	6C	Sagar.C
6	10X22CS118	Shatamappa	6C	Shatamappa
7	10X21CS142	Ghreyas. B	6C	Ghreyas. B
8	10X21CS162	V Harish	6C	V Harish
9	10X21CS125	sai Thilak	6C	sai Thilak
10	10X21CS165	Vinod.T.R	6C	Vinod.T.R
11	10X21CS138	Shashanth.R	6C	Shashanth.R
12.	10X21CS022	Ashis Giri	6A	Ashis Giri
13	10X21CS005	Abhishek Mavry	6A	Abhishek
14	10X21CS046	Dhulappa	6A	Dhulappa
15	10X22CS003	Abhijeet	6A	Abhijeet
16	10X21CS171	Zatmy	6C	Zatmy

17	10X21CS159	Umesh Kumar	6C	Umesh
18	10X21CS166	Vishnu Vardhan	6C	Vishnu
19	10X21CS055	Harshvardhan P	6A	Harshvardhan P
20	10X21CS036	Charan M.C	6A	Charan M.C
21	10X21CS071	KISHORE PRITHVI	6B	KISHORE PRITHVI
22	10X21CS086	Mohammed Abbas	6B	Mohammed Abbas

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Department of Computer Science and Engineering

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ATTENDANCE SHEET:

Date: 23.05.2024

Sl. No	USN	Name	Year/Sem	Signature
1	10X21CS093	Pankaj	6B	<u>Pankaj</u>
2	10X21CS095	Paran	6B	<u>Paran</u>
3	10X21CS116	Rohanrati	6C	<u>Rohan</u>
4	10X21CS106	Rajan	6B	<u>Rajan</u>
5	10X21CS122	Sagar.C	6C	<u>Sagar.C</u>
6	10X21CS418	Shatanappa	6C	<u>Shatanappa</u>
7	10X21CS142	Shreyas. B	6C	<u>Shreyas</u>
8	10X21CS162	Vharish	6C	<u>Vharish</u>
9	10X21CS125	sai Thilak	6C	<u>Sai Thilak</u>
10	10X21CS165	Vinod.T.R	6C	<u>Vinod.T.R</u>
11	10X21CS138	Shashantr	6C	<u>Shashantr</u>
12.	10X21CS022	Ashis Giri	6A	<u>Ashis</u>
13	10X21CS005	Ashishk Maurya	6A	<u>Ashishk</u>
14	10X21CS046	Dhulappa	6A	<u>Dhulappa</u>
15	10X21CS003	Abhijeet	6A	<u>Abhijeet</u>
16	10X21CS171	Zatny	6C	<u>Zatny</u>
17	10X21CS159	Umesh Kumar	6C	<u>Umesh</u>
18	10X21CS166	Vishnu Vaadhan	6C	<u>Vishnu</u>
19	10X21CS055	Maheshwar	6A	<u>Maheshwar</u>
20	10X21CS036	Charan M.C	6A	<u>Charan</u>
21	10X21CS071	KISHORE PRITHVI	6B	<u>Kishore</u>
22	10X21CS086	Mohammed Abbas	6B	<u>Mohammed</u>

23	10X21CS085	Mohamomad Saerwat	6B	<u>Saerwat</u>
24	10X21CS062	Kadappa Teli	6B	<u>Kadappa</u>
25	10X21CS070	Kishor. S. B	6B	<u>Kishor</u>
26	10X21CS080	Mani Anath	6B	<u>Mani Anath</u>
27	10X21CS104	Rehul R	6B	<u>Rehul</u>
28	10X21CS090	Narneet Kant Dubey	6B	<u>Narneet</u>
29	10X21CS114	Ritik Raj	6B	<u>Ritik</u>

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Department of Computer Science and Engineering

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ATTENDANCE SHEET:

Date: 23.05.2024

Sl. No	USN	Name	Year/Sem	Signature
01.	10X21CS066	Keerthana N.M	3 rd / 6 th	<i>Keerthana</i>
02.	10X21CS073	Laxmi M	3 rd / 6 th	<i>Laxmi</i>
03.	10X21CS074	Lekhana S.K	3 rd / 6 th	<i>Lekhana S.K.</i>
04	10X21CS118	Roopa R	3 rd / 6 th	<i>Roopa R</i>
05	10X21CS139	Sheela M	3 rd / 6 th	<i>Sheela M</i>
06	10X22CS410	Lavanya M	3 rd / 6 th	<i>Lavanya M</i>
07.	10X21CS097	Preksha KD	3 rd / 6 th	<i>Preksha</i>
08.	10X21CS102	Ragini. G.H	3 rd / 6 th	<i>Ragini</i>
09.	10X21CS092	Nrkitha	3 rd / 6 th	<i>Nrkitha</i>
10	10X22CS413	Rachitha.H	3 rd / 6 th	<i>Rachitha.H</i>
11	10X21CS082	Meghana M	3 rd / 6 th	<i>Megha</i>
12	10X21CS112	Repara. Anuana	3 rd / 6 th	<i>Repara.</i>
13	10X21CS111	Rashmi B	3 rd / 6 th	<i>Rashmi</i>
14	10X21CS081	Meghana C	3 rd / 6 th	<i>Megha</i>
15	10X21CS078	Manasa H.N	3 rd / 6 th	<i>Manasa</i>
16	10X21CS072	Lahari. HR	3 rd / 6 th	<i>Lahari. HR</i>
17	10X21CS069	Kashish saud	3 rd / 6 th	<i>Kashish</i>
18	10X21CS099	Purwa Sharma	3 rd / 6 th	<i>Purwa</i>
19	10X21CS077	Madhumitha V	3 rd / 6 th	<i>Madhu</i>
20	10X22CS407	Birde Gowda G.S	3 rd / 6 th	<i>Birde</i>
21	10X22CS403	chandana R.S	3 rd / 6 th	<i>chandana</i>

	USN	NAME	YEAR/SEM	SLAN.
22	10X21CS043	Deepthi Rao N M		
22	10X21CS043	Deepthi Rao N M	3 rd yr / 6 th sem	Deepthi
23	10X21CS012	Ananya. M	3 rd yr / 6 th sem	Ananya
24	10X21CS001	A.R. Chetan	3 rd / 6 th sem	A.R. Chetan
25	10X21CS040	Dharsan R	3 rd / 6 th sem	Dharsan
26	10X21CS048	Dinesh . D	3 rd / 6 th sem	Dharsan Dish.
27	10X21CS049	Dinakar R	3 rd / 6 th sem	Dinakar
28	10X21CS004	Abhilash	3 rd / 6 th sem	Abhilash

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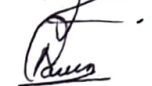


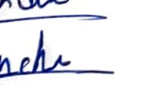

Department of Computer Science and Engineering

Expert Lecture on "Entrepreneurship opportunities in the field of Industry 4.0"

ATTENDANCE SHEET:

Date: 23.05.2024

Sl. No	USN	Name	Year/Sem	Signature
01	Shashank 10X21CS136	Shashank Munde	III / 6 th	
02	10X21CS164	Vignesh P	III / 6 th	
03	10X21CS144	Srikar V	III / 6 th	
04	10X21CS052	Gosala Manoj	III / 6 th	
05	10X21CS028	B Kiran	III / 6 th	
06	10X22CS406	Divakar C	III / 6 th	
07	10X21CS109	Rahul Kumar B Behera	III / 6 th	
08	10X21CS096	Pravjal B.	III / 6 th	
09	10X21CS063	Kaasthik M	III / 6 th	
10	10X21CS007	Adithya.P. Shetty	III / 6 th	
11	10X21CS094	Arun.S	III / 6 th	
12	10X21CS015	Anirudh S	III / 6 th	
13	10X21CS024	Anil Kumar S	III / 6 th	
14	10X21CS029	Balaji.R.M	III / 6 th	
15	10X21CS101	Raghu Pami Lokesh	III / 6 th	
16	Rahul S 10X21CS105	Rahul S	III / 6 th	
17	10X22CS411	Ameen Awreshi	III / 6 th	
18	10X22CS412	Pawan K	III / 6 th	
19	10X22CS408	Hemant Raju	III / 6 th	

<u>SI.No</u>	<u>USN</u>	<u>Name</u>	<u>Year/Sem</u>	<u>Sign</u>
20	10X21CS084	Mohammad Sadaf	III/6 th	
21	10X21CS088	Nauman Ahmed	III/6 th	
22	10X21CS060	Joel G Rajan	3/6 th	
23	10X21CS094	Parthbeev T	3/6 th	
24	10X21CS076	M. Manikarth	3/6 th	
25	10X21CS089	Nanda Kumar A-M	3/6 th	<u>MLK</u> Nanda
26	10X21CS038	chunchu charakya	3/6 th	<u>chunchu</u>
27.	10X21CS124	Sahab Kamila	3/6 th	
28.	10X21CS14C	Srinivas N	3/6 th	<u>Soda</u>
29.	10X21CS152	Syed Ibrahim	3/6 th	<u>Soo</u>

Market Penetration: Successful entrepreneurs would penetrate markets by introducing disruptive products, services, or business models that capitalize on the transformative potential of Industry 4.0.

Economic Growth of Entrepreneurship: Entrepreneurship in Industry 4.0 has the potential to stimulate economic growth by fostering innovation, increasing productivity, and enhancing competitiveness in domestic and global markets.

Awareness of Opportunities: Attendees gain awareness of the diverse range of entrepreneurship opportunities available, including those within emerging sectors like Industry 4.0, technology, sustainability, healthcare, and more.

Understanding of Entrepreneurial Mindset: Attendees develop an understanding of the entrepreneurial mindset, including traits such as creativity, resilience, adaptability, and risk-taking, which are essential for success in entrepreneurship.

Awareness of Industry 4.0 Landscape: Attendees gain a comprehensive understanding of Industry 4.0 technologies, trends, and opportunities, including the convergence of digital, physical, and cyber systems in manufacturing and related sectors.

Recognition of Entrepreneurial Potential: Attendees recognize the entrepreneurial potential within the realm of Industry 4.0, understanding how emerging technologies such as IoT, AI, robotics, big data, and cloud computing are driving innovation and disruption in various industries.

Social media Link:

<https://www.facebook.com/photo/?fbid=471504122068303&set=a.177418398143545>

Video Link:

https://drive.google.com/drive/folders/1yB_xYTvdUOI9dU7u4RLvTATYnIEC7H

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Head of The Department

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



IIC-AMBASSADOR



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Institutions Innovation Council
The Oxford College of Engineering
Bengaluru-560068



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Belgaum)

DEPARTMENT OF CIVIL IN COLLABORATION WITH IIC

Workshop Report on

**“Entrepreneurship & Career Opportunities for Civil
Engineers in IT Field”**



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BENGALURU, INDIA

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Hosur Road, Bommanahalli, Bangalore -560068



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

**Department of Civil Engineering
In Association with
INSTITUTIONS INNOVATION COUNCIL**

Presents

Workshop on

“Entrepreneurship & Career Opportunities for Civil Engineers in IT Field”



By

Ms. R. Subhasri Jayamala
Technical Director & Corporate Trainer
GS3 Software Pvt. Ltd.
Bangalore 560104

Date: 19/02/2024
Time: 10 am onwards
Venue: Digital Class Room: 209

Dr. S.N.V.L.Narasimha Raju Chief Patron President The Oxford Educational Institutions	Dr. N. Kannan Principal & President IIC The Oxford College of Engineering	Dr Manjula C IIC Convener The Oxford College of Engineering	Dr. Malleshaiah T S Convener & Head of the Department The Oxford College of Engineering	Prof. Nayana B S IIC Member The Oxford College of Engineering
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The Oxford College of Engineering, Bengaluru- Institution Innovation Council in association with Department of Civil Engineering organized a Workshop on “Entrepreneurship & Career Opportunities for Civil Engineers in IT Field” on 19th February 2024, 10am by Ms. R. Subhasri Jayamala, Technical Director & Corporate Trainer, GS3 Software Pvt. Ltd. Bangalore 560104

OBJECTIVES:

Entrepreneurship and career opportunities for civil engineers in the IT field can be diverse and rewarding. Here are some objectives for civil engineers aiming to venture into entrepreneurship or pursue careers in the IT sector:

- 1) To create software applications that automate repetitive tasks in civil engineering processes, optimize workflows, and improve efficiency in project management, design, and construction.
- 2) To Develop innovative software solutions tailored to the needs of civil engineering projects, such as Building Information Modeling (BIM) software, Auto cad, Staad Pro.
- 3) To provide IT consulting services to civil engineering firms, helping them optimize their IT infrastructure.
- 4) To apply project management skills in IT projects related to civil engineering to get career opportunities, such as software development projects, IT infrastructure upgrades.

Around 48 students and 5 faculty members are participated in the workshop.

OUTCOMES:

Entrepreneurship and career opportunities for civil engineers in the IT field can lead to various outcomes that are beneficial for both individuals and the industry. Here are some potential outcomes:

- 1) Successful entrepreneurship can result in the development of innovative software solutions tailored to the needs of civil engineering projects
- 2) Successful entrepreneurship in the IT field can lead to financial success and stability for civil engineers, as revenue generated from software sales, licensing, or consulting services grows over time.
- 3) Civil engineers can pursue careers as software developers or engineers, contributing to the design, development, and maintenance of software applications used in civil engineering projects.
- 4) Civil engineers can work in IT consulting or project management roles, helping engineering firms optimize their IT infrastructure.



GPS Map Camera
 Bengaluru, Karnataka, India
 No 23 & 24, cluster, AMR Tech Park Internal Rd, Hongasandra, Bengaluru, Karnataka
 560068, India
 Lat 12.900962°
 Long 77.630881°
 19/02/24 02:56 PM GMT +05:30



GPS Map Camera
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 BENGALURU, INDIA

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 & Approved by A.I.C.T.E. New Delhi, accredited by NAACA New Delhi and Recognized by UGC
 Hosur Road, Bommanahalli, Bangalore - 560068

Department of Civil Engineering
 In Association with
INSTITUTIONS INNOVATION COUNCIL

Presents
Workshop on
"Entrepreneurship & Career Opportunities for Civil Engineers in IT Field"

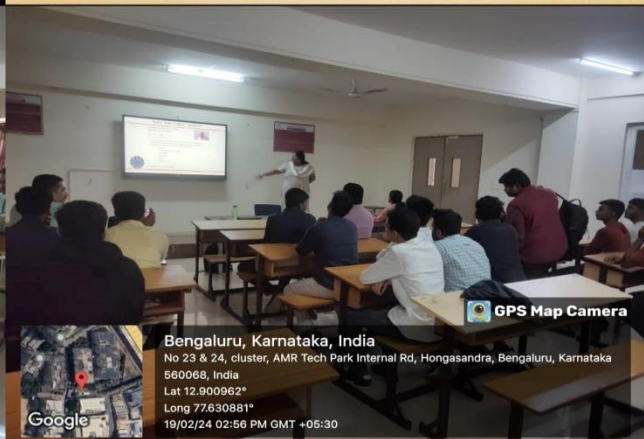
By
Ms. R. Subhasri Jayamala
 Technical Director & Corporate Trainer
 G53 Software Pvt. Ltd.
 Bangalore 560104

Date: 19/02/2024
 Time: 10 am onward
 Venue: Digital Class Room

Narasimha Raju **Dr. N. Kannan** **Dr. Manjula C** **Dr. Malleshah T S**
 Patron Principal & President IIC IIC Convener Convener & Head of
 of Patron The Oxford College of The Oxford College of The Oxford College
 of Educational Institutions Engineering Engineering of Engineering



GPS Map Camera
 Bengaluru, Karnataka, India
 No 23 & 24, cluster, AMR Tech Park Internal Rd, Hongasandra, Bengaluru, Karnataka
 560068, India
 Lat 12.900962°
 Long 77.630881°
 19/02/24 02:58 PM GMT +05:30



GPS Map Camera
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 No 23 & 24, cluster, AMR Tech Park Internal Rd, Hongasandra, Bengaluru, Karnataka
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VideoLink:

https://drive.google.com/file/d/1Sdo_F9lzQmNVfSjqwItdRu3gvUsN_FDq/view?usp=drive_link

Facebook link:

[https://www.facebook.com/photo/?fbid=416173557601360&set=a.177418398143545&__cft__\[0\]=AZV5Oc6KXTBNPji6wIRszr8HYLCqUf5AMBGKWoK0HD-8418uqdErBz6bzbabatIzXgfx9yVYtKCUmZbIRzBIrjVTKAZVyoZWqhRfbtfvyjVNekKB7xVRi_7cUxYYGxc65Tum9whE96lTAIRZtvxMUVnn6TnxknmdyuKwmMXPsew9_yRrU9wQ5EpFYIhDNXQo3tPYrMLGbO7G5XOYIiexd6X4&__tn__=EH-R](https://www.facebook.com/photo/?fbid=416173557601360&set=a.177418398143545&__cft__[0]=AZV5Oc6KXTBNPji6wIRszr8HYLCqUf5AMBGKWoK0HD-8418uqdErBz6bzbabatIzXgfx9yVYtKCUmZbIRzBIrjVTKAZVyoZWqhRfbtfvyjVNekKB7xVRi_7cUxYYGxc65Tum9whE96lTAIRZtvxMUVnn6TnxknmdyuKwmMXPsew9_yRrU9wQ5EpFYIhDNXQo3tPYrMLGbO7G5XOYIiexd6X4&__tn__=EH-R)

YouTube Link:

<https://youtu.be/zEBgZYvzxnQ>

Instagram Link:

<https://www.instagram.com/p/C3j8051LGyg/?igsh=aWs4eDhqaGFtdGNr>

Twitter Link:

<https://x.com/TheOxfordColle2/status/1759861961985241567?s=20>

Koo Link:

https://www.kooapp.com/koo/guest_RB6VS4/f0ad302b-80ba-41e4-817f-1071bc20b4ce



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Website:www.theoxford.edu Email : theoxfordcivil@gmail.com

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

Department of Civil Engineering

List of students for "Entrepreneurship & Career Opportunities for Civil Engineers in IT Field"

on 19-02-2024

Sl.No	USN	Name of the Student	Signature
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2	1OX20CV004	KEERTI	Keerti
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[Signature]
HOD/Civil

Nayana B.S.
IIC Coordinator

[Signature]
IIC Convener

[Signature]
IIC President



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BENGALURU, INDIA



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DEPARTMENT OF CIVIL IN COLLABORATION WITH IIC

Workshop Report on

**“Entrepreneurship & Career Opportunities for Civil
Engineers in IT Field”**



THE OXFORD
COLLEGE OF ENGINEERING
BENGALURU, INDIA

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Recognized by the Govt. of Karnataka, Affiliated to Visvesvaraya Technological University, Belagavi
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Hosur Road, Bommanahalli, Bangalore -560068



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

**Department of Civil Engineering
In Association with
INSTITUTIONS INNOVATION COUNCIL**

Presents

Workshop on

“Entrepreneurship & Career Opportunities for Civil Engineers in IT Field”



By

Ms. R. Subhasri Jayamala
Technical Director & Corporate Trainer
GS3 Software Pvt. Ltd.
Bangalore 560104

Date: 19/02/2024
Time: 10 am onwards
Venue: Digital Class Room: 209

Dr. S.N.V.L.Narasimha Raju Chief Patron President The Oxford Educational Institutions	Dr. N. Kannan Principal & President IIC The Oxford College of Engineering	Dr Manjula C IIC Convener The Oxford College of Engineering	Dr. Malleshaiah T S Convener & Head of the Department The Oxford College of Engineering	Prof. Nayana B S IIC Member The Oxford College of Engineering
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The Oxford College of Engineering, Bengaluru- Institution Innovation Council in association with Department of Civil Engineering organized a Workshop on “Entrepreneurship & Career Opportunities for Civil Engineers in IT Field” on 19th February 2024, 10am by Ms. R. Subhasri Jayamala, Technical Director & Corporate Trainer, GS3 Software Pvt. Ltd. Bangalore 560104

OBJECTIVES:

Entrepreneurship and career opportunities for civil engineers in the IT field can be diverse and rewarding. Here are some objectives for civil engineers aiming to venture into entrepreneurship or pursue careers in the IT sector:

- 1) To create software applications that automate repetitive tasks in civil engineering processes, optimize workflows, and improve efficiency in project management, design, and construction.
- 2) To Develop innovative software solutions tailored to the needs of civil engineering projects, such as Building Information Modeling (BIM) software, Auto cad, Staad Pro.
- 3) To provide IT consulting services to civil engineering firms, helping them optimize their IT infrastructure.
- 4) To apply project management skills in IT projects related to civil engineering to get career opportunities, such as software development projects, IT infrastructure upgrades.

Around 48 students and 5 faculty members are participated in the workshop.

OUTCOMES:

Entrepreneurship and career opportunities for civil engineers in the IT field can lead to various outcomes that are beneficial for both individuals and the industry. Here are some potential outcomes:

- 1) Successful entrepreneurship can result in the development of innovative software solutions tailored to the needs of civil engineering projects
- 2) Successful entrepreneurship in the IT field can lead to financial success and stability for civil engineers, as revenue generated from software sales, licensing, or consulting services grows over time.
- 3) Civil engineers can pursue careers as software developers or engineers, contributing to the design, development, and maintenance of software applications used in civil engineering projects.
- 4) Civil engineers can work in IT consulting or project management roles, helping engineering firms optimize their IT infrastructure.

VideoLink:

https://drive.google.com/file/d/1Sdo_F9lzQmNVfSjqwItDRu3gvUsN_FDq/view?usp=drive_link

Facebook link:

[https://www.facebook.com/photo/?fbid=416173557601360&set=a.177418398143545&__cft__\[0\]=AZV5Oc6KXTBNPji6wIRszr8HYLCqUf5AMBGKWoK0HD-8418uqdErBz6bzbabatIzXgfx9yVYtKCUMZbIRzBIrjVTKAZVyoZWqhRfbtfvyjVNekKB7xVRi_7cUxYYGxc65Tum9whE96lTAIRZtvxMUVnn6TnxknmdyuKwmMXPsew9_yRrU9wQ5EpFYIhDNXQo3tPYrMLGbO7G5XOYIiexd6X4&__tn__=EH-R](https://www.facebook.com/photo/?fbid=416173557601360&set=a.177418398143545&__cft__[0]=AZV5Oc6KXTBNPji6wIRszr8HYLCqUf5AMBGKWoK0HD-8418uqdErBz6bzbabatIzXgfx9yVYtKCUMZbIRzBIrjVTKAZVyoZWqhRfbtfvyjVNekKB7xVRi_7cUxYYGxc65Tum9whE96lTAIRZtvxMUVnn6TnxknmdyuKwmMXPsew9_yRrU9wQ5EpFYIhDNXQo3tPYrMLGbO7G5XOYIiexd6X4&__tn__=EH-R)

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on 19-02-2024

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[Signature]
HOD/Civil

Nayana B.S.
IIC Coordinator

[Signature]
IIC Convener

[Signature]
IIC President



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BENGALURU, INDIA



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EXPERT LECTURE ON
“Entrepreneurship opportunities in the field of industry 4.0”

  **INSTITUTION'S INNOVATION COUNCIL**
Ministry of Education

THE OXFORD COLLEGE OF ENGINEERING
Hosur Road Bommanahalli Bengaluru -560068,
(Approved by AICTE Accredited by NAAC 'A' & NBA New Delhi, . Affiliated to VTU, Belagavi)
Department of Computer Science and Engineering
In Association with IIC & IEEE

 **IEEE COMPUTER SOCIETY**

Presents
Expert Lecture on
“Entrepreneurship opportunities in the field of Industry 4.0”

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

Dr. N. Kannan
Principal & President IIC


Resource Person
Vijaysankar K
Director
IntelAIx Consulting Services Pvt. Ltd.

Date and Time
23rd May 2024(Thursday)
Venue: 3rd Floor Seminar hall
Time: 11 AM

Dr. E. Saravana Kumar
Professor & HOD CSE / TOCE

Dr. P. Bindu Madhavi
IIC Convenor / HOD AIML

Dr. Preeta Sharan
Dean R&D / ECE
IEEE Branch Counsellor

Prof. Asha Kumari A
Prof. Sathya M
IIC Ambassadors





Bengaluru, Karnataka, India
THE OXFORD COLLEGE OF ENGINEERING, 7th Main 6th Cross, Hongasandra,
Bengaluru, Karnataka 560068, India
Lat 12.899658°
Long 77.629386°
23/05/24 11:30 AM GMT +05:30



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23/05/24 11:31 AM GMT +05:30



The Oxford college of Engineering, Bangalore - Computer Science and Engineering in association with Institution Innovation Council and IEEE organized an Expert Lecture on “Entrepreneurship opportunities in the field of industry 4.0” on 24th May 2024 from 11:00 AM to 1:00 PM by Mr. Vijayasnagr K, Director IntelAIx consulting Private limited. He holds Bachelor’s degree from Electronics & Instrumentation Engineering and master’s degree in Software Systems (from BITS). The speaker bring over 23 years of extensive experience in the software industry. Currently serving as the Founder and Director of IntelAIx Consulting and Services Pvt Limited, he oversee the provision of process and technology consulting services to manufacturing and healthcare industries, with a focus on enhancing operational efficiency.

OBJECTIVE:

The main objective of the Expert Lecture on “Entrepreneurship opportunities in the field of industry 4.0 are Helping the entrepreneurs recognize gaps and inefficiencies in existing Industry 4.0 technologies and solutions, enabling them to identify lucrative market opportunities for innovation. The other objectives of the Expert Lecture are

- **Identifying market gaps:** is a crucial objective for entrepreneurs in the field of Industry 4.0.

- **Understanding Technological and Trends in Entrepreneurship:** Provide insights into emerging technologies and trends within Industry 4.0, empowering entrepreneurs to align their ventures with the latest advancements and disruptive innovations.
- **Encouraging Innovation:** Foster a culture of innovation by inspiring entrepreneurs to develop novel products, services, or business models that leverage Industry 4.0 technologies to address industry challenges and meet evolving market demands.
- **Promoting Collaboration among entrepreneurs:** Encourage collaboration among entrepreneurs, industry experts, researchers, and investors to facilitate the exchange of ideas, resources, and expertise, fostering the development of collaborative ventures and partnerships.
- **Building Entrepreneurial Skills:** Equip entrepreneurs with essential skills such as problem-solving, critical thinking, strategic planning, and risk management, necessary for successfully navigating the complexities of entrepreneurship in the Industry 4.0 landscape.
- **Accessing Funding Opportunities:** Provide guidance on accessing funding sources such as venture capital, grants, and accelerators tailored to support startups and entrepreneurial ventures in the field of Industry 4.0.
- **Empowering Entrepreneurial Leadership:** Inspire and empower entrepreneurial leaders to drive positive change, disrupt traditional industries, and create scalable and sustainable ventures that contribute to the advancement of Industry 4.0 and the broader socio-economic landscape.

Around 80 students and 8 faculty members are participated in the expert lecture.

OUTCOMES:

A primary outcome would be the formation of new startups or entrepreneurial ventures specifically targeting opportunities within the Industry 4.0 landscape.

Innovative Solutions: Entrepreneurs are expected to develop innovative solutions leveraging Industry 4.0 technologies to address existing challenges or capitalize on emerging opportunities in various sectors.

Market Penetration: Successful entrepreneurs would penetrate markets by introducing disruptive products, services, or business models that capitalize on the transformative potential of Industry 4.0.

Economic Growth of Entrepreneurship: Entrepreneurship in Industry 4.0 has the potential to stimulate economic growth by fostering innovation, increasing productivity, and enhancing competitiveness in domestic and global markets.

Awareness of Opportunities: Attendees gain awareness of the diverse range of entrepreneurship opportunities available, including those within emerging sectors like Industry 4.0, technology, sustainability, healthcare, and more.

Understanding of Entrepreneurial Mindset: Attendees develop an understanding of the entrepreneurial mindset, including traits such as creativity, resilience, adaptability, and risk-taking, which are essential for success in entrepreneurship.

Awareness of Industry 4.0 Landscape: Attendees gain a comprehensive understanding of Industry 4.0 technologies, trends, and opportunities, including the convergence of digital, physical, and cyber systems in manufacturing and related sectors.

Recognition of Entrepreneurial Potential: Attendees recognize the entrepreneurial potential within the realm of Industry 4.0, understanding how emerging technologies such as IoT, AI, robotics, big data, and cloud computing are driving innovation and disruption in various industries.

Social media Link:

<https://www.facebook.com/photo/?fbid=471504122068303&set=a.177418398143545>

Video Link:

https://drive.google.com/drive/folders/1yB_xYTvdUOI9dU7u4RLvTATYnlEC7H

[M](#)

THE OXFORD COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

Expert Lecture on " Entrepreneurship opportunities in the field of Industry 4.0"

ATTENDANCE SHEET:

Date: 23.05.2024

Sl. No	USN	Name	Year/Sem	Signature
1	10x21CS098 Priya Darshini.S	Priya Darshini.S	3 rd / 6 th sem	
2	10x21CS109	Ramyas	3 rd / 6 th sem	
3	10X21CS067	Keerthi HL	3 rd / 6 th	
4	10X21CS134	Shanthini.R	3 rd / 6 th sem	
5	10X21CS128	Sandhya.S	3 rd / 6 th sem	
6	10X21CS110	Ranjita SP	3 rd / 6 th	
7	10X21CS065	Kavya A	3 rd / 6 th	
8	10X21CS108	Rakshita	3 rd / 6 th	
9	10X21CS034	Chandana Chandana Nait	3 rd / 6 th sem	
10	10X21CS035	Chandana L	3 rd / 6 th sem	
11	10X22CS417	Sharista Akbar	3 rd / 6 th sem	
12	10X22CS421 Spoonst Hosamani	Spoonst Hosamani	3 rd / 6 th sem	
13	10X22CS419	shruthi K	3 rd / 6 th sem	
14	10X21CS121	Sabah Tabasum	3 rd / 6 th sem	
15	10X21CS123	Sahana R	3 rd / 6 th sem	
16	10X21CS156	Trupthi S	3 rd / 6 th sem	
17	10X21CS155	Teppala Sneha	3 rd / 6 th Sem	
18	10X21CS154	Tejaswini J	3 rd / 6 th Sem	
19	10X21CS061	K Prathik	3 rd / 6 th Sem	
20	10X21CS026	Ajeesh Bangalore	3 rd / 6 th sem	
21	10X21CS0701	Manikandan	3 rd / 6 th sem	
22	10X21CS095	Johan V	3 rd / 6 th sem	

23. ~~10x210069~~ 10x210069

Kiran Komaru

3rd/6th sem

Kiran

24. 10x21CS006

Adan.

3rd/6sm

Adan

25. 10x21CS087

RIZAN

3rd/6sem

Rizan

THE OXFORD COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

Expert Lecture on " Entrepreneurship opportunities in the field of Industry 4.0"

ATTENDANCE SHEET:

Date: 23.05.2024

Sl. No	USN	Name	Year/Sem	Signature
1	10X21CS093	Pankaj	6B	Pankaj Kumar
2	10X21CS095	Paran	6B	Paran
3	10X21CS116	Rohanrath	6C	Rohan
4	10X21CS106	Rajan	6B	Rajan Srinivas
5	10X21CS122	Sagar.C	6C	Sagar.C
6	10X22CS118	Shatamappa	6C	Shatamappa
7	10X21CS142	Ghreyas. B	6C	Ghreyas. B
8	10X21CS162	V Harish	6C	V Harish
9	10X21CS125	sai Thilak	6C	sai Thilak
10	10X21CS165	Vinod.T.R	6C	Vinod.T.R
11	10X21CS138	Shashanth.R	6C	Shashanth.R
12.	10X21CS022	Ashis Giri	6A	Ashis Giri
13	10X21CS005	Abhishek Mavrya	6A	Abhishek
14	10X21CS046	Dhulappa	6A	Dhulappa
15	10X22CS003	Abhijeet	6A	Abhijeet
16	10X21CS171	Zatmy	6C	Zatmy

17	10X21CS159	Umesh Kumar	6C	Umesh
18	10X21CS166	Vishnu Vardhan	6C	Vishnu
19	10X21CS055	Harshvardhan P	6A	Harshvardhan P
20	10X21CS036	Charan M.C	6A	Charan M.C
21	10X21CS071	KISHORE PRITHVI	6B	KISHORE PRITHVI
22	10X21CS086	Mohammed Abbas	6B	Mohammed Abbas

THE OXFORD COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

Expert Lecture on "Entrepreneurship opportunities in the field of Industry 4.0"

ATTENDANCE SHEET:

Date: 23.05.2024

Sl. No	USN	Name	Year/Sem	Signature
1	10X21CS093	Pankaj	6B	<i>Pankaj</i>
2	10X21CS095	Paran	6B	<i>Paran</i>
3	10X21CS116	Rohanvats	6C	<i>Rohan</i>
4	10X21CS106	Rajan	6B	<i>Rajan</i>
5	10X21CS122	Sagar.C	6C	<i>Sagar.C</i>
6	10X21CS418	Shatanappa	6C	<i>Shatanappa</i>
7	10X21CS142	Shreyas. B	6C	<i>Shreyas</i>
8	10X21CS162	Vharish	6C	<i>Vharish</i>
9	10X21CS125	sai Thilak	6C	<i>Sai Thilak</i>
10	10X21CS165	Vinod.T.R	6C	<i>Vinod.T.R</i>
11	10X21CS138	Shashantr	6C	<i>Shashantr</i>
12.	10X21CS022	Ashis Giri	6A	<i>Ashis</i>
13	10X21CS005	Ashishk Maurya	6A	<i>Ashishk</i>
14	10X21CS046	Dhulappa	6A	<i>Dhulappa</i>
15	10X21CS003	Abhijeet	6A	<i>Abhijeet</i>
16	10X21CS171	Zatny	6C	<i>Zatny</i>
17	10X21CS159	Umesh Kumar	6C	<i>Umesh</i>
18	10X21CS166	Vishnu Vaadhan	6C	<i>Vishnu</i>
19	10X21CS055	Maheshkumar	6A	<i>Mahesh</i>
20	10X21CS036	Charan M.C	6A	<i>Charan</i>
21	10X21CS071	KISHORE PRITHVI	6B	<i>Kishore</i>
22	10X21CS086	Mohammed Abbas	6B	<i>Mohammed</i>

23	10X21CS085	Mohamomad Saerwat	6B	<u>Saerwat</u>
24	10X21CS062	Kadappa Teli	6B	<u>Kadappa</u>
25	10X21CS070	Kishor. S. B	6B	<u>Kishor</u>
26	10X21CS080	Mani Anath	6B	<u>Mani Anath</u>
27	10X21CS104	Rehul R	6B	<u>Rehul</u>
28	10X21CS090	Narneet Kant Dubey	6B	<u>Narneet</u>
29	10X21CS114	Ritik Raj	6B	<u>Ritik</u>

THE OXFORD COLLEGE OF ENGINEERING

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ATTENDANCE SHEET:

Date: 23.05.2024

Sl. No	USN	Name	Year/Sem	Signature
01.	10X21CS066	Keerthana N.M	3 rd / 6 th	<i>Keerthana</i>
02.	10X21CS073	Laxmi M	3 rd / 6 th	<i>Laxmi</i>
03.	10X21CS074	Lekhana S.K	3 rd / 6 th	<i>Lekhana S.K.</i>
04	10X21CS118	Roopa R	3 rd / 6 th	<i>Roopa R</i>
05	10X21CS139	Sheela M	3 rd / 6 th	<i>Sheela M</i>
06	10X22CS410	Lavanya M	3 rd / 6 th	<i>Lavanya M</i>
07.	10X21CS097	Preksha KD	3 rd / 6 th	<i>Preksha</i>
08.	10X21CS102	Ragini. G.H	3 rd / 6 th	<i>Ragini</i>
09.	10X21CS092	Nrkitha	3 rd / 6 th	<i>Nrkitha</i>
10	10X22CS413	Rachitha.H	3 rd / 6 th	<i>Rachitha.H</i>
11	10X21CS082	Meghana M	3 rd / 6 th	<i>Megha</i>
12	10X21CS112	Repara. Anuana	3 rd / 6 th	<i>Repara.</i>
13	10X21CS111	Rashmi B	3 rd / 6 th	<i>Rashmi</i>
14	10X21CS081	Meghana C	3 rd / 6 th	<i>Megha</i>
15	10X21CS078	Manasa H.N	3 rd / 6 th	<i>Manasa</i>
16	10X21CS072	Lahari. HR	3 rd / 6 th	<i>Lahari. HR</i>
17	10X21CS069	Kashish saud	3 rd / 6 th	<i>Kashish</i>
18	10X21CS099	Purwa Sharma	3 rd / 6 th	<i>Purwa</i>
19	10X21CS077	Madhumitha V	3 rd / 6 th	<i>Madhu</i>
20	10X22CS407	Birde Gowda G.S	3 rd / 6 th	<i>Birde</i>
21	10X22CS403	chandana R.S	3 rd / 6 th	<i>chandana</i>

USN	NAME	YEAR/SEM	SLAN.	
22	Deepthi Rao NM			
22	10X21CS043	Deepthi Rao NM	3 rd yr / 6 th sem	<u>Deepthi</u>
23	10X21CS012	Ananya. M	3 rd yr / 6 th sem	<u>Ananya</u>
24	10X21CS001	A.R. Chetan	3 rd / 6 th sem	<u>ARChetan</u>
25	10X21CS040	Dharsan R	3 rd / 6 th sem	<u>Dharsan</u>
26	10X21CS048	Dinesh . D	3 rd / 6 th sem	<u>Dharsan</u>
27	10X21CS049	Divakar R	3 rd / 6 th sem	<u>Divakar</u>
28	10X21CS004	Abhilash	3 rd / 6 th sem	<u>Abhilash</u>

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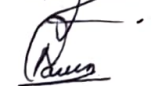


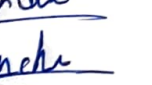

Department of Computer Science and Engineering

Expert Lecture on "Entrepreneurship opportunities in the field of Industry 4.0"

ATTENDANCE SHEET:

Date: 23.05.2024

Sl. No	USN	Name	Year/Sem	Signature
01	Shashank 10X21CS136	Shashank Muntlik	III / 6 th	
02	10X21CS164	Vignesh P	III / 6 th	
03	10X21CS144	Srikar V	III / 6 th	
04	10X21CS052	Gosala Manoj	III / 6 th	
05	10X21CS028	B Kiran	III / 6 th	
06	10X22CS406	Divakar C	III / 6 th	
07	10X21CS109	Rahul Kumar B Behera	III / 6 th	
08	10X21CS096	Pravjal B.	III / 6 th	
09	10X21CS063	Kaasthik M	III / 6 th	
10	10X21CS007	Adithya.P. Shetty	III / 6 th	
11	10X21CS094	Arun.S	III / 6 th	
12	10X21CS015	Anirudh S	III / 6 th	
13	10X21CS024	Anil Kumar S	III / 6 th	
14	10X21CS029	Balaji.R.M	III / 6 th	
15	10X21CS101	RaghuPami Lokesh	III / 6 th	
16	Rahul S 10X21CS105	Rahul S	III / 6 th	
17	10X22CS411	Ameen Anveshi	III / 6 th	
18	10X22CS412	Pawan K	III / 6 th	
19	10X22CS408	Hemant Raju	III / 6 th	

<u>SI.No</u>	<u>USN</u>	<u>Name</u>	<u>Year/Sem</u>	<u>Sign</u>
20	10X21CS084	Mohammad Sadaf	III/6 th	
21	10X21CS088	Nauman Ahmed	III/6 th	
22	10X21CS060	Joel G Rajan	3/6 th	
23	10X21CS094	Parthbeev T	3/6 th	
24	10X21CS076	M. Manikarth	3/6 th	
25	10X21CS089	Nanda Kumar A-M	3/6 th	<u>MLK</u> Nanda
26	10X21CS038	chunchu charakya	3/6 th	<u>chunchu</u>
27.	10X21CS124	Sahab Kamila	3/6 th	
28.	10X21CS14C	Srinivas N	3/6 th	<u>Soda</u>
29.	10X21CS152	Syed Ibrahim	3/6 th	<u>Soo</u>

Market Penetration: Successful entrepreneurs would penetrate markets by introducing disruptive products, services, or business models that capitalize on the transformative potential of Industry 4.0.

Economic Growth of Entrepreneurship: Entrepreneurship in Industry 4.0 has the potential to stimulate economic growth by fostering innovation, increasing productivity, and enhancing competitiveness in domestic and global markets.

Awareness of Opportunities: Attendees gain awareness of the diverse range of entrepreneurship opportunities available, including those within emerging sectors like Industry 4.0, technology, sustainability, healthcare, and more.

Understanding of Entrepreneurial Mindset: Attendees develop an understanding of the entrepreneurial mindset, including traits such as creativity, resilience, adaptability, and risk-taking, which are essential for success in entrepreneurship.

Awareness of Industry 4.0 Landscape: Attendees gain a comprehensive understanding of Industry 4.0 technologies, trends, and opportunities, including the convergence of digital, physical, and cyber systems in manufacturing and related sectors.

Recognition of Entrepreneurial Potential: Attendees recognize the entrepreneurial potential within the realm of Industry 4.0, understanding how emerging technologies such as IoT, AI, robotics, big data, and cloud computing are driving innovation and disruption in various industries.

Social media Link:

<https://www.facebook.com/photo/?fbid=471504122068303&set=a.177418398143545>

Video Link:

https://drive.google.com/drive/folders/1yB_xYTvdUOI9dU7u4RLvTATYnIEC7H

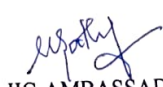
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HOD

Head of The Department

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



IIC-AMBASSADOR



IIC-CONVENOR

Institutions Innovation Council
The Oxford College of Engineering
Bengaluru-560068



PRINCIPAL

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



THE OXFORD
COLLEGE OF ENGINEERING
BENGALURU, INDIA



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

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

Workshop on “Entrepreneurship opportunities through Wire Shark and Network Simulator -2”



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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, accredited by NBA New
Delhi and Recognized by UGC

Hosur Road, Bommanahalli, Bangalore -560068



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)



Department of Computer Science and Engineering

In Association with IIC and IEEE

Organizing a
Workshop on

“Entrepreneurship opportunities through Wire Shark and
Network Simulator -2”

Chief Patron

**Dr.S.N.V.L
Narasimha Raju**

President

**The Oxford Educational
Institutions**

Dr. N. Kannan
**Principal & President
IIC**

**The Oxford College of
Engineering**

On

20th December 2023 @ 10:00 AM onwards

Venue: 3rd Floor CSE seminar hall

Resource Person:

Mr. Navile Nageshwara Naveen

Sr. Project Manager Tackle-D Private Ltd ,Kushalnagar

Dr C. Manjula
IIC Convener

**The Oxford College of
Engineering**

Dr. R CH A Naidu

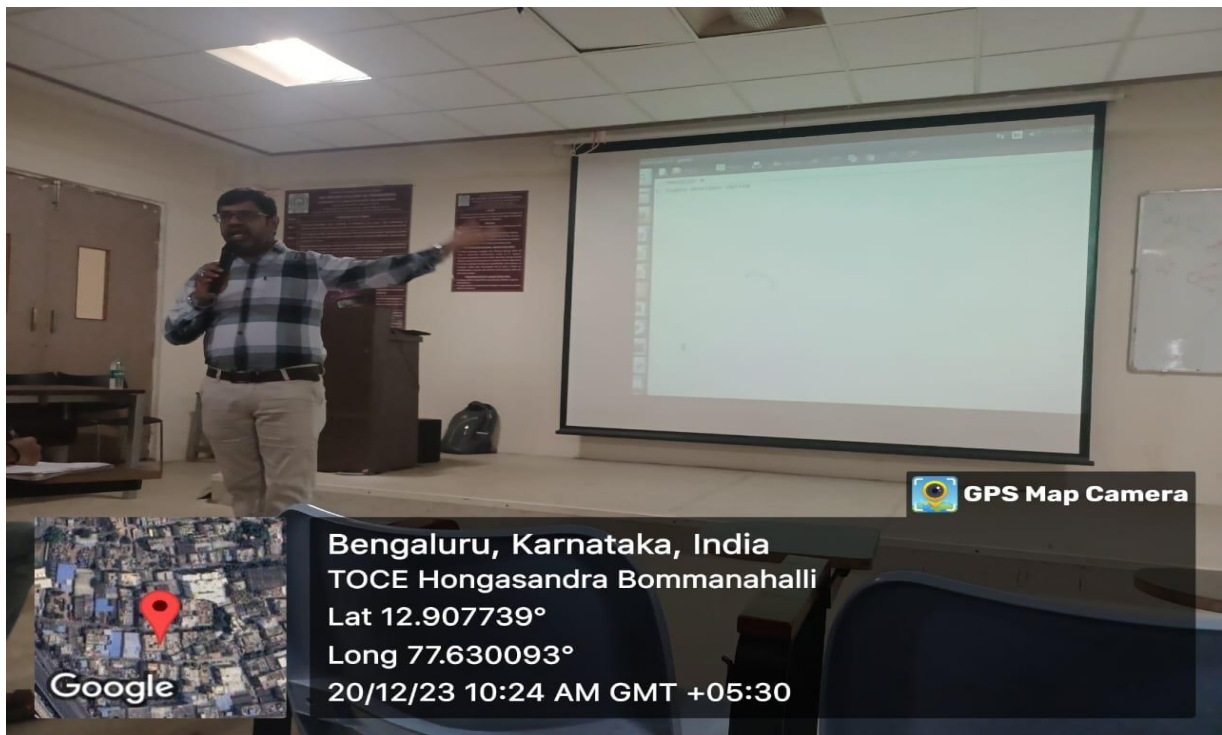
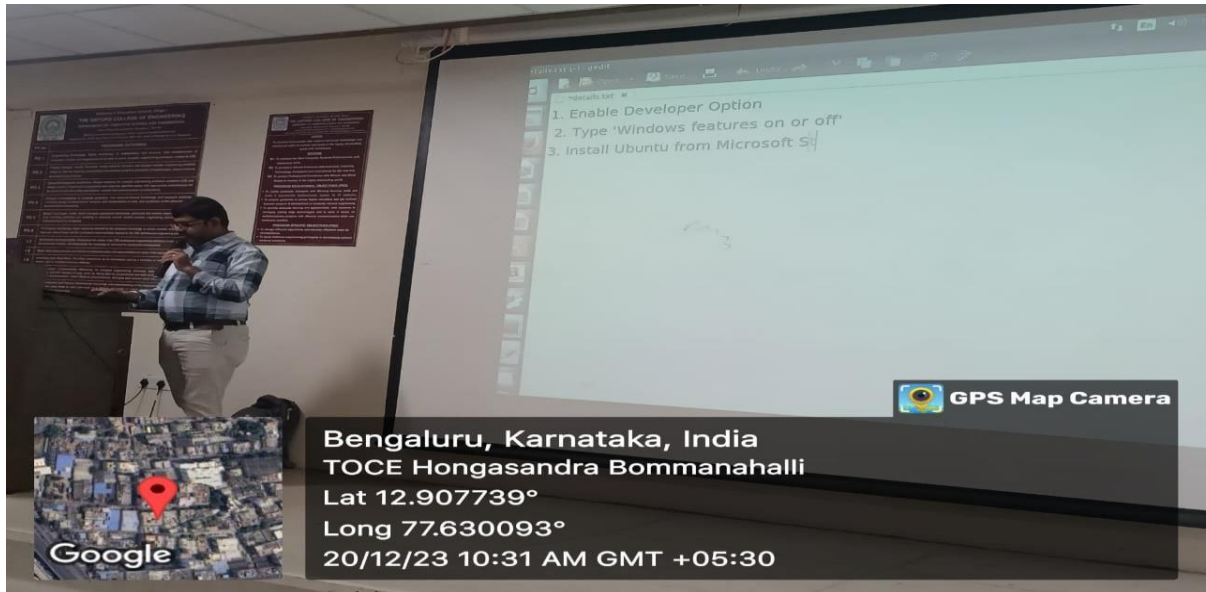
**Head of the
Department , CSE
The Oxford College of
Engineering**

IIC Ambassadors

**Dr E Saravana Kumar/CSE
Prof.M.Sathya/CSE**

IEEE coordinator

Prof. Asha Kumari/CSE





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 in the field of Entrepreneurship:** 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.
- **Entrepreneurial ventures:** 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 Wireshark 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 Wireshark 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.

Innovative 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 about Entrepreneurship and Innovation:

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

Innovative 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_PIIRRCZhfgnxVn3ivmvn/view?usp=sharing

Youtube Link:

<https://www.youtube.com/watch?v=L6hn8x271xE>

Social Media (Facebook)Link:

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

Linked In :

<https://www.linkedin.com/AgFuu9zGJILpGQAAAYyQYyEriqTpiykyJytxb-10y5XKIwYnrsqKydsIxhIuTpwof3lNhIaMxo0Y9vdWov1VNxOx7swOZw?ut=1aCAsHhWRl9X4l>

THE OXFORD COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

Workshop on "Entrepreneurship opportunities through Wire Shark & Network Simulator -2"

ATTENDANCE SHEET:

Date: 20.12.2023

Sl. No	USN	Name	Year/Sem	Signature
1.	10X21CS059	Harsh Kumar	3 rd / 5 th	Harsh
2.	10X21CS004	Abhilash hebbala	3 rd / 5 th	Abhilash
3	10X21CS003	Abhijeet	3 rd / 5 th	Abhijeet
4	10X21CS039	Darshan.B	3 rd / 5 th	Darshan
5	10X22CS401	Bharath	3 rd / 5 th	Bharath
6	10X21CS049	Divyansh R	3 rd / 5 th	Divyansh
7	10X21CS005	Abhishek Man	3 rd / 5 th	Abhishek
8	10X21CS130	Sanjay Sagan	3 rd / 5 th	Sanjay
9	10X21CS132	Satish NR	3 rd / 5 th	Satish
10	10X21CS131	Santosh R	3 rd / 5 th	Santosh
11	10X21CS135	Sharan Iq	3 rd / 5 th	Sharan
12	10X21CS119	Rushikesh	3 rd / 5 th	Rushikesh
13	10X21CS164	Vinay F	3 rd / 5 th	Vinay
14	10X21CS137	Shashanth M	3 rd / 5 th	Shashanth
15	10X21CS170	Yogesh	3 rd / 5 th	Yogesh





THE OXFORD COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

Workshop on "Entrepreneurship opportunities through Wire Shark & Network Simulator -2"

Date: 20.12.2023

ATTENDANCE SHEET:

Sl. No	USN	Name	Year/Sem	Signature
01	10X21CS044	Devaraju G S	3 rd / 5 th SEM	Devaraju
02	10X21CS016	Anisha Banerjee	3 rd / 5 th sem	
03	10X21CS009	Ahmed Faeem	3 rd / 5 th sem	
04	10X21CS007	Adithyan P Shetty	3 rd / 5 th sem	Adithyan
05	10X21CS014	Anil Kumar N S	3 rd / 5 th sem	Anil Kumar NS
06	10X21CS015	Anirudh S	3 rd / 5 th sem	Anirudh
07	10X21CS021	Arun S	3 rd / 5 th sem	
08	10X22CS404	CHANDU M	3 rd / 5 th Sem	Chandru M
09	10X22CS423	UDAY Kiran S	3 rd / 5 th Sem	U. odes Kiran
10	10X22CS405	Chinmay	3 rd / 5 th sem	Chinmay
11	10X21CS057	HEMANTH GOUDA A	3 rd / 5 th sem.	Hemant
12	10X21CS050	Dhanajiyan E	3 rd / 5 th sem	Dhanu
13	10X22CS400	AKASH V	3 rd / 5 th sem	Ash-V
14	10X22CS402	Bhavya P S	3 rd / 5 th sem	Bhavya
15	10X21CS038	chunchu chani -bya	3 rd / 5 th s	
16)	10X21CS006	Adan	3 rd / 5 th	Adan

THE OXFORD COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

Workshop on ""Entrepreneurship opportunities through Wire Shark & Network Simulator -2""

ATTENDANCE SHEET:

Date: 20.12.2023

Sl. No	USN	Name	Year/Sem	Signature
1.	10X21CS035	CHANDANA L	3 rd / 5 th 'A'	<u>Chandana</u>
2.	10X21CS002	A.S.Sudharani	3 rd / 5 th 'A'	<u>Sudharani</u>
3.	10X21CS020	ANUSHKACN	3 rd / 5 th 'A'	<u>Anushka</u>
4.	10X21CS019	Anusha R.	3 rd / 5 th 'A'	<u>Anusha</u>
5	10X21CS018	ANUSHA.H	3 rd / 5 th 'A'	<u>Anusha</u>
6	10X21CS024	Ashwini Sunkapali	3 rd / 5 th 'A'	<u>Ashwini</u>
7	10X21CS017	Amie Joseph	3 rd / 5 th 'A'	<u>Amie</u>
8	10X21CS042	Deekshashree	3 rd / 5 th 'A'	<u>Deeksha</u>
9	10X21CS047	Dimple Achar	3 rd / 5 th 'A'	<u>Dimple</u>
10	10X21CS011	Ameytha	3 rd / 5 th 'A'	<u>Ameytha</u>
11.	10X21CS012	Ananya.M	3 rd / 5 th 'A'	<u>Ananya</u>
12.	10X21CS043	Deepthi Rao NM	3 rd / 5 th 'A'	<u>Deepthi</u>
13.	10X22CS419	Shruthi.K	3 rd / 5 th 'C'	<u>Shruthi</u>
14	10X22CS421 Sports Hosamani	Sports	3 rd / 5 th 'C'	<u>Sports</u>
15	10X22CS407	Bindu Gauda	3 rd / 5 th 'A'	<u>Bindu</u>
16	10X22CS403	chandana.RS	3 rd / 5 th 'A'	<u>chandana</u>
17	10X22CS420	Sindhu.T.P	3 rd / 5 th 'C'	<u>Sindhu</u>
18	10X21CS147	Sukshitha	3 rd / 5 th 'C'	<u>Sukshitha</u>
19	10X21CS157	Tinhana A.Reddy	3 rd / 5 th 'C'	<u>Tinhana</u>
20	Yashaswini.S.L 10X21CS169	Yashaswini.S.L	3 rd / 5 th 'C'	<u>Yashaswini</u>
21.	Shindu 10X21CS140	Shindu	3 rd / 5 th 'C'	<u>Shindu</u>
22.	Bhavani.m. 10X21CS031	Bhavani.m.	3 rd / 5 th 'A'	<u>Bhavani</u>
23.	sneha.s. 10X21CS143	sneha.s.	3 rd / 5 th 'C'	<u>sneha</u>

24.	10X21CS145	SRIMATHI J	3 rd /5 th sem 'C'	<u>SRIMATHI J</u>
25.	10X21CS123	Sahana R	3 rd /5 th sem 'C'	<u>Sahana R</u>
26.	10X21CS134	Shanthini - R	3 rd /5 th 'C'	<u>Shanthini</u>
27.	10X21CS128	Sandhya - S	3 rd /5 th 'C'	<u>Sandhya</u>
28.	10X22CS417	Shanista Alcbau	3 rd /5 th 'C'	<u>Shanista</u>
29.	10X21CS149	Supriya	3 rd /5 th sem 'C'	<u>Supriya</u>
30.	10X21CS 150	Sushma	3 rd /5 th sem 'C'	<u>Sushma</u>
31.	10X21CS 117	Roja MK	3 rd /5 th sem 'C'	<u>Roja</u>
32.	10X21CS139	Sheela M	3 rd /5 th sem 'C'	<u>Sheela M</u>
33.	10X21CS056	Hazelchristina.A	3 rd /5 th Sem 'A'	<u>Hazel</u>
34.	Isha Kumari 10X21CS058	Isha Kumari	3 rd /5 th Sem 'A'	<u>Isha</u>
35.	10X21CS154	Tejaswini J	3 rd /5 th sem 'C'	<u>Tejaswini</u>
36.	10X21CS155	Teppala Sueha	3 rd /5 th Sem 'C'	<u>Teppala</u>
37.	10X21CS156	Toupti S	3 rd /5 th Sem 'C'	<u>Toupti</u>

THE OXFORD COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

Workshop on "Entrepreneurship opportunities through Wire Shark & Network Simulator -2"

ATTENDANCE SHEET:

Date: 20.12.2023

Sl. No	USN	Name	Year/Sem	Signature
17.	10X21CS146	Srinivas-N 3rd/5th	3 rd /5 th	Srinivas N
18.	10X21CS125	Sai Chirak	3 rd /5 th	Sai
19.	10X21CS142	Shreyas. Byahatti	3 rd /5 th	Shreyas
20	10X21CS122	Sagar Chinnam -ani	3 rd /5 th	Sagar C
21	10X21CS166	Rohant Vads	3 rd /5 th	Rohant
22.	10X21CS120	S. Sureshwar	3 rd /5 th	S. Sureshwar
23	10X21CS148	Suman Das	3 rd /5 th	S. Das
24	10X21CS165	Vinod.T.P	3 rd /5 th	Vinod.T.P
25	10X21CS130	Sanjay Sagar	3 rd /5 th	Sanjay
26	10X21CS132	Santhosh N.P	3 rd /5 th	Santhosh
27	10X21CS131	Santhosh P	3 rd /5 th	Santhosh
28	10X21CS167	VishnuKant	3 rd /5 th	VishnuKant
29	10X21CS166	Vishnuvardhan	3 rd /5 th	Vishnuvardhan
30	10X21CS119	Rachikesh	3 rd /5 th	Rachikesh
31	10X21CS171	Zatiny	3 rd /5 th	Zatiny
32	10X21CS135	Sharan. G	3 rd /5 th	Sharan

33 10X21CS159 Umesh Kumar 3rd/5th Umesh

34 10X22CS418 Sharanappa 3rd/5th Sharanappa

35 10X22CS416 Sathishkumar S 3rd/5th Sathishkumar S

36 10X22CS422 Sunit Teggi 3rd/5th Sunit Teggi


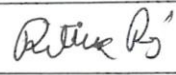
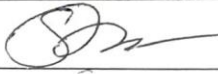


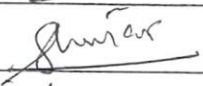



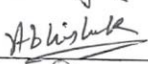

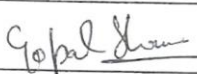


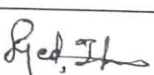
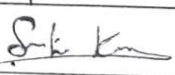
THE OXFORD COLLEGE OF ENGINEERING

Department of Computer Science and Engineering

Workshop on "Entrepreneurship opportunities through Wire Shark & Network Simulator -2"

ATTENDANCE SHEET:

Date: 20.12.2023

Sl. No	USN	Name	Year/Sem	Signature
1	10X22CS415	SANTOSH Rawal	3 rd /5 th	
2	10X21CS114	Ritik Raj	3 rd /5 th	
3	10X21CS129	SANI OHTA Puzari	3 rd /5 th	
4	10X21CS158	ujjwal NK	3/5	
5	10X21CS153	S.M wahi	3/5 th	
6	10X21CS133	Shankar	3 rd /5 th	
7	10X21CS036	Churan HC	3 rd /5 th	
8	10X21CS026	Ayush	3 rd /5 th	
9	10X21CS049	Diwakar R	3 rd /5 th	
10	10X21CS005	Abhishek Mawja	3 rd /5 th sem	
11	10X21CS025	Atul Sharma	3 rd /5 th sem	
12	10X21CS051	Gopal Sharma	3 rd /5 th sem	
13	10X21CS032	Biswajit Saha	3 rd /5 th	
14	10X21CS022	Ashis Giri	3 rd /5 th	
15	10X21CS152	Syed Ibrahim	3 rd /5 th	
16	10X21CS124	Sahab kamila	3 rd /5 th	

Instagram Link:

<https://www.instagram.com/p/C0qnd7rGM5/?igshid=Zj10YTZmZTMwMg==>

Twitter Link:

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


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IIC-CONVENOR


PRINCIPAL

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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



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BENGALURU, INDIA



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WORKSHOP ON “BIOINNOVATIONS AND START UP”

Children's Education Society*

THE OXFORD COLLEGE OF ENGINEERING

Hosur Road, Bommanahalli, Bengaluru-560 068
(Approved by AICTE, New Delhi, Accredited by NBA and NAAC with "A grade",
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DEPARTMENT OF BIOTECHNOLOGY

In Association With IEEE EMBS and Institution's Innovation Council(IIC)
Is organizing

WORKSHOP ON BIO-INNOVATIONS AND STARTUP

Date: 08/09/2023 Time: 11.00 am to 12 pm

RESOURCE PERSONS

MR. ANAND KANNAN
National Director of the
India chapter of the
International Federation
of Inventors Association
(IFIA)

DR. SATISH M. BHAVANKAR
Director of Avas DigiTech,
Director of the Yenilik
Foundation
Part of the IFIA BHARAT
advisory board

CHIEF PATRON
Dr. S. N. V. L. Narasimha Raju
President
The Oxford Educational Institutions

PATRON
Dr. N. Kannan
Principal
The Oxford College of Engineering

CONVENOR
Dr. B.K. Manjunath
Professor & Head
Department of BT

IEEE COORDINATOR
Dr. Preeta Sharan
Dean Research

FACULTY COORDINATORS
Dr. Valarmathy K **Dr. Indulekha John**
Assot.Professor Asst.Professor

The Oxford college of Engineering, Bangalore- Institution Innovation Council in association with IEEE-EMBS and Department of Biotechnology, TOCE organized a workshop on “Bio-innovations and start-up” 8th September 2023 from 11.00 A. M to 12.00 P.M in the department of Biotechnology.

OBJECTIVES:

- To bring out the innovative and creative ideas of students in the field of biotechnology
- To understand the Technological innovations to conserve the environment.
- To bring sustainability in innovation
- To make products from waste material and beneficial to society
- To understand the Start-up opportunities in the field of biotechnology

A workshop on “Bioinnovations and start-ups” was organized by The Department of Biotechnology in Association with IEEE Bangalore Chapter and Institution Innovation Council (IIC) on 8/9/23. The session featured, Mr. Anand Kannan, National Director of the India chapter of the International Federation of Inventors Association (IFIA) and Dr. Satish M. Bhavankar, Director of Avas DigiTech, the Director of the Yenilik Foundation, and is part of the IFIA BHARAT advisory board, renowned experts in the field of biotechnology and entrepreneurship. The event aimed to provide insights into the intersection of Bioinnovation and startup ventures.

The workshop began with an Inaugural Ceremony where the overview of the rapidly evolving field of biotechnology and its potential to drive innovation in various sectors, including healthcare, agriculture, and environmental sustainability was given by Dr. B. K. Manjunath, Professor & Head, Department of Biotechnology and Dr. Preeta Sharan, IEEE coordinator and the Dean Research, The Oxford College of Engineering. In the workshop the speakers Mr. Anand Kannan and Dr. Satish M highlighted the importance of a supportive startup ecosystem in the success of Bioinnovation ventures. This included access to funding, mentorship, and collaboration opportunities. Several real-life case studies were presented to illustrate successful Bioinnovation startups. These examples showcased innovative products and services that have made a significant impact on the industry. The speakers also discussed the challenges faced by Bioinnovation startups, including regulatory hurdles and market competition. However, they also emphasized the vast opportunities available for those willing to tackle these challenges. The event provided ample networking opportunities, allowing attendees to connect with like-minded individuals, potential investors, and mentors. Collaborative efforts among participants were encouraged. The talk concluded with an engaging Q&A session, during which the audience had the chance to seek clarifications and gain further insights from the expert.

Overall, the workshop on Bioinnovation and startups was informative and inspiring. Students were left with a deeper understanding of the potential of Bioinnovation and the necessary steps to embark on successful startup journeys in this dynamic field. The event encouraged networking and collaboration, fostering a sense of enthusiasm among those present.

46 students and 7 faculties participated in the workshop and made the event successful.



Glimpses of the Workshop



THE OXFORD COLLEGE OF ENGINEERING
DEPARTMENT OF BIOTECHNOLOGY

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Honnahalli, Hosur Road, Bengaluru - 560068
Ph: 080-30219601/30219602/336 Fax: 080-25710551/302196291 mail: enggprincpal@theoxford.edu Web: www.theoxford.edu

Title of the Event: Workshop on Personalization to Start up
Date: 8/9/21
ATTENDANCE SHEET
IV Semester

No	Name	USN	Signature	SNo	Name	USN	Signature
1	ADITHYAN B	10X2IBT001	Adithyan	30	PRIYA SHASEGHIAR	10X2IBT031	Priya
2	ADARSHYA	10X2IBT002	Adarshya	31	R PARANIKA	10X2IBT032	R Parnika
3	ADITHYAN SHIVARI	10X2IBT003	Adithyan	32	RAKESH KUMAR	10X2IBT033	Rakesh
4	AJANANATH KUMAR	10X2IBT004	Ajananath	33	RISHA	10X2IBT034	Risha
5	AJANANATH	10X2IBT005	Ajananath	34	RUCHITHA	10X2IBT035	Ruchitha
6	AJAY K	10X2IBT006	Ajay	35	R PADMASRI	10X2IBT036	R Padmasri
7	AKSHAY GURAY	10X2IBT007	Akshay	36	SAINATH	10X2IBT037	Sainath
8	AKSHITHA K S	10X2IBT008	Akshitha	37	SAMITHA GNANAK	10X2IBT038	Samitha
9	AJAYAN K	10X2IBT009	Ajayan	38	SALMON K	10X2IBT039	Salmon
10	AJAYAN K	10X2IBT010	Ajayan	39	SALINI	10X2IBT040	Salini
11	AKHIL	10X2IBT011	Akhil	40	SARAVANA	10X2IBT041	Saravana
12	AKHIL	10X2IBT012	Akhil	41	SARAVANA	10X2IBT042	Saravana
13	AKHIL	10X2IBT013	Akhil	42	SARAVANA	10X2IBT043	Saravana
14	AKHIL	10X2IBT014	Akhil	43	SARAVANA	10X2IBT044	Saravana
15	AKHIL	10X2IBT015	Akhil	44	SARAVANA	10X2IBT045	Saravana
16	AKHIL	10X2IBT016	Akhil	45	SARAVANA	10X2IBT046	Saravana
17	AKHIL	10X2IBT018	Akhil	46	SARAVANA	10X2IBT047	Saravana
18	AKHIL	10X2IBT019	Akhil	47	SARAVANA	10X2IBT048	Saravana
19	AKHIL	10X2IBT020	Akhil	48	SARAVANA	10X2IBT049	Saravana
20	AKHIL	10X2IBT021	Akhil	49	SARAVANA	10X2IBT050	Saravana
21	AKHIL	10X2IBT022	Akhil	50	SARAVANA	10X2IBT051	Saravana
22	AKHIL	10X2IBT023	Akhil	51	SARAVANA	10X2IBT052	Saravana
23	AKHIL	10X2IBT024	Akhil				
24	AKHIL	10X2IBT025	Akhil				
25	AKHIL	10X2IBT026	Akhil				
26	AKHIL	10X2IBT027	Akhil				
27	AKHIL	10X2IBT028	Akhil				
28	AKHIL	10X2IBT029	Akhil				
29	AKHIL	10X2IBT030	Akhil				

OUTCOME:

The main agenda of the workshop was to increase the knowledge about start ups and innovations in the field of Biotechnology. The outcome of the workshop was to explore the innovative ideas to design the products and models in the field of biotechnology. The workshop helped the students to understand more about the advancement in biotechnology. Students and faculty realized the networking opportunities and potential for the development of new bioinnovations and startup ventures through this workshop.

Facebook link: <https://shorturl.at/fxzT0>

Recording link: https://youtu.be/_l0QFdiU9gl


IIC Coordinator


HoD


IIC Convener


Principal & President IIC

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



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DEPARTMENT OF CIVIL IN COLLABORATION WITH IIC

Workshop Report on

“Entrepreneurship and Career Opportunities in Construction Management”



THE OXFORD
COLLEGE OF ENGINEERING
BENGALURU, INDIA



**INSTITUTION'S
INNOVATION
COUNCIL**
(Ministry of HRD Initiative)

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Hosur Road, Bommanahalli, Bangalore -560068

Department of Civil Engineering
In Association with
INSTITUTIONS INNOVATION COUNCIL

Presents
Online Workshop on
“Entrepreneurship and Career Opportunities in Construction Management”



By
Mrs. Malarvizhi
Project Manager
Feature Constructions LLP
Rahuvanahalli, Bangalore

Date: 11/11/2023
Time: 10 am onwards
Venue: Digital Class Room: 209

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

Dr. N. Kannan
Principal & President IIC
The Oxford College of
Engineering

Dr Manjula C
IIC Convener
The Oxford College of
Engineering

Dr. Malleshaiah T S
Convener & Head of
the Department
The Oxford College
of Engineering

Prof. Nayana B S
IIC Member
The Oxford College
of Engineering

The Oxford College of Engineering, Bengaluru- Institution Innovation Council in association with Department of Civil Engineering organized a Workshop on “Entrepreneurship and Career Opportunities in Construction Technology” 11th November 2023, 10am by Mrs. Malarvizhi, Project Manager, Feature Constructions LLP, Rahuvanahalli, Bangalore.

OBJECTIVES:

The main objective of the workshop is to create a knowledge about Entrepreneurship and Career Opportunities in Construction Technology. The workshop aims to

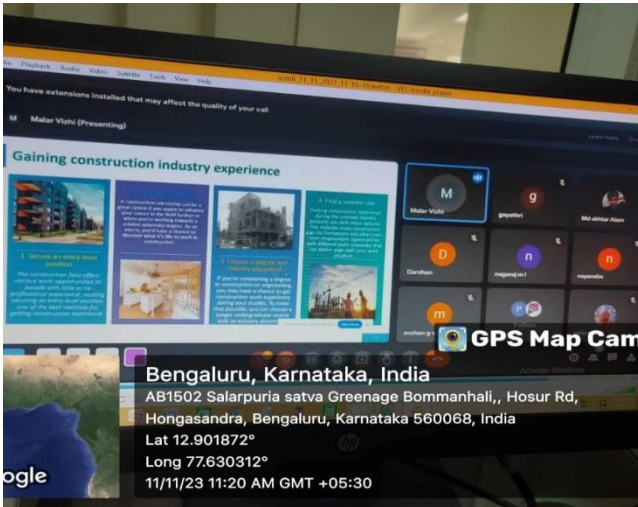
- 1) Entrepreneurship and career opportunities in construction management can be outlined to achieve both personal and professional goals, as well as to contribute positively to the construction industry and broader society.
- 2) To introduce innovative solutions, processes, or technologies to the construction industry to differentiate your business from competitors and create a competitive advantage.
- 3) To progress in your construction management career by acquiring new skills like learning construction management course, certifications, and experiences that enable you to take on more challenging roles and responsibilities.
- 4) To find fulfillment and satisfaction in your construction management career by working on diverse projects like bridges, multistoried buildings, overcoming challenges, and making meaningful contributions to the built environment.

Around 45 students and 5 faculty members are participated in the seminar.

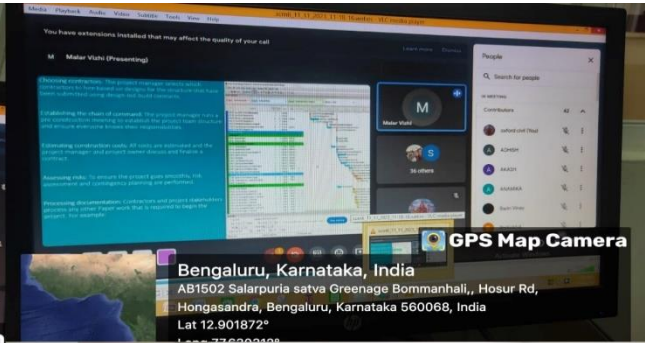
OUTCOMES:

Upon completion of the workshops, participants are expected to have gained

- 1) Entrepreneurship in construction management can create job opportunities for construction professionals, project managers, engineers, and support staff, contributing to economic growth and employment.
- 2) Successful entrepreneurship in construction management can position your firm as a leader in the industry, influencing trends, standards, and practices through thought leadership, innovation, and collaboration.
- 3) Pursuing career opportunities in construction management can lead to personal and professional growth, including skill development, career advancement, and increased responsibility.
- 4) Career opportunities in construction management allow you to contribute to the creation of essential infrastructure, buildings, and facilities that serve communities and improve quality of life.



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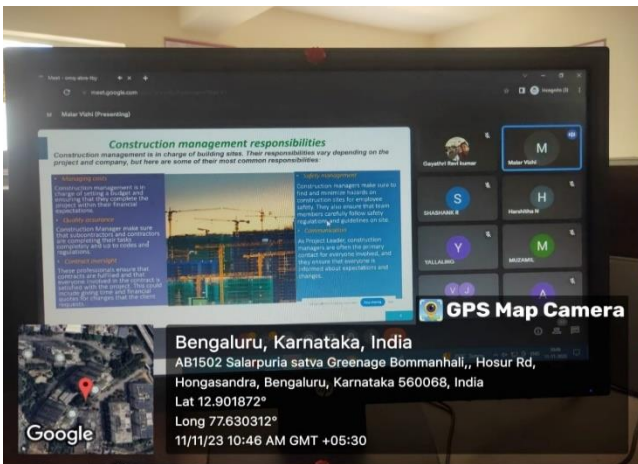
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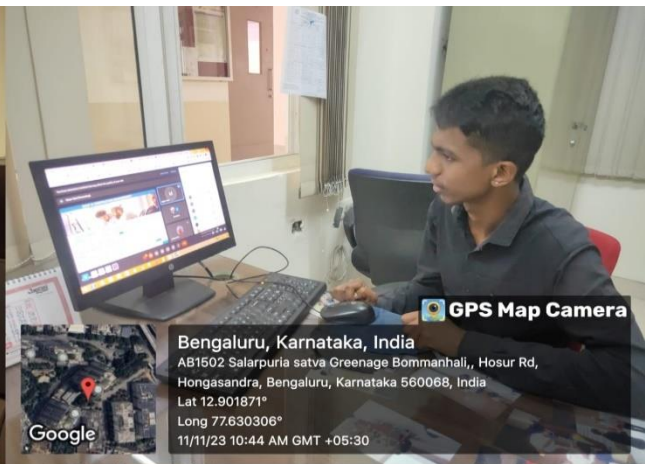
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Long 77.630306°
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Video Link:

https://drive.google.com/file/d/1O96bTmJR37TdUZO4FGz_MQEQjgMTvoHV/view?usp=drive_link

Registration link:

https://docs.google.com/forms/d/e/1FAIpQLSddO66NejVAKMwXhQB2-Fa9zOPK3Oov0NisgeenzBLkccYHgA/viewform?usp=sf_link

Facebook link:

[https://www.facebook.com/photo/?fbid=357632523455464&set=a.177418398143545&__cft__\[0\]=AZWYnPiuml2OYTMGKVjv9RAWH_un_DQJR-vR3RJqn8ENI-WK0uTcqTtv-R28hIBDCspkYbKJXhfwSIYBADtfUQN_n3I7zgu3qw93iVvx7DPcAzYJs0FgsVh42WNM7va1AyNK3HHrs6igpy4XEDszZ_dXIY2Qhw0BzmZoQB8HKZ0piqbz2AEldFYy2Zt7hiNshFXJS5n13Jg8gYXuL-i6lmGu&__tn__=EH-R](https://www.facebook.com/photo/?fbid=357632523455464&set=a.177418398143545&__cft__[0]=AZWYnPiuml2OYTMGKVjv9RAWH_un_DQJR-vR3RJqn8ENI-WK0uTcqTtv-R28hIBDCspkYbKJXhfwSIYBADtfUQN_n3I7zgu3qw93iVvx7DPcAzYJs0FgsVh42WNM7va1AyNK3HHrs6igpy4XEDszZ_dXIY2Qhw0BzmZoQB8HKZ0piqbz2AEldFYy2Zt7hiNshFXJS5n13Jg8gYXuL-i6lmGu&__tn__=EH-R)



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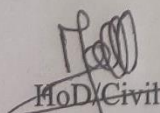
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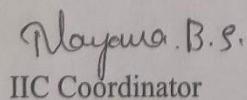
Department of Civil Engineering

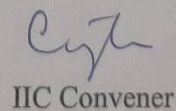
List of students for "Entrepreneurship and Career Opportunities in Construction Technology"
on 11-11-2023

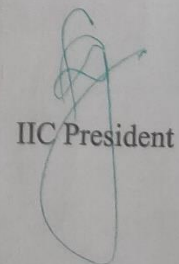
Sl.No	USN	Name of the Student	Signature
1	1OX20CV002	FAIZAN AHMAD MIR	
2	1OX20CV004	KEERTI	
3	1OX20CV005	LINGESHWARAN A	
4	1OX20CV006	MOHAN G V	
5	1OX20CV007	NAGARAJA M L	
6	1OX20CV008	PRAJWAL ADARSH HIREMATH	
7	1OX20CV009	RANJITH GOWDA S	
8	1OX20CV010	RONNIE ARON R	
9	1OX20CV011	SUDEEP J T	
10	1OX20CV012	SUMIT OAD	
11	1OX20CV013	SURESH KUMAR CHOUDHARY	
12	1OX20CV014	UMMAY HANI	
13	1OX21CV400	BHARATH	
14	1OX21CV401	DEEPAK KUMAR V	
15	1OX21CV402	SUPREETH KUMAR	
16	1OX21CV001	A. YASIR AHMED SHAIKH	
17	1OX21CV002	ADHISH N	
18	1OX21CV003	AKASH B M	
19	1OX21CV004	ALBERTSON AKOIJAM	
20	1OX21CV005	ANAMIKA VINESH	
21	1OX21CV006	BHAVANA M	
22	1OX21CV008	MEHDI ALI MEKHRI	
23	1OX21CV009	MOAAZ AHMED	

24	1OX21CV010	MOHAMMAD IQBAL LAHERWAL	Mohd. Iqbal
25	1OX21CV011	MUNEEB AHMAD BHAT	Muneel Bhat
26	1OX21CV012	NAMRATHA C PRABHU	Namratha
27	1OX21CV013	SHASHANK R	Shashank
28	1OX21CV014	SYED HABEEB PATEL	Syed
29	1OX21CV015	TAHSANUL HASSAN	Tahsan
30	1OX21CV016	VIJAY KUMAR A	Vijay
31	1OX21CV017	YALLALING S	Yallaling
32	1OX21CV018	HARSHIL S G	Harshit
33	1OX22CV400	JAYRAM BIDAKAR	Jayram
34	1OX22CV401	MOHD MUZAMIL SHEIKH	Mohammed
35	1OX22CV402	PAVAN KUMAR N H	Pavan
36	1OX22CV403	VICTORY S	Victory
37	1OX22CV404	VINOD REDDY	Vinod Reddy
38	1OX22CV001	BADARINATH C	Badarinarath C
39	1OX22CV003	HARSHITH S	Harshith
40	1OX22CV004	MOHAMMED AKHTAR ALAM	M. Akhtar
41	1OX22CV005	RAKSHITH S	Rakshith
42	1OX22CV007	SHREYAS CHANDRA HASS C R	Shreyas
43	1OX22CV008	ESHWAR M	Eshwar
44	1OX22CV009	SHANAWAZ AHMED	Shanawaz
45	1OX22CV010	TAMILSELVAN P	Tamil Selva


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