

# DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru-560 074, Karnataka



Session  
On

## “ My Entrepreneurship Journey”

Organized by

**SPARK AURA- Dept. of Electrical & Electronics, Mechanical, Civil  
Engineering, R & D & IIC**

Coordinated by

**Mr. Rajath Shankar P.S**  
Assistant Professor,  
Dept. of EEE, DBIT

**Mr. Somshekhar R**  
Assistant Professor,  
Dept. of Mech, DBIT

**Mrs. Manjula Rani P**  
Assistant Professor,  
Dept. of Civil, DBIT

Held at

**Don Bosco Institute of Technology**

During

**22<sup>nd</sup> November 2023**

**2023-2024**



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## Authentication Page

A REPORT On The Session "My Entrepreneurship Journey"

Organized by:

Coordinated by:

**Mr. Rajath Shankar P.S**  
Assistant Professor,  
Dept. of EEE, DBIT

**Mr. Somshekhar R**  
Assistant Professor,  
Dept. of Mech, DBIT


**Mrs. Manjula Rani P**  
Assistant Professor,  
Dept. of Civil, DBIT


Held at Venue: **Don Bosco Institute of Technology**

During: **22<sup>nd</sup> November 2023**

Academic Year: **2023-2024**

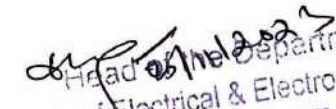
Signature of the Coordinator with date:

 25/11/23

 25/11/23

 25/11/23

Signature of the HOD with date:

 25/11/2023  
Head of the Department  
Dept. of Electrical & Electronics Engg.  
Don Bosco Institute of Technology  
Kumbalagodu, Bangalore - 560 074

Signature of the Head-IQAC with date:

 25/11/2023  
Director - IQAC  
Don Bosco Institute of Technology  
Mysore Road, Kumbalagodu  
Bengaluru-560 074

Signature of the Principal with date:

 25/11/2023  
**PRINCIPAL**  
Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074.

## Introduction/ Preamble

A Session on “**My Entrepreneur Journey**” was organized for 3<sup>rd</sup> and 5<sup>th</sup> sem students by SPARK AURA, Dept. of EEE, Mech, Civil Don Bosco Institute Of Technology during 22<sup>nd</sup> November 2023. The Program started at 10:00AM in Basement Seminar Hall and Dr. Anguraja R, HOD-EEE welcomed the keynote speaker followed by Introduction about speaker by Mr.Rafi Ahmed Z, Asst.Professor followed by talk on My entrepreneurship journey by resource person **Mr. Sai Manoj C (Mech-2012 Batch)**. Finally vote of thanks was given by Rafi Ahmed Z, Asst.Professor

## Objectives and Learning outcomes

### Objectives


1. To develop and strengthen entrepreneurial traits, such as motivation, risk-taking confidence, and goal-setting.
2. To expose the participants to the challenges and prospects of entrepreneurship in various sectors and industries.
3. To increase the awareness of the concerned schemes and support to develop a startup ecosystem such as financial institutions, government schemes mentors and networks.

### Outcomes

At the end of the session,

1. The students shall be motivated to take up entrepreneurship as a career option and contribute to the economic and social development of the country.
2. The students shall be equipped to select the right type of project and product based on their interests, abilities, and market opportunities.
3. The students will be able to find problems worth solving in their chosen domains and industries.

## Attendance Report


**Don Bosco Institute of Technology**  
 (NAAC Accredited Institution)  
**Department of Electrical & Electronics Engineering**  
 (Accredited by NBA)

Attendance for Technical Talk on "My Entrepreneurship Journey" on 22-11-2023

Semester: 5

Sl.No	USN	Name of Student	Signature
1	1DB21EE001	BALAJI K	
2	1DB21EE002	BHARATHKUMAR M	
3	1DB21EE003	CHANDANASC	
4	1DB21EE004	CHIRAG S	
5	1DB21EE006	DEEPIKA R	
6	1DB21EE008	HARSHITHA M	
7	1DB21EE011	KARITHIKA L	
8	1DB21EE012	KEERTHANA SH	
9	1DB21EE013	KIRAN B S	
10	1DB21EE014	KISHORE C	
11	1DB21EE016	LUCKY ALI	
12	1DB21EE018	NAINIKA R	
13	1DB21EE019	OMKAR JAIN	
14	1DB21EE020	PRIYANSHU SINGH	
15	1DB21EE021	SAGAR S	
16	1DB21EE022	SAHANA N	
17	1DB21EE023	SHASHANK R	
18	1DB21EE024	SINCHANA PS	
19	1DB21EE025	SONY B K	
20	1DB21EE026	SPANDANA V	
21	1DB21EE027	SRIKANTH S	
22	1DB21EE028	SUSHMITHA R	
23	1DB21EE029	VAISHNAVI Y	
24	1DB21EE030	VARSHITHA M	
25	1DB21EE031	VARUN R	
26	1DB21EE032	VINUTHA M V	
27	1DB21EE033	VIVEK GOWDA KR	
28	1DB22EE400	ABHILASH G S	
29	1DB22EE401	ABHISHEK	
30	1DB22EE402	ASHWINI M	





**Don Bosco Institute of Technology**  
(NAAC Accredited Institution)  
**Department of Electrical & Electronics Engineering**  
(Accredited by NBA)



Attendance for Technical Talk on "My Entrepreneurship Journey" on 22-11-2023

Semester: 3<sup>rd</sup>

SLNo	USN	Name of Student	Signature
1	IDB22EE001	ABHISHEK S	
2	IDB22EE002	CHANDU R	
3	IDB22EE003	CHEZHAN M	
4	IDB22EE004	CHEZHANA R	Chethan R
5	IDB22EE005	CHIRAG N	
6	IDB22EE006	DARSHAN N GOWDA	
7	IDB22EE007	DARSHANGOWDA L G	
8	IDB22EE008	DEEPAK N	Deepak N
9	IDB22EE009	DEVINYA E	
10	IDB22EE010	GANAVI H S	Ganavali
11	IDB22EE011	HARSHA K P	Harsha K P
12	IDB22EE012	HARSHINI G	Harshini G
13	IDB22EE013	HARSHITHA S	
14	IDB22EE014	HEMANTH S ADITHYA	
15	IDB22EE015	K MANJULA	
16	IDB22EE016	KEERTHANA G	Keerthana
17	IDB22EE017	KISHOR K S	
18	IDB22EE018	KUSUMA R	Kusuma R
19	IDB22EE019	LIKITH V	Likith V
20	IDB22EE020	LOKESH M	
21	IDB22EE021	MADHURASHREE K	Madhurasree K
22	IDB22EE022	MANOJ G S	Manoj G S
23	IDB22EE023	POORVI L	
24	IDB22EE024	ROHIT	
25	IDB22EE025	SAI DARSHAN K	
26	IDB22EE026	SAIRISHITH PHATTEPUR	
27	IDB22EE027	SANKETH N	
28	IDB22EE028	SHREYA TIWARI	
29	IDB22EE029	SHREYAS N	Shreyas N
30	IDB22EE030	SRUJAN K	
31	IDB22EE031	SUMANTH GOWDA K M	
32	IDB22EE032	SUMEDH UJVALE	
33	IDB22EE033	SYED SUFIYAN	
34	IDB22EE034	TEJASWINI SIDDAPPA	Tejas
35	IDB22EE035	VEDASHREE N K	
36	IDB22EE036	VIDYASHREE B M	Vidyaashree B.M
37	IDB22EE037	VIVEKANAND	
38	IDB22EE038	YOGESH KUMAR	



**DON BOSCO INSTITUTE OF TECHNOLOGY, BANGALORE**  
**DEPARTMENT OF MECHANICAL ENGINEERING**  
**V & VII SEMESTER 23-NOV-2023**

**"My Entrepreneurship Journey" Attendance**

SL. NO.	URN	NAME	SIGNATURE
1	IDB21ME001	Chaitanya Krishna Dhanakoti	
2	IDB21ME002	Gagan Gowda S	
3	IDB21ME004	Neeraj B	
4	IDB21ME005	Nihal Adarsh Ronuk	
5	IDB21ME007	Yathalesha F	
6	IDB22ME400	B M Bharath Kumar	
7	IDB22ME402	Darshan D	
8	IDB22ME403	Darshan G	
9	IDB22ME404	Kishan S A	
10	IDB22ME405	Mahesh K H	
11	IDB22ME406	Manoj T	
12	IDB22ME407	Megharaja Kori	
13	IDB22ME408	Pavan Kumar K	
14	IDB22ME409	Shivrudra Swamy H D	
15	IDB17ME350	Naboday Roy	
16	IDB20ME001	Abhishek A P	
17	IDB20ME002	Charan S	
18	IDB20ME004	Tejas M	
19	IDB21ME400	Adithya Sai Ram H N	
20	IDB21ME401	Arun Kumar B N	
21	IDB21ME402	Bhargav K	
22	IDB21ME404	Mohan T E	
23	IDB21ME405	Naveen	
24	IDB21ME406	Naveen Kumar B G	
25	IDB21ME407	Nikhil K M	
26	IDB21ME408	Pramodh P M	
27	IDB21ME409	Preran H G	
28	IDB21ME410	Rohith Kumar N R	
29	IDB21ME411	Sha Faizur Rehman	
30	IDB21ME412	Shiva Kumar C M	
31	IDB21ME413	Suhas S	
32	IDB21ME414	Shusheel Kumar K S	
33	IDB21ME415	Syed Jawad Mehd	

Professor S. Haid  
 Dept of Mechanical Engineering  
 Don Bosco Institute of Technology  
 Bangalore - 560 074.



ATTENDANCE FOR SESSION ON "MY ENTREPRENEURSHIP JOURNEY" ON 22.11.2023

Sl. No.	Name of the Students	VSN	Signature
1	Pooja.G	1DB20CV013	Pooja.G
2	Pallavi D	1DB20CV014	Pallavi.D
3	Suhana	1DB20CV018	Saha
4	Boojisha.R	1DB20CV014	Boojisha.R
5	JNANESH.	1DB20CV029	Jnanesh
6	Nisarga.G.C	1DB20CV011	Nisarga.G.C
7	Srinivas.M	1DB20CV031	Srinivas.M
8	Abhilash	1DB20CV040	Abhilash
9	Mohammed Offar	1DB20CV002	Offar
10	Wahid Ahmed.S	1DB20CV021	Wahid
11	L.R.Vaishnavi	1DB20CV046	Caiba
12	Rethna.Jadhav	1DB20CV015	Rethna
13	Madhura Jayalakshmi.K	1DB20CV018	Madhura
14	Draksha	1DB20CV016	Draksha
15	Nanika.H.P	1DB20CV013	Nanika
16	MAYUK.C	1DB20CV011	MAYUK
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Head of the Department  
 Department of Civil Engineering  
 Don Bosco Institute of Technology

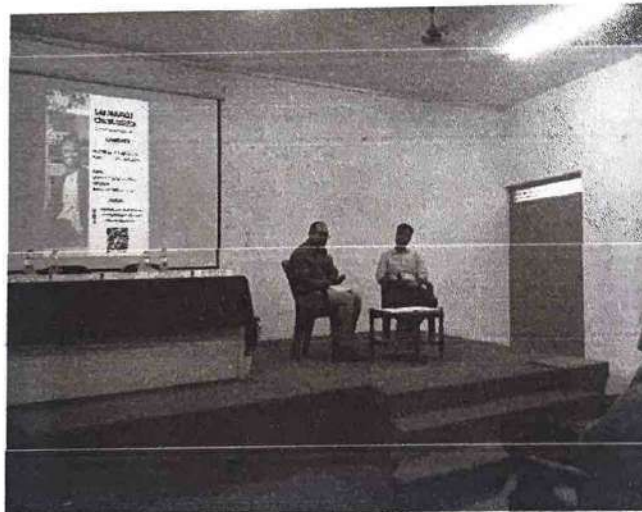
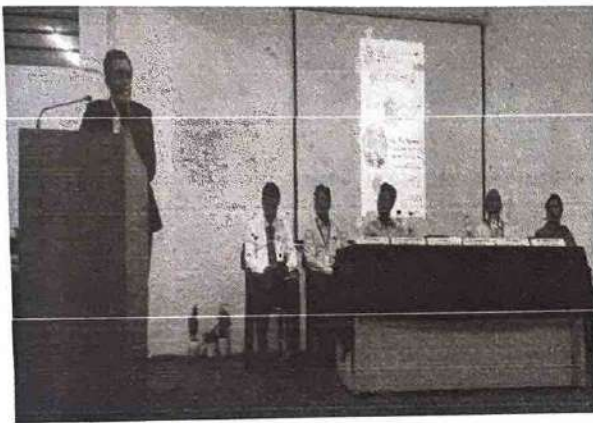
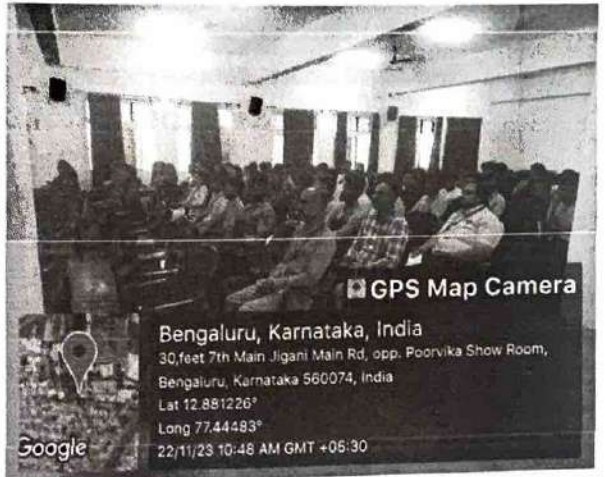


## Participant's feedback Summary:

The resource persons gave insight knowledge on the My Entrepreneurship Journey The participants felt that resource person was very informative and had wonderful interaction with participants. Overall the participants felt the session was useful and understood about entrepreneur skills to become a good entrepreneur.

Timestamp	Email Address	Full Name	UID	Branch	Contact Number	The Content delivered in the Session was Informative and Interesting?	Did the speaker cover the aspects of Career Opportunities in Entrepreneurship / Startup?	Did the Session achieve the Program Objectives?	How Satisfied were you with the Session Content?	Which topics or aspects of the Session did you find most interesting or useful?	What were your key Learnings from this Session?	Your Overall Feedback on the Session on Scale of 1 to 5
18-25-2021 14:54:51	chloemaria@gmail.com	Fahara N	DBS2021002	EEE	9650003630	5	Yes	Yes	5	The challenge in work from home	To start up a business	5
18-25-2021 14:55:41	dhruvansh16@gmail.com	Dhruvan N	DBS2021005	EEE	9825283233	5	Yes	Yes	5	Information	Key points for start a business	5
18-25-2021 14:56:49	chaitanyabhai1717@gmail.com	Chaitanya	DBS2021001	EEE	8660202041	4	Yes	Yes	4	Useful		4
18-25-2021 14:58:38	abhishek1992@gmail.com	Abhishek G	DBS2021000	EEE	9898341487	3	Yes	Yes	3	Useful		4
18-25-2021 14:58:41	krishnasid123@gmail.com	Krishnan S	DBS2021012	EEE	9090432435	5	Yes	Yes	5	His strength and he believes in himself and creates companies	How to start the company even if it small idea and address about expenses for it	5
18-25-2021 14:59:42	deepansubhatkhatke10@gmail.com	Deepika R	DBS2021006	EEE	9232721271	4	Yes	Yes	4	The speaker spoke to address something	How to start up	5
18-25-2021 15:00:55	www.rahulnataraj10@gmail.com	Ashwin M	DBS2021010	EEE	9098951981	5	Yes	Yes	5	About his life experience	Aspirant startup	4
18-25-2021 15:04:36	pranav2004@gmail.com	Pranav R	DBS2021019	EEE	9026386375	5	Yes	Yes	4	His career	How to start up	4
18-25-2021 15:05:11	dhruvansh16@gmail.com	Krishnan G	DBS2021016	EEE	7039492544	5	Yes	Yes	3	His life story	How to start up	3
18-25-2021 15:06:56	dhruvansh16@gmail.com	DHRUVAN K GOVINDA	DBS2021004	EEE	8664533071	4	Yes	Yes	4	How to start up and entrepreneur is completely different from college environment	About entrepreneurship	5
18-25-2021 15:06:58	tanishkulkarni1@gmail.com	Ranank J A-shay	DBS2021009	EEE	9897112426	5	Yes	Yes	5	Insight of an entrepreneur's mindset	How skills and experiences will help build your career	5
18-25-2021 15:07:46	vikramprabhuhanumanth27@gmail.com	Vikram prabhush	M6201421	EEE	925740522	5	Yes	Yes	5	Financial literacy part it's use full for us and everyone	How to learn people and their language for better business	5
18-25-2021 15:10:07	eshaaj2304@gmail.com	Mansi G	DBS2021022	EEE	9434307744	5	Yes	Yes	5	The interaction they had with audience through the session	It's not just to learn, but the actual of trying to find content we should work towards our goal	5
#####	sathishkumar56@gmail.com	Shanku P P	DBS2021015	EEE	9792700023	5	Yes	Yes	5	We should not stick on to our branch	How to become an entrepreneur	5
18-25-2021 15:17:20	arjunshankar19@gmail.com	Vishayam T	DBS2021020	EEE	9436483746	5	Yes	Yes	5	Working in other field than their own	Scholarship about higher studies	5
#####	chaitanyabhai1717@gmail.com	Chaitanya M	DBS2021004	EEE	8434152534	4	Yes	Yes	4	How money manage in his life	What we studied and what we work there will be no relation	4
18-25-2021 15:20:59	eshaaj2304@gmail.com	Mansi T	DBS2021022	MEDN	5363238113	5	Yes	Yes	5	Doing higher study and starting business	What are problems were to become entrepreneur	5
18-25-2021 15:22:07	shubhamprabhu10@gmail.com	Shubh Aditya Prabhu	DBS2021005	MEDN	7766282536	5	Yes	Yes	5	Globalization	How to start up	5
18-25-2021 15:24:34	acharyashankar10@gmail.com	Majumdarji An	DBS2021001	MEDN	4362277086	4	Yes	Yes	5	USEFUL	Knowledge	5
18-25-2021 15:26:43	chaitanyabhai1717@gmail.com	Chaitanya K Vinay Chandraji	DBS2021004	MEDN	3864448394	4	Yes	Yes	4	personal skill of career	Do ready for anything regarding job opportunities	4
18-25-2021 15:29:27	rahulshankar10@gmail.com	Eshan S A	DBS2021016	MEDN	8072046503	5	Yes	Yes	5	Startup information	How to stick for single field	5
18-25-2021 15:43:45	shubhamprabhu10@gmail.com	BHASKARASHANKAR	DBS2021005	MEDN	3908489530	4	Yes	Yes	4	Entrepreneur	We need to get explore in all fields of work	5
18-25-2021 15:52:03	pranav2004@gmail.com	Pranav Ganesh	DBS2021001	MEDN	9396485291	5	Yes	Yes	4	Everything	Business tactics	4
18-25-2021 15:52:12	rahulshankar10@gmail.com	Tanishk E	DBS2021001	MEDN	7029460203	5	Yes	Yes	5	Entrepreneurship journey	Design is also important	5
18-25-2021 16:04:11	shanku196@gmail.com	Shanku S H	DBS2021016	MEDN	8726344472	5	Yes	Yes	5	Reason of successful	Knowledge	5

# PHOTO & GALLERY





Annexure



DON BOSCO INSTITUTE OF TECHNOLOGY

ALUMNI ASSOCIATION ®

MYSORE ROAD, KUMBALAGODU, BENGALURU - 560074



Reconnecting Relations

DBITAA/ 2023 - 2024 / ODD / 031

20-11-2023

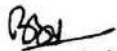
To  
The President  
DBITAA, Bangalore

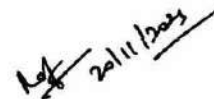
From  
The Alumni Coordinator  
DBITAA, Bangalore

Sub: Request to grant permission to organize a talk on Entrepreneurship on 22/11/2023 - Reg

With reference to the above subject, this is to bring to your kind notice that as a part of the Internship Program to the Pre-Final Students of EEE, AI&DS, MECH and CV Departments, DBITAA is planning to organize a Session by our Alumnus Mr. Sai Manoj C (ME - 2012 Batch) - Co-Founder of ModMySpace Interiors Pvt Ltd titled "My Entrepreneurship Journey" on 22<sup>nd</sup> November 2023 (Wednesday) in Seminar Hall SH2 at 10AM. A total of about 140 Students are likely to attend it. Looking forward for your consent to organize the same. Please do the needful.

permitted

  
21/11/23

  
21/11/2023  
Yours Sincerely

Email ID: [alumni coordinator@dbit.co.in](mailto:alumni coordinator@dbit.co.in)  
[alumni.relations@dbit.co.in](mailto:alumni.relations@dbit.co.in)

Contact No: +91-9606236236



**Don Bosco Institute of Technology  
Alumni Association (R)**

Mysore Road, Kumbalagodu, Bengaluru - 560074

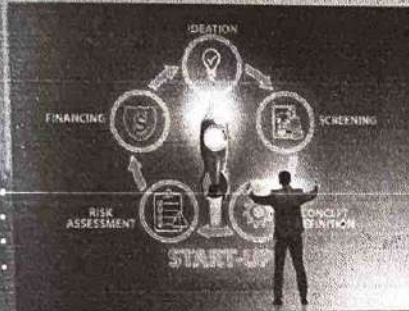


Reconnecting Relations

In Collaboration with the  
Departments of EEE, MECH, AI&DS, CV, R&D & IIC



## Session on "My Entrepreneurship Journey"



**22-Nov-2023 | Wednesday**

**Time: 10 AM - 12 PM**

**Venue : DBIT Campus**

### Resource Person



**Mr. Sai Manoj C**  
(MECH - 2012 Batch)

Co-Founder  
ModMySpace Interiors  
Pvt Ltd

### About the Session

The Objective of this session is to unfold the episodes of success & challenges dotted in the journey of a successful entrepreneur with the morals of business and life as a key takeaway.

### Organizing Chairs

**Dr. B S Nagabhushana**

Principal, DBIT

**Dr. Anguraja R**

HOD, EEE Dept.

**Dr. K C Anantha Padmanabham**

HOD, ME Dept.

**Dr. Gowramma G S**

HOD, AI&DS Dept.

**Prof. Sandhya Rani G M**

HOD, CV Dept.

### Presided By

**Sri. B. Bylappa**

President, WET

**Sri. B. Manjunath**

Executive Director, DBIT

**Sri. Raghav Bylappa**

Secretary, WET



alumni.coordinator@dbit.co.in  
alumni.relations@dbit.co.in

Visit DBIT Alumni Portal - [alumni.dbit.co.in](http://alumni.dbit.co.in)



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**DON BOSCO INSTITUTE OF TECHNOLOGY**

**ALUMNI ASSOCIATION**

MYSORE ROAD, KUMBALAGODU, BENGALURU - 560074



Reconnecting Relations

DBITAA/ 2023 - 2024 / ODD / 034

23-11-2023

To  
The President  
DBITAA, Bangalore

From  
Alumni Coordinator  
DBITAA, Bangalore

**Sub: Request to sanction the payment for the expenses of expert talk session - "My Entrepreneurship Journey" by our Alumnus for 5<sup>th</sup> semester students, held on 21/11/2023 - Reg**

With reference to the above subject, this is to bring to your kind notice that DBITAA in Collaboration with the Departments of EEE, AI&DS, MECH and CV had organized a Session by our Alumnus Mr. Sai Manoj C (ME - 2012 Batch) - Co-Founder of ModMySpace Interiors Pvt Ltd titled "My Entrepreneurship Journey" on 22<sup>nd</sup> November 2023 (Wednesday) for the pre-final year Students of these 4 Departments as part of their Internship Program. Hence we kindly request you to sanction the payment of Rs 2,500/- (in words: Rupees Two Thousand Five Hundred Only) as Honorarium for the Resource Person and Rs 1,220/- as Miscellaneous expense to the Account of Prof. Rafi Ahmed.

Expenses	Amount
Honorarium	Rs 2,500/-
Refreshments + Miscellaneous	Rs 1,220/-
<b>Total Expense Amount</b>	<b>Rs 3,720/-</b>

**BANK: STATE BANK OF INDIA  
BRANCH: MALLESWARAM  
IFSC CODE: SBIN0040017  
ACCOUNT NUMBER: 64160916669  
BENEFICIARY NAME: Sai Manoj Choragudi**

Approved  
Boragamma

Approved  
Raf Ahmed  
24/11/23

Yours Sincerely  
Raf Ahmed  
23/11/23

Email ID: [alumnicoordinator@dbit.co.in](mailto:alumnicoordinator@dbit.co.in)  
[alumni\\_relations@dbit.co.in](mailto:alumni_relations@dbit.co.in)

Contact No: +91-9606236236





Wayanamac Education Trust ®  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Mysuru Road, Kumbalagodu, Bengaluru-560 074.



## Department of Artificial Intelligence and Data Science



REPORT ON

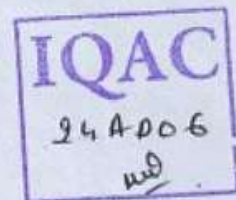
**“Navigating your future: Insights on career path and Higher Education”**

ORGANIZED BY

**“Dept. of AI & DS”**

COORDINATED BY

**Dr. Ranjini P S**  
Professor  
Department of AI&DS



VENUE

**Room No B215, B Block, DBIT, Bengaluru**

Date: 28-06-2024

**AY-2023-2024**



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ORGANIZED BY

"Dept. of AI & DS"

COORDINATED BY

Dr. Ranjini P. S.

Professor

Department of AI&DS

VENUE

Room No B112, B Block, DBIT, Bengaluru

Date: 28-06-2024

AY-2023-2024

# Authentication Page

A REPORT ON - "Navigating your future: Insights on career path and Higher Education"

**Coordinated by:**

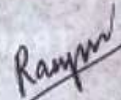
Dr. Ranjini P S, Professor, Department of AI&DS, DBIT, Kumbalugudu

**Date and Venue:**

Room No B215, B Block, DBIT, Bengaluru, Date: 28-06-2024

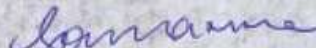
**Academic Year: 2023-2024**

**Signature of the Coordinator with date:**



**Dr. Ranjini P S**  
Professor  
Department of AI&DS

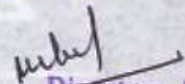
**Signature of the Convener with date:**



**Dr. Gowramma G.S**  
Professor & HoD

Head of the Department  
Department of AI&DS  
Dept. of Artificial Intelligence & Data Science  
Don Bosco Institute of Technology,  
Kumbalagodu, Mysore Road,  
Bangalore-560074

**Signature of the Head-IQAC with date:**

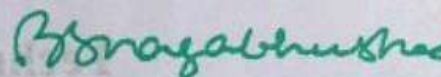


Director - IQAC  
Don Bosco Institute of Technology  
Mysore Road, Kumbalagodu  
Bengaluru-560 074

**Signature of the Principal with date:**

**PRINCIPAL**

Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074





PLEASE JOIN WITH US TO



## NAVIGATING YOUR FUTURE: INSIGHTS ON CAREER PATH AND HIGHER EDUCATION

SPEAKER

**SOMASHEKARA**

TRAINING AND PLACEMENT OFFICER,  
DBIT, KUMBALAGUDU

COORDINATED BY

**DR. RANJINI P S**

PROFESSOR  
DEPARTMENT OF AI&DS

ORGANIZED BY

"DEPT. OF AI & DS"

Friday  
**28th**

June, 2024  
**10-11AM**

B BLOCK, DBIT, BENGALURU

Invitation designed for the inauguration day

**Technical Forum**

Dept. of Artificial Intelligence and Data Science  
DBIT, Bengaluru



# PROGRAMME FLOW

Date: 28-06 -2024

Venue: Room No B215, B Block

Sl. No	Time Schedule	Event Description	In-charge
1	10.00 Am – 10.15 Am	Welcome Address	Ms. Sapna S Basavaraddi
2	10.15 Am – 10.25 Am	Invocation	Student
3	10.25 Am – 10.30 Am	Lighting of the Lamp by dignitaries	
4	10.30 Am - 10.40 Am	Introduction of the Chief Guest	Dr. Ranjini PS
5	10.40 Am – 11.40 Am	Keynote Address by the Chief Guest	
6	11.40 am – 11.45 Am	Felicitation to the Chief Guest	Dr. Gowramma G.S
7	11.45 pm – 11.50 Am	Vote of Thanks	Student

**Convener**

**Dr. Gowramma G.S**

**Professor, HOD,**

**Dept. of AI&DS**





## About the Speaker



### SOMASHEKARA

Leadership | Relationship Building | People Management

✉ somashekarsoma1964@gmail.com ☎ +91 990-216-1133  
📍 Bengaluru

#### Key Competencies

- Business Development
- Corporate Relations & Partnerships
- Corporate Recruitment Training & Placement
- E-Learning & Digital Training
- Career Guidance & Counselling
- Creative Training Techniques
- Branding Methodology
- Relationship Management

#### Skills

- Goal Oriented with Positive Attitude
- Passion & Patience
- Operational Efficiency
- Influential Communication
- Interpersonal Skills
- Industry Coordination & Collaboration
- People Management
- Negotiation Skills
- Time Management

#### Education

- **2019 | (Ph.D.) Mechanical Engineering and Science**  
VTU-Belagavi
- **2016 | MTech - Product Design and Manufacturing (PDM)**-  
VTU/BMSCE, Bengaluru
- **1989 | BE Mechanical** from  
Islamiah Institute of  
Technology, Bangalore University

#### Profile Summary

- Chronicled success with over **3 decades** of rich experience in the **educational industry and academia**, currently serving as a Training and Placement Officer.
- **Demonstrated leadership** success in **fostering corporate connections, orchestrating significant placements**, & pioneering initiatives to bridge the gap between education and industry needs.
- **Prominent organizations** Juspay, Johnson Control, Schneider Electric, TCS, Infosys, IBM, Byju's, Caggemini, Accenture, Toyota, Entity Data, CSG International, HP, and PRDC to name a few.
- Specialist in **nurturing corporate relations and international connections** to expand the network and enhance placements.
- **Promote brand visibility** through various engagements and devise and maintain strategic MOU's for exemplary placement.
- Competent in **shaping students' careers and futures** elevates the institute's standing in the education landscape.

#### Achievements

- Placement of **800+ students** in 2022-23 for **8 engineering and 2 years full-time MBA management programs**.
- **Rolled out 814 job offers** with **27 Lacs** as the highest placement
- Nurtured **200+ corporate relationships & partnerships** for placements
- Encourage **Infosys Springboard for Digital Era Training**, a free learning platform for digital courses and life skills to upskill students.
- Initiated **The Infosys Fintech Certification Program** to enhance skills for 5th-semester students.
- **Collaborated with the Indian Air Force (IAF) and Japanese organizations** for diverse job Opportunities
- **Conducted annual JEE, CAT, GATE, NIELIT, and CFA high level exams for over 3500 students**.
- Instrumental in **facilities upgradation** by obtaining **50 desktop PCs worth 20 lakhs** for the students
- **Career Counselling and entrepreneur guidance** for career shaping.



## Career Trajectory



**BHARAT EARTH MOVERS LTD-K.G.F**  
Asst.Engineer  
Apr 1991- Apr 1996

**ASHOK LEYLAND-HOSUR**  
Asst.Manager  
Apr 1996 - Jun 2006

**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Asst.Professor  
Feb 2008- Feb 2019

**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Training & Placement Officer  
Feb 2019 - Till Date

## Work Experience

### DON BOSCO INSTITUTE OF TECHNOLOGY

Feb 2008 – Till Date

#### Training and Placement Officer

Since Feb 2019

- Head an institute as a **training and placement officer** to identify and provide training needs of students, arranging the campus interviews for the engineering and MBA students.
- Instrumental in **proposing annual training and placement budget** to assist students in successfully searching for jobs through job portals and assist employers in achieving hiring goals.
- **Empowering students with life-long career counselling and career planning** with guidance for the future and ensuring the right placement to the right candidate and see the job fit to excel in future life
- Understand the Corporate needs and establish and **nurture 200+ corporate relationships, enhancing the institute's industry network and increasing** placement records.
- Achieved **Record-Breaking Placement** by facilitating **841 job placements** in the academic year 2021-22, with the highest package of **Rs. 27 lakhs** through Juspay during 2021-22, a testament to effective placement strategies showcasing a commitment to student success.
- **Showcased resilience in placement** by achieving a remarkable placement success of **over 300+ students in 2022-23** despite global job recession challenges
- Spearheaded the adoption of **Infosys Springboard for Digital Era training**, ensuring students are equipped for the evolving industry landscape.
- **Strategic MOUs were** formed to encourage partnerships with organizations like Capgemini and TNS to provide 400 hours of full-stack Java training and placement assistance to underprivileged students as a corporate social responsibility.
- **Frequently upgrade the infrastructure and facilities, like securing 50 desktop P.C.s worth 20 lakhs for the college, breaking the barriers** to learning and enhancing the learning environment.
- Foster international collaborations with Japanese organizations, offering avenues for I.T. job opportunities in Japan.
- Collaborated with the **Indian Air Force (IAF)** for **comprehensive career counselling** on diverse job opportunities for engineering students.
- **Constant Industry Interaction** with organizations like Foxconn (iPhone manufacturer) for core branches, facilitating opportunities for Mechanical, Electronics, and Electrical engineering students.
- Initiated the **Infosys Fintech Certification Program** for 5th-semester students, enhancing their skills and job opportunities in the rapidly evolving fintech domain.
- Vigorous **engagement with parents and students** during visits for CET, ComedK, and Management admissions promotes a supportive academic environment.
- Conducted online and offline exams such as **JEE, CAT, GATE, NIELIT, and CFA**, contributing to the college's **brand visibility** and academic excellence.



## Conclaves, Summit & Workshops

- Excon Exhibition on 16 Dec 2023 at BIEC
- ICT Academy BRIDGE Bengaluru on 13 Dec 2023 - ITC Gardenia, Bengaluru
- 4th Annual Rethink H.R. Conclave 2023 on 25 Oct 2023 –Lalit Ashok, Bengaluru
- Codinus TPO Meet on 23 June 2023 –Hyatt Centric MG Road, Bengaluru
- VTU TPO Conclave-2023 on 30th Jan 2023-RVCE, Bengaluru
- Bengaluru Tech Summit on 30th Nov 2022 at Palace Ground Bengaluru
- HR-TPO Conclave on 18th & 19th Nov 2022-North Avenue Mysore
- HMT and ATD.
- Metrology and Measurement Techniques.
- Faculty Development programs like Personality Development.

## Conferences & Seminars

- World Class Manufacturing Practices.
- Entrepreneurship and Management

## Personal Dossier

- Languages: English, Hindi, Telugu, Tamil and Kannada
- Hobbies: **Reading** - Positive Mental Attitude & People Skill Books, **Sports**- Cricket, Yoga& Walk-**Fitness**, Volunteering and Community Involvement.**Listening to Music** – Classic and Devotional Songs .





## BRIEF REPORT ABOUT THE PROGRAMME

**Title: Navigating Your Future: Insights on Career Path and Higher Education**

**The speaker gave insights on the following topics:**

### Introduction

- Welcome and Introduction on "Navigating Your Future: Insights on Career Path and Higher Education"
- Brief overview of the topic
- Importance of understanding career paths and higher education in shaping the future

### Section 1: Understanding Career Paths

- **Defining Career Paths:** Explanation of what a career path is and its importance in professional development.
- **Types of Career Paths:** Traditional, non-traditional, entrepreneurial, and freelancing career paths.
- **Identifying Your Interests and Strengths:** Importance of self-assessment, tools like Myers-Briggs, Holland Code, and Strengths Finder.

### Section 2: The Role of Higher Education

- **Educational Requirements:** How higher education aligns with various career paths.
- **Types of Higher Education:** Differences between vocational schools, community colleges, universities, and online education.
- **Choosing the Right Institution:** Factors to consider such as accreditation, faculty, resources, and campus culture.

### Section 3: Planning and Decision Making

- **Setting Goals:** Short-term vs. long-term goals, SMART criteria (Specific, Measurable, Achievable, Relevant, Time-bound).
- **Research and Exploration:** Gathering information through internships, job shadowing, informational interviews, and career fairs.
- **Decision-Making Models:** Rational decision-making, intuitive decision-making, and the importance of flexibility.





#### Section 4: Skills for the Future

- **Technical Skills:** Importance of keeping up with technological advancements and industry-specific skills.
- **Soft Skills:** Communication, teamwork, problem-solving, and adaptability.
- **Continuous Learning:** Lifelong learning mindset, professional development courses, certification and workshops.

#### Section 5: Challenges and Solutions

- **Common Challenges:** Financial constraints, balancing work and study, overcoming uncertainty and fear of failure.
- **Strategies for Success:** Time management, seeking mentorship, building a support network, and utilizing campus resources like career services.

#### Section 6: The Future of Work and Education

- **Trends in the Job Market:** Automation, artificial intelligence, gig economy, and remote work.
- **Future-Proof Careers:** Fields expected to grow, such as healthcare, technology, renewable energy, and data science.
- **Adapting to Change:** Importance of adaptability and resilience in a rapidly changing world.

#### Conclusion

- Recap of key points
- Encouragement to take proactive steps towards career and educational goals
- Final thoughts on the importance of aligning passion with profession



# AUDIENCE



Wayanama Education Trust ®  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Kumbalagodu, Mysuru Road, Bengaluru-560 074.  
Department of Artificial Intelligence and Data Science



Date: 28-06-2024

Academic Year: April - Sept 2024  
"Navigating Your Future: Insights on Career Paths and Higher Education"

## 6<sup>th</sup> Semester Students

Sl. No	USN	Name	Signature
1	1DB21AD001	ABHINAV S	[Signature]
2	1DB21AD002	ABHISHEK	[Signature]
3	1DB21AD003	ABHISHEK P	[Signature]
4	1DB21AD004	ADITI	[Signature]
5	1DB21AD005	AKASH	[Signature]
6	1DB21AD006	AMEENA K	[Signature]
7	1DB21AD007	ANKITH A KHARVI	[Signature]
8	1DB21AD008	ANUSHKA ANIL PATIL	[Signature]
9	1DB21AD009	BHUMIKA	[Signature]
10	1DB21AD010	CHANDAN H N	[Signature]
11	1DB21AD011	DARSHAN B H	[Signature]
12	1DB21AD012	DHANU S ANAND	[Signature]
13	1DB21AD013	DHRUVA G	[Signature]
14	1DB21AD014	DIVIJA VYSHNAVI V	[Signature]
15	1DB21AD015	GIRISH GOWDA K S	[Signature]
16	1DB21AD016	GOURAV M	[Signature]
17	1DB21AD017	GRISHMA N KOTIAN	[Signature]
18	1DB21AD018	HARDALI SANCHITH SHETTY	[Signature]
19	1DB21AD019	HARSHITHA M	[Signature]
20	1DB21AD020	INDUSHREE M	[Signature]
21	1DB21AD021	JAWALKAR CHARAN	[Signature]
22	1DB21AD022	KOUSTHUBA B S	[Signature]
23	1DB21AD023	H K LIKITH KUMAR	[Signature]
24	1DB21AD024	LIKITH VIVEK U	[Signature]
25	1DB21AD025	LOHITH G GOWDA	[Signature]
26	1DB21AD026	MEGHA S D	[Signature]
27	1DB21AD028	NAVANEETH GOWDA T	[Signature]
28	1DB21AD029	NIRANJAN N	[Signature]
29	1DB21AD030	NISARGA M	[Signature]



30	1DB21AD031	NISARGA M K	<i>Sudheep</i>
31	1DB21AD032	R SUDEEP RATHOD	<i>Sudheep</i>
32	1DB21AD033	P VARSHAA	<i>Pallavi</i>
33	1DB21AD034	PALLAVI M	<i>Pallavi</i>
34	1DB21AD035	PREETHI S	<i>Preethi S.</i>
35	1DB21AD036	PREMKUMAR M K	
36	1DB21AD037	PRIYANKA	<i>Rahul</i>
37	1DB21AD038	RAHUL BABU B U	<i>Rahul</i>
38	1DB21AD039	RAJU Y	<i>Raju</i>
39	1DB21AD040	RAKSHITH K	<i>Rakesh</i>
40	1DB21AD041	RANGAPPA THIMMAPPAGARI RAKESH	<i>Rakesh</i>
41	1DB21AD042	RANJAN C NAIK	<i>Ranjana</i>
42	1DB21AD043	REVANTH S	<i>Revant S.</i>
43	1DB21AD044	RISHAB PURBA	<i>Rishab</i>
44	1DB21AD045	SAMRUDH M	
45	1DB21AD046	SANDEEP K R	<i>Sandeep</i>
46	1DB21AD047	SHREYAS GOWDA H	<i>Shreyas H.</i>
47	1DB21AD048	SUDHEENDRA H R	<i>Sudheendra</i>
48	1DB21AD049	UDAY HARISH GOWDA	<i>Uday</i>
49	1DB21AD050	ULLAS S	<i>Ullas</i>
50	1DB21AD051	UTTAM A	<i>Uttam</i>
51	1DB21AD052	VAISHNAVI KRISHNANAND SHENVI	<i>Vaishnavi</i>
52	1DB21AD053	VANDANA CATHERINE	<i>Vandana</i>
53	1DB21AD054	VINAY G R	<i>Vinay</i>
54	1DB22AD400	CHANDANA V	<i>Chandana</i>
55	1DB22AD401	JYOTHIKA M P	<i>Jyothika</i>
56	1DB22AD402	MOHAMMED FAIZAAN	<i>Faizaan</i>
57	1DB22AD403	MUKTHA S A	<i>Muktha S. A.</i>
58	1DB22AD404	PREETHI M N	<i>Preethi</i>
59	1DB22AD405	YATHISH B	<i>Yathish</i>

*Jannan*  
 HoD  
 Dept. of Green Computing & Data Science  
 Don Bosco Institute of Technology  
 Kumbalagode, Mysore Road.  
 Bangalore-560074



# Photo Gallery







**Bengaluru, Karnataka, India**  
ICICI Bank Ltd, Wayanamac Education Trust, Don Bosco Institute Of Technology Mysore Road,  
Kumalgodu, Bengaluru, Karnataka 560074, India  
Lat 12.882652°  
Long 77.444586°  
28/06/24 10:16 AM GMT +05:30

GPS Map Camera

Google



**Bengaluru, Karnataka, India**  
Sidarth Nagar, near Campus Jallalli, Bengaluru, Karnataka 560074, India  
Lat 12.88265°  
Long 77.444351°  
28/06/24 10:17 AM GMT +05:30

GPS Map Camera

Google

# DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysore Road, Bengaluru – 560074



A Report

On

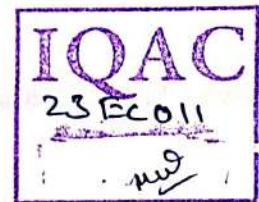
**“ENTREPRENEURSHIP and START-UPS”**

Date: 16<sup>th</sup> Nov 2023

Held at

Venue: Seminar Hall-2

Time: 10.00AM to 12.00 PM



Organized by:

**Department of Electronics and Communication Engineering  
DBIT, Bengaluru**

Coordinated by

**Mrs. Chaitra S, Asst. Professor**

**Dept. of ECE, DBIT**

**Mrs. Nandini A. S, Asst. Professor**

**Dept. of ECE, DBIT**

**AY [2023-2024]**



# CONTENTS

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Wayanamac Education Trust (R)  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Department of Electronics and Communication Engineering  
Kumbalagodu, Mysuru Road, Bengaluru-560074  
Ph: +91-80-28437028/29/30 Website: www.dbit.co.in Email: [eee@dbit.co.in](mailto:eee@dbit.co.in)



Affiliated to  
VTU  
Belagavi



Approved  
by AICTE,  
New Delhi



Indian  
Institute  
of Science  
Banglore



Accredited  
by NAAC,  
Bengaluru



Accredited  
by NBA\*,  
New Delhi



Recognized  
by Govt. of  
Karnataka



Invitation for Guest Lecture on  
“Entrepreneurship and Start-ups”

Date: 16<sup>th</sup> NOV 2023, 10.00AM

In association with



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of HRD Initiative)

by

*Resource person*

Dr. Samuel Dhinakaran

Founder and CEO of

Sam Power Inc Belmont, New York, USA,

Sampriya Energy & Communication Private Limited, Bangalore.

CHIEF PATRON

Shri. B. Bylappa

President, WET, Bengaluru.

PATRONS

Shri. P. B. Manjunath  
Executive Director, WET  
DBIT, Bengaluru.

Shri. Raghav Bylappa  
Secretary, WET,  
DBIT, Bengaluru.

Dr. Nataraj K R  
Dean & Director, R& D,  
DBIT, Bengaluru

ORGANIZING CHAIRS

Dr. A N Maheswarappa  
Head & Professor,  
Dept. of ECE  
DBIT, Bengaluru

Dr. B S Nagabushana  
Principal  
DBIT, Bengaluru

Coordinators:

Mrs. Chaitra S., Asst. Professor,  
Dept. of ECE, DBIT  
Mrs. Nandini A.S., Asst. Professor,  
Dept. of ECE, DBIT

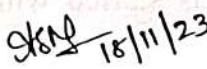
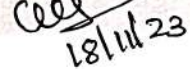
12/11/23



## Authentication Page

Report Title : "ENTREPRENEURSHIP and START-UPS"  
Organized by : Department of Electronics and Communication Engineering  
DBIT, Bengaluru  
Coordinated by : Mrs. Chaitra.S  
Mrs. Nandini. A.S  
Venue : SH-2, 10.00 AM, 16/11/23  
Resource Person : Dr.Samuel Dhinakaran  
Founder and CEO of  
Sam Power Inc Belmont New York USA,  
Sampriya Energy & Communication Private Limited Bangalore.

Academic Year : 2023-2024

Signature of the coordinator with date :  18/11/23  18/11/23

Signature of the ECE HOD with date :

Professor & H.O.D  
Dept. of Electronics & Communicatio  
DON BOSCO INSTITUTE OF TECHNOLOGY  
Kumbalagodu, BANGALORE-560 074

Signature of the Head-IQAC with date :

 18/11/2023  
Director - IQAC  
Don Bosco Institute of Technology  
Mysore Road, Kumbalagodu  
Bengaluru-560 074

Signature of the Principal with date :

  
**PRINCIPAL**  
Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074.

## Report on Guest Lecture

- The Guest Lecture was conducted for the students to give brief on **“ENTREPRENEURSHIP and START-UPS”** which motivated the students how to become an Entrepreneur and how to start their own **START-UPS**.
- The Guest Lecture was designed to enhance the knowledge of becoming **Entrepreneur**, Clear approach how to start their own **START-UPS** in India, Exact Procedure to be followed for their own **START-UPS**.
- The guest lecture was hosted Offline on 16<sup>th</sup> Nov 2023 from **10.00AM** to **12.00PM** at DBIT, with 167 fifth semester students and staff were participated.
- The guest lecture was started with a **welcome note** and introduction of the speaker.
- Guest explained his **evolution, creative thinking, projects handled** in his career and also explained how he became an **successful Entrepreneur**
- The speaker also shared his **ongoing project development** in his company with tested result.
- The speaker gave a **good motivational speech** on how to grow a **positivity** in our life which leads us to become a **successful Entrepreneur in Future**.
- At last **questions and doubts** from students were **answered and clarified** by the speaker.
- The session was concluded by **vote of thanks**.



**DHINAGARAN.T. THIRUVENGADAM  
RESUME**

**(INVENTOR SCIENTIST)**

**18 East 12<sup>th</sup> Street  
New York, NY 10003**

**Phone: 961-151-4301**

**E-Mail: dhina.charity@gmail.com**

Dr Samuel Dhinakaran has master's degrees in various specializations in engineering and doctorate in engineering, and is a former research scholar. And also developed the world breakthrough technologies and laboratories, and the emeritus founder of 5 world highest and high end state of art of inventions, innovations, and discoveries, and emeritus founder of world high end technology in power generation, telecommunication, decarburization catalytic devices for internal combustion engine and cancer medicine and its respective companies across globally. Samuel Dhinakaran Thiruvengadam currently serves as the founder and CEO of the sam power incorporation a private limited company in USA and SAMPRIYA ENERGY & COMMUNICATION PRIVATE LIMIED.

**CHIEF ENGINEER & DIRECTOR R&D, CTO, Founder, Board Member Designer and author of close body cardiology medical patient parameter sensing medical device and total system for extraction of patient data and to include full 12-lead EKG. Retired and serving without monetary reward as Member of the Board and CTO.**

- 1) Physician's Hand - 12 lead EKG, BLO2, P, BP medical patient data exam glove
- 2) CPR Glove - Heart activity indicating glove
- 3) 12-Lead EKG glove - All 12 leads on a single exam glove, single lead to reader
- 4) Medical Sports Glove - 5 lead EKG, BLO2, P, BP for home use
- 5) Gel-less EKG Electrode - Instant skin connectivity, hair removal not required

> **Regulatory analyst with particular attention to the following:**

- AAMI series 10993 Eval & Testing
- AAMI series 13485-8 ISO 9001/2
- AAMI series 60601 Electromagnetic Compatibility
- AAMI series EC11-72 Electro cardiology devices
- FCC (USA) Parts 2, 15, 18, 22, 24, 25, 90, 95 and Licensing in USA.
- RA (UK) RA Documents, Licensing and Practices in UK.
- OET Parts 56, 63, 65abc, 72, Radiation Hazard Compliance.
- FDA medical component compliance for 510K and 501K.
- 

**US PATENT ANALYST – Medical and Non-Medical Patent and Copyright consultant.**

2015-2017 Designer Child Location System - Private Consultant to Industry, CA.

> **System Designer of wrist attached transmitter and associated receiver and assure maximum power EIRP while full EMC and RadHaz compliance with oet65, FCC and etc.**



2015-2020 Designer Satellite-Laser MRI wide signal Transmission

- > Provide transponder allocations, domestic and international link-budget calculations for narrow to very-wide-band satellite system and write, calculate and apply for FCC and RA transmit licenses.
- > Assign parameters for sub-system design from data to RF/ Laser.
- > Compliance Rad/Haz SAR Full body testing - 1 - 15 GHz, close body.
- > Assure full RadHaz compliance with oet65 of 14 GHz EIRP transmitting antennas and assure  
FCC (USA) and RA (UK) of such as FCC and RA certifying engineer.

2019-2021 Designer Brief Case Size Telemedical Device Hughes, CA

- > Design LAPSAT, a brief case size medical telemetry satellite system.
- > Designer of MICROSAT, handheld oet compliance medical telemetry wireless.

2010-2015 Designer DirecDuo - Hughes Electronics, CA

- > Solo inventor of DirecDuo satellite feed system for two satellite access using a single feed and a 0.5 meter antenna with EMC compliance for Medical and commercial use.

2015-2021 Author of: Satellite Fieldbook Quarterly - Hughes S&C, CA

- > Contents: All parameters of every C/Ku band geo-satellite in the world, 400pgs.

2016-2020 Designer of Unique Antenna Systems, Hughes, CA

- > Full EMC/RFI antenna compliance - Hughes Space & Comm
- > DirecTV Large Aperture feed design - Hughes Space & Comm in Hawaii
- > Flat Plate Antenna stealth design - Lapsat - Hughes Space & Comm
- > Satellite Earth Station design - Hughes Space & Comm

2012-2017 Designer Grounding Systems - Milsat 461/2

- > Components Grounding EMC system design and certification - Hughes Space & Comm
- > Near/Far Field Antenna Analysis - Hughes Space & Comm
- > Hughes Malibu Research Laboratory Facility Ground system Design Ground Conductivity
- > LW to HF Bands antenna system design / certification - Hughes S&C

2020-2022 Instructor: Satellite Earth Station Technology - CSULB, CA

and Author of: Satellite Earth Station Workbook - CSULB

2021-2022 Author Grounding Systems and other Hazard Avoidance Methods

2017-2019 Design Consultant - Hughes Electronics, CA

- > Hacnet TV, Satellite broadcast network designer - Hughes Space & Comm
- > Hughes Broadband cable network designer - Hughes Space & Comm

Dr Samuel Dhinakaran served two defense sectors as a leading technologist and played a crucial role in the sector of hydraulic and pneumatic power line, for earth moving equipments.

Dr Samuel Dhinakaran is a leading inventor in Mpeg-5, high end unique pivotal streaming architecture, software capability delivery platform on multi stream



Dr Samuel Dhinakaran is the CHIEF ENGINEER & DIRECTOR for R&D, and CTO, Founder, SAMPRIYA ENERGY AND COMMUNICATION PVT LTD, and for Intel Dr Samuel Dhinakaran is the co author and the inventor and Designer of Satellite-Laser MRI wide signal Transmission

- Provide transponder allocations, domestic and international link-budget calculations for narrow to very-wide-band satellite system and write, calculate and apply for FCC and RA transmit licenses.
- Assign parameters for sub-system design from data to RF/ Laser.
- Compliance Rad / Haz SAR Full body testing - 1 - 15 GHz, close body.
- Assure full Rad-Haz compliance with oet65 of 14 GHz EIRP transmitting antennas and assure FCC (USA) and RA (UK) of such as FCC and RA certifying engineer

THE FOLLOW-U.S. PATENTS REFERENCED ARE (order from most recent):

USA APPROVED PATENT FOR SELF-CONFIGURING, ADAPTIVE, THREE-DIMENSIONAL, WIRELESS NETWORK, Stephen G. Perlman, OnLive Inc. Palo Alto, Calif., February 14, 2012.

USA APPROVED PATENT FOR PORTABLE ANTENNA POSITIONER APPARATUS AND METHOD, Spencer Webb, David Martin, GBS Positioner, LLC; and AntennaSys, Inc., both New Hampshire, November 29, 2011.

USA APPROVED PATENT FOR SYSTEM AND METHOD FOR PRESENTING CONTENT ON A WIRELESS MOBILE COMPUTING DEVICE USING A BUFFER, Marc Arseneau, Alain Charette, Jean Arseneau, Kangaroo Media, Canada, November 1, 2011.

USA APPROVED PATENT xxxxxxxx SYSTEM AND METHODS FOR ENHANCING THE EXPERIENCE OF SPECTATORS ATTENDING A LIVE SPORTING EVENT, WITH CONTEXTUAL INFORMATION DISTRIBUTION CAPABILITY, Marc Arseneau, Alain Charette, Jean Arseneau, Kangaroo Media, Canada, October 18, 2011.

USA APPROVED PATENT FOR , BUFFERING CONTENT ON A HANDHELD ELECTRONIC DEVICE, Genevieve Thomas, Felix Lambert, StephaneFortier, Guillaume Lazure, Robert Tardif, Jean Arseneau, Alain Charette, Gerald Lermir, Kangaroo Media, Canada, November 1, 2011.

USA APPROVED PATENT FOR COMMUNICATIONS SIGNAL TRANSCODER, Alan Y. Kwentus, Charles Alan Brooks, Stephen T. Jaffe, Stephen Edward KraTh, September 6, 2011.

USA APPROVED PATENT FOR, SYSTEM AND METHOD FOR CONTROLLING INTERMODULATION INTERFERENCE, E.F. Charles LaBerge, HONEYWELL International, July 19, 2011.

USA APPROVED PATENT FOR, Ka/Ku OUTDOOR UNIT CONFIGURATION USING A FREQUENCY SELECTIVE SURFACE, Joseph Santoru, DirecTV Group, July 19, 2011.

USA APPROVED PATENT FOR, MULTI-VIDEO RECEIVING METHOD AND APPARATUS, Marc Arseneau, Quebec, Canada June 21, 2011.

USA APPROVED PATENT FOR, PORTABLE ANTENNA POSITIONER APPARATUS AND METHOD, Spencer Webb, David Martin, New Hampshire, February 15, 2011.

USA APPROVED PATENT FOR, METHOD AND APPARATUS FOR RECEIVING DUAL BAND SIGNALS FROM AN ORBITAL LOCATION USING AN INDOOR UNIT WITH A SUBREFLECTOR AND ADDITIONAL ANTENNA FEED, Gustave Stroes, Patrick J. Loner, DirecTV Group, December 28, 2010.

USA APPROVED PATENT FOR, APPARATUS AND METHOD FOR WIRELESS VIDEO GAMING, Stephen G. Perlman, Palo Alto, Calif., December 7, 2010.

USA APPROVED PATENT FOR, SATELLITE RECEIVING SYSTEM WITH TRANSMODULATING OUTDOOR UNIT, Louis F. Coffin, MICROSOFT Corporation, Redmond, Washington, August 24, 2010.

USA APPROVED PATENT FOR, CROSS-POLAR COMPENSATING FEED HORN AND METHOD OF MANUFACTURE, Neil McGonigle, Craig Mitchelson, David Geen, Graham Agnew, United kingdom, July 13, 2010.

USA APPROVED PATENT FOR, COMMUNICATIONS SIGNAL TRANSCODER, Alan Y. Kwentus, Charles Alan Brooks, Stephen T. Jaffe, Stephen Edward KraTh, BROADCOM Corp, Irvine, Ca., July 6, 2010.

USA APPROVED PATENT FOR, METHOD OF OPERATION FOR A THREE-DIMENSIONAL, WIRELESS NETWORK, Stephen G. Perlman, OnLive Inc., Palo Alto, Calif., May 11, 2010.

USA APPROVED PATENT FOR, WIRELESS NETWORK PROVIDING DISTRIBUTED VIDEO / DATA SERVICES, Stephen G. Perlman, OnLive Inc., Palo Alto, Calif., March 23, 2010

USA APPROVED PATENT FOR, SYSTEM AND METHODS FOR ENHANCING THE EXPERIENCE OF SPECTATORS ATTENDING A LIVE SPORTING EVENT, WITH GAMING CAPABILITY, Marc Arseneau, Alain Charette, Michel Poisson, Quebec, Canada, February 2, 2010.

USA APPROVED PATENT FOR, SELF-CONFIGURING, ADAPTIVE, THREE-DIMENSIONAL, WIRELESS NETWORK, Stephen G. Perlman, OnLive Inc., Palo Alto, Calif., September 15, 2009.



USA APPROVED PATENT FOR, SINGLE TRANSCEIVER ARCHITECTURE FOR A WIRELESS NETWORK, Stephen G. Perlman, OnLive Inc., Palo Alto, Calif., July 28, 2009.

USA APPROVED PATENT FOR, MASS STORAGE REPOSITORY FOR A WIRELESS NETWORK, Stephen G. Perlman, OnLive Inc., Palo Alto, Calif., July 7, 2009.

USA APPROVED PATENT FOR, SATELLITE GROUND STATION TO RECEIVE WITH DIFFERENT POLARIZATION MODES, Steve Waltman, Mark Peting, MEDIAUR Technologies, Santa Monica, Calif., April 28, 2009.

USA APPROVED PATENT FOR, SATELLITE GROUND STATION ANTENNA WITH A WIDE FIELD OF VIEW AND NULLING PATTERN USING SURFACE WAVEGUIDE ANTENNAS, Steve Waltman, MEDIAUR Technologies, Santa Monica, Calif., April 21, 2009.

USA APPROVED PATENT FOR, SATELLITE GROUND STATION ANTENNA WITH A WIDE FIELD OF VIEW AND NULLING PATTERN, Steve Waltman, MEDIAUR Technologies, Santa Monica, Calif., March 31, 2009.

USA APPROVED PATENT FOR, ANTENNA ASSEMBLY FOR SATELLITE AND WIRELESS SERVICES, Stephen G. Perlman, OnLive Inc., Palo Alto, Calif., February 17, 2009.

Dr Samuel Dhinakaran Thiruvengadam is the founder of the predictive algorithm, a set of software program which will identify the event of mayo cardio infraction 28 days in advance (expecting noble prize) approved in usa and CE cleared having 8 international patents, all Patents are approved by the FDA (food drug administration) of USA, and CE (central Europe) cleared and approved

Dr Samuel Dhinakaran Thiruvengadam is a co founder of photo filter transformer which is the only highest technology available in the world for the agricultural sector, yet to come into market, with this technology any one can cultivate any crop in any topography and in any terrain in an closed system and in an open system having an registered international patent of 7

This technology also increases the present productivity into 15 fold with three thousands percent nutrition certified by the W.H.O (world health organization) value guaranteed with 100 percent traditional flavors assured and FDA approved in USA and CE cleared (Expected noble prize)

Dr Sam Dhinakaran is pivotal and instrumental and iconic in inventing the ECG/EKG disposable glove which is a medical device developed to identify the event of heart attack 28 days in advance; this event can be updated in any devices and in any peripheral devices. And also this research is paved the way for ECG/EKG any time, any body and in any devices like, computers, laptops, iPods, ipads, tabs, cell phones, smart phones, and in any peripheral devices, which is a paradigm shift in ECG/EKG markets and this is also



world first of its kind and first in its class and start of art medical device innovations, with 450 percent degree of world highest accurate ECG/EKG glove, which is highest and unique and pivotal and paradigm shift in the ECG/EKG market in the world. With 11 USA patents and also approved by the FDA and CE (central Europe)

Dr Samuel Dhinakaran having vast experiences in Designer Brief Case Size Tele medical Device Design LAPSAT, a brief case size medical telemetry satellite system. Designer of MICROSAT, handheld oet compliance medical telemetry wireless, all parameters of every C/Ku band geo-satellite in the world

Dr Sam Dhinakaran and his mentor and associated partner have been inventor or co-inventor of, the following who have generated the highest degree of interest among an outstanding list of Corporations worldwide. Before these two patented inventions were made public, the accessibility to satellite communication with flexibility and using miniature components was virtually unknown.

Dr Sam Dhinakaran's vision and leadership have been the driving force behind the growth and success of Ensequence. Since co-founding the company in 2010, he has led the organization and its strategic direction. Dr Sam Dhinakaran inspired the development on-Q® software, the world's first truly cross-platform technology for interactive television. "Ensequence technology is revolutionizing the television experience as we know it," said Harrison. "Our success is due in no small part to every Ensequence employee knowing and sharing the company's vision and strategy." Prior to founding Ensequence, Harrison held a wide range of key positions during his tenure with Intel Corporation. He holds a master's in international management and finance, a bachelor's in math and economics and a bachelor's in computer science. As head of worldwide market development for Intel's Home Products Group, Harrison oversaw digital television marketing strategy and sales teams. He was the impetus behind the formation of Intel's Content Group and secured more than 50 content and technology contracts for Intel's Broadcast Products Group. Dr Sam Dhinakaran played a key role in the launch of Intel's InterCast® Technology, the first interactive television software that was broadly available for the PC, which was supported by 12 national cable and broadcast networks, including NBC, CNN, MTV and QVC. In 1998, Dr Sam Dhinakaran oversaw the formation of the Advanced Television Enhancement Forum (ATVEF), an alliance of leading companies dedicated to advancing interactivity, including Microsoft, DIRECTV, The Walt Disney Company, Warner Brothers, CNN Interactive and Tribune..

Dr Samuel Dhinakaran is the co inventor of world highest designer and author of close body cardiology medical patient parameter sensing ECG/EKG mountable Medical device and total system for extraction of patient data and to include full 12-lead EKG. Retired and serving without monetary reward as Member of the Board and CTO.

#### Bionica Technologies, SA

Partner with Bionica Technologies of London to promote the sale of US information technology, wireless communications and advanced electronic systems to Government of



Nigeria

Alzka, Inc.

Consultant to the President and Founder of a manufacturer of filter less fuel purification and catalytic systems for gasoline and diesel engines, particularly those susceptible to condensation in marine environments

Global New Energy Corporation

Project scientist of a US subsidiary of a clean coal technology Chinese/Canadian company based in Vancouver, Canada, that has a license to sell a patented Chinese technology developed by the China Academy of Sciences that reduces pollutants associated with coal-fired power plant emissions.

Sedna International Group, LLC

Managing Director of a company which partnered with Obi Zulol Corp., a producer of bottled water and soft drinks in the country of Tajikistan, to supply bottled water to US and NATO forces in Afghanistan and elsewhere in the CENTCOM Region.

**SUMMARY**

- Proven high integrity leader with outstanding sales management, partnering, marketing, business development and organization building achievements
- Consistently drive results by combining leadership and inborn entrepreneurial instincts
- Extensive international business development accomplishments including the establishment of major cross cultural revenue producing alliances
- Entrepreneurial leader with successes spanning start ups to Fortune 100 market leaders
- Led dramatic revenue performance increases within multiple industry verticals
- Successfully led the transformation of sales organizations to a high performance model
  
- Proven high integrity leader with outstanding sales management, partnering, marketing, business development and organization building achievements
- Consistently drive results by combining leadership and inborn entrepreneurial instincts
- Extensive international business development accomplishments including the establishment of major cross cultural revenue producing alliances
- Entrepreneurial leader with successes spanning start ups to Fortune 10 market leaders

*Drives penetration, growth and innovation for SaaS based compliant email archiving business. Create overall business strategies, vision and direction in leading business concept to visionary leader.*

- Manage day to day operations of development stage business including partner development and global expansion of the business.
- Develop business plan and staffing requirements aligned with the overall business strategy
- Conceived of e-Governance Center of Excellence program in cooperation with the City of Tampa, University of South Florida, County of Hillsborough

### **SELECTED ACCOMPLISHMENTS**

- As Senior Executive/Partner at versatech inc led the Strategic Planning, development, and execution of functional and technology transformation solutions, defining future states for the cloud-connected enterprise; identifying rationalization and virtualization targets for both applications and infrastructure; delivered market impacting improvement and innovation
- Led teams with deep business experience to provide clients outsourcing solutions covering the full life cycle process from design through implementation and management; delivered cost optimization and operational efficiency targets

Dr Samuel Dhinakaran Thiruvengadam is also a founder of world breaking energy Technology called Sam power (concealed)

Which is the only clean energy and green energy to address global climate change and green house gases menace, (noble prize recommended for physics under fundamental particles research and in Ethernet or AETHER) Aethers were invented for the planets to swim in, to constitute electric atmospheres and magnetic effluvia, to convey sensations from one part of our bodies to another, and so on, until all space had been filled three or four times over with Aethers. The only aether which has survived is that which was invented by Huygens to explain the propagation of lights

Dr Samuel Dhinakaran Thiruvengadam research is based on electromagnetic radiation and Aethers or Ethernet particles and by successfully completed his discoveries hidden secrets for a billions of years and understood the magnetic principles of the van Allen belts and developed sam power tuners technologies, this sam power tuners tunes the high frequency particles and converts into an clean and green energy for everlastings. Thus Dr Sam have achieved sir Nicolas tesla hypothesis

Ere many generations pass, our machinery will be driven by Power obtainable at any point in the Universe...



Throughout space, there is energy...it is a mere question of time when men will succeed in attaching their machinery to the very wheelwork of nature. Nicolas tesla was achieved into pragmatic practicals and factual succeeding the method of harnessing universal sun's abundant free energy in the universe to drive every machinery and every wheelwork of nature. By Sam Power Technologies in 2015

For many years Dr Sam Dhinakaran have been experimenting with many new materials that support fluxing wave propagation in ways that are not observed in nature. Other research teams around the world are doing similar experiments that also backup this theory. I have been able to create materials that support this type of effect for light and electromagnetic waves

back in 1968 a Russian theorist; V.G. Veselago had predicted that new materials could be engineered to interact with our environment, which is just the opposite of how natural materials react. In 2000, researchers at the University of California-San Diego (UCSD) confirmed this, creating what's known as the first "left-handed" material. A special team at UCSD created material that caused fields to move to the left even though the electromagnetic energy moved to the right. The light waves produced in this material also produced an inverted Doppler effect. Researchers at MIT and the University of Delaware, is also exploring left-handed media.

Much of my research over the past 17 years Dr Sam Dhinakaran has proved that these new kinds of materials can cause different effects when it comes to magnetic fields. I'm already using left-handed material in my (Electromagnetic Radiation Receiver) experiments. I've proven this theory with my Electromagnetic radiation receiver called SAM PRIYA SOLAR TUNER AND SUCESSFULLY COMPLETED A PROTOTYPE. This is Prepping for power plant installation.

### **Dr Sam Dhinakaran Ensequence**

1. Dr Sam Dhinakaran's vision and leadership have been the driving force behind the growth and success of Ensequence. Since co-founding the company in 2000, he has led the organization and its strategic direction. Dr Sam Dhinakaran inspired the development on-Q® software, the world's first truly cross-platform technology for interactive television. "Ensequence technology is revolutionizing the television experience as we know it," said Dr Sam Dhinakaran. "Our success is due in no small part to every Ensequence employee knowing and sharing the company's vision and strategy." Prior to founding Ensequence, Dr Sam Dhinakaran oversaw digital television marketing strategy and sales teams. He was the impetus behind the formation of Intel's Content Group and secured more than 50 content and technology contracts for Intel's Broadcast Products Group. Dr Sam Dhinakaran played a key role in the launch of Intel's Intercast® Technology, the first interactive television software that was broadly available for the PC, which was supported by 12 national cable and broadcast networks, including NBC, CNN, MTV and QVC. In 1998, Dr Sam Dhinakaran oversaw the formation of the Advanced Television

Enhancement Forum (ATVEF), an alliance of leading companies dedicated to advancing interactivity, including Microsoft, DIRECTV, The Walt Disney Company, Warner Brothers, CNN Interactive and Tribune.

### Personnel

SAM POWER INC USA with a staff of 29 along with 186 (NASA individuals who are ready to join) the SAM POWER INC team

Dr Sam Dhinakaran - President - Dr Sam Dhinakaran has been involved in the energy field for 20 years. His extensive research and study of the energy industry led him to start The Energy Group, a successful multi-million dollar company that provides unique and effective energy management and on-site power generation solutions for commercial and industrial customers in the U.S. and Canada. Dr Sam Dhinakaran has developed numerous contacts among new energy leaders and developers and has been responsible for the negotiation of several licenses and subsequent development of clean green energy technologies. Dr Sam Dhinakaran is the driving force behind SAM POWER INC

### OTHER EXPERIENCE

**Certified Trainer:**

**Program CO-Director:**

2015-2017

Negotiating To Win; Spin Selling  
AT&T Minority Achievement Awards,

**AT&T PROJECT SCIENTIST:**

2017-2019

University of Massachusetts

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Date: 16-11-23

**Guest Lecture**

Attendance Report.

SEM:

Si.No	USN No	Student Name	Signature
1	IDB21EC006	Akshata Hiremath	Akshata
2	IDB21EC010	Anvitha . K.P	Anvitha . K.P.
3	IDB21EC037	Deeksha . V	Deeksha . V.
4	IDB21EC044	Gayathri . P	Gayathri . P.
5	IDB21EC053	Harshini . R.	Harshini . R.
6	IDB21EC126	Reshma . H.S	Reshma.
7	IDB21EC099	Pooja . A	Pooja . A
8	IDB21EC143	Shravya . K	Shravya . K
9	IDB21EC151	Sinchana . V	Sinchana . V
10	IDB21EC149	Sibi . C.H	Sibi . C.H
11	IDB21EC029	Chandana . KN	Chandana . KN
12	IDB21EC030	Chandana . R	Chandana . R
13	IDB21EC013	Aushiya H D	Aushiya
14	IDB21EC083	Madhuri . A	Madhuri . A
15	IDB21EC088	Manisha . S	Manisha . S
16	IDB21EC077	Likitha . T. S	Likitha . T. S
17	IDB21EC086	Mallika . M	Mallika . M
18	IDB21EC124	Rakshitha SA	Rakshitha SA
19	IDB21EC127	Ruchitha B.S	Ruchitha B.S
20	IDB21EC135	Sanjana Jasper P.S	Sanjana
21	IDB21EC118	Shylia . R	Shylia . R
22	IDB21EC175	Yashaswini . R	Yashaswini . R.
23	IDB21EC140	Shama S.P.	Shama
24	IDB21EC154	Spandana . R	Spandana . R
25	IDB21EC120	Raheesha . S	Raheesha . S
26	IDB21EC123	Rakshitha	Rakshitha
27	IDB21EC110	Preethi . P	Preethi . P
28	IDB21EC125	Rajan Ranjani . R.	Ranjani



29	1DB21EC115	Paiyanka. G.R.	Paiyanka gr
30	1DB21EC114	Priya. S.	<del>Priya</del>
31	1DB21EC057	Hemavathi. N	Hema. N
32	1DB21EC072	Kavya. V	<del>Kavya</del>
33	1DB21EC073	Keerthi. M	<del>Keerthi M</del>
34	1DB21EC097	P. Deepika Christina	P. Deepika
35	1DB21EC147	Shruthi. H.S	Shruthi H.S
36	1DB21EC148	shubhangi Reddy	shubhangi
37	1DB21EC144	Shreya. GK	<del>Shreya</del>
38	1DB21EC095	Nethavathi. R	Netha
39	1DB21EC027	Chaitra. R	Chaitra. R
40	1DB21EC038	Deepali. B	Deepali
41	1DB21EC076	Laxmiyani.	<del>Laxmi</del>
42	1DB21EC105	Prakruthi. G.S.	Prakruthi. G.S
43	1DB21EC106	Prakruthi. R. N	Prakruthi. R.N
44	1DB21EC108	Prathiba. M	Prathiba M
45	1DB21EC130	Lakshmi. N	Lakshmi N
46	1DB21EC107	Prarthana. B	<del>Prarthana</del>
47	1DB21EC042	Gaanachree. M.G	Gane
48	1DB21EC139	Shalini. D. N	Shalini
49	1DB21EC164	Vidyaashree. B.S	Vidya
50	1DB21EC100	Poojashree. M.	Pooja
51	1DB21EC093	Nandini. C.N	Nandini
52	1DB21EC150	Preetha. B.S	Preetha
53	1DB21EC163	Tejaswini. B.R	Tejaswini
54	1DB21EC405	Bindushree K.N	Bindushree
55	1DB21EC425	Srinidhi. C	Srinidhi. C
56	1DB21EC047	GOWTHAM. N	<del>Gowtham</del>
57	1DB21EC026	CHAITANYA. C	<del>Chaitanya</del>
58	1DB21EC048	H. SRIPADARAJAN	<del>H. Sri</del>
59.	1DB21EC079	LITKETHA. R.	<del>Litketha</del>
60.	1DB21EC050	HANEEESH KUMAR. D	Haneesh K
61.	1DB21EC066	K.S. SHREYAS	K. Shreya
62.	1DB21EC004	Abhishek. S	<del>Abhishek</del>
63	1DB21EC049	Sanjay. H.V	<del>Sanjay</del>
64.	1DB21EC054	Haasnith. G. C	Haasnith. G.C
65			



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Date: 16-11-23

**Guest Lecture**

**Attendance Report.**

SEM:

Si.No	USN No	Student Name	Signature
01	IDB21EC062	JEEVAN.K	
02	IDB21EC014	B.S.Pavan	
03	IDB21EC036	Dalshan. B.N	
04	IDB22EC418	Manoj. K	
05	IDB21EC034	Charangowda M S	
06	IDB21EC043	Ganesh KN	
07	IDB21EC040	Dhresh M Y	
08	IDB21EC081	MADHU. S.G.	
09	IDB21EC091	Manoj. K.R.	
10	IDB21EC092	MOHAMMED KAIF	
11	IDB22EC410	Keathis.B	
12	IDB22EC429	Vishwas. M	
13	IDB21EC117	Poornima L. Gowda	
14	IDB21EC158	Sudhakar B N	
15	IDB21EC177	Yeshwanth. G	
16	IDB21EC162	Tejas. K	
17	IDB21EC159	Sujay R	
18	IDB21EC155	Srinivas V	
19	IDB21EC156	Srinivas gowda. T	
20	IDB21EC170	Vikram	
21	IDB21EC172	Vishnu Vardhan	
22	IDB21EC002	Abhishek Jadhav	
23	IDB21EC071	Kaushik. K	
24	IDB21EC138	Santhosh DK	
25	IDB21EC137	Sanjay K K	
26	IDB21EC176	Yashwantha S Gowda	
27	IDB21EC122	Rajesh Kumar. S	
28	IDB21EC121	Rahul. Gendamaru. M	



29.	IDB21EC145	Shreyas. V	Shreyas
30	IDB21EC078	LEKHA Gowda K.S	<del>LEKHA</del>
31	IDB21EC055	Hemant Kumar. B.A	Hemant B.A.
32	IDB21EC069	Karthik Gauda H.S.	<del>Karthik</del>
33.	IDB21EC003	Abhishek M.D	AP M.D.
34	IDB21EC007	AKSHAY. S	<del>AKSHAY</del>
35	IDB21EC051	Hareha N.A	Hareha
36	IDB21EC165	Vatan. R	<del>Vatan</del>
37	IDB21EC001	Abhishek B.R	<del>Abhishek</del>
38	IDB21EC112	Prem. M. Angodi	Pras.
39	IDB22EC423	shivraj siddharaj choudhari	SS choudhari
40	IDB21EC164	Vandith. V.C	Vandith K
41	IDB21EC000	ISHAVISHATH. K.S	ISHAVISHATH
42	IDB21EC028	Chandan V. U	<del>Chandan</del>
43	IDB21EC005	Aftab. A Maniyar	<del>Aftab</del>
44	IDB21CV011	MAYUR. C	Mayur
45	IDB21EC033	Chandrashekar	<del>Chandrashekar</del>
46	IDB21EC096	Pravin Niranjan GM	Pravin Niranjan GM
47.	IDB22EC403	Arbaz Khan	Arbaz
48	IDB21EC017	BHARATH KUMAR J.G.	<del>BHARATH</del>
49	IDB22EC415	Madhusudhana	Madhusudhana
50	IDB21EC158	Suhar B.N	Suhar B.N
51.	IDB21EC067	Kadiresh. P	Kadiresh
52	IDB21EC141	Shankar Kumar. S	<del>Shankar Kumar</del>
53.	IDB21EC157	Srinivasan. S	Srinivasan. S
54.	IDB22EC406	Dilip Kumar. R	Dilip R.
55	IDB22EC024	Biradar Vishal	Vishal
56	IDB21EC103	Prabhakar. R.G.	<del>Prabhakar</del>
57	IDB21EC104	Prabhalad B. Kulkarni	Prabhalad B. Kulkarni
58	IDB21EC070	Karthik. R	<del>Karthik</del>
59	IDB21EC061	JAYANTH. R	Jayanth R.
60	IDB21EC035	Charan. J. Yadav	<del>Charan</del>
61	IDB22EC427	Vinayaka. B. Patil	<del>Vinayaka</del>
62	IDB21EC011	Anavind. M.N	<del>Anavind</del>
63	IDB22EC402	Anusha. N	Anusha. N
64	IDB21EC152	Sindhu. M.K	<del>Sindhu</del>
65	IDB21EC153	Sindhu. N.G	<del>Sindhu</del>
66	IDB21EC160	Surabhi. V.S	<del>Surabhi</del>



67	1DB21EC146	Shruthi Gowda	Shruthi
68	1DB22EC421	Sandesh Gowda	<del>Sandesh</del>
69	1DB22EC422	Basrajith Suman	<del>Basrajith</del>
70	1DB22EC412	Kishore S.	<del>Kishore</del>
71	1DB22EC411	Keerthi K.M.	<del>Keerthi</del>
72	1DB22EC430	Chaitanya V	<del>Chaitanya</del>
73	1DB22EC401	Anjali. N	<del>Anjali</del>
74	1DB21EC173	Vivek	<del>Vivek</del>
75	1DB22EC409	Jitesh G	<del>Jitesh</del>
76	1DB21EC174	Y. Revathi.	<del>Revathi</del>
77	1DB22EC432	Yashaswini K.P	<del>Yashaswini</del>
78	1DB21EC007	Ankitha. V.N	<del>Ankitha</del>
79	1DB21EC016	Bhanupriya.T.M	<del>Bhanupriya</del>
80	1DB21EC015	Bhandhari. E.V.	<del>Bhandhari</del>
81	1DB21EC058	Impoma P.	<del>Impoma</del>
82	1DB21EC021	Bhumnika. B.R	<del>Bhumnika</del>
83	1DB21EC018	Shavana.C	<del>Shavana</del>
84	1DB21EC023	Binduharee. S	<del>Binduharee</del>
85	1DB21EC081	Chandana. S	<del>Chandana</del>
86	1DB21EC008	Ankitha Shashi	<del>Ankitha</del>
87	1DB21EC052	Harshini. R	<del>Harshini</del>
88	1DB21EC022	Bhumnika. N	<del>Bhumnika</del>
89	1DB21EC060	J.P. Akeshwari.	<del>Akeshwari</del>
90	1DB21EC059	Impushree. Y. N	<del>Impushree</del>
91	1DB21EC041	Divya. S	<del>Divya</del>
92	1DB22EC414	Lavanya. S	<del>Lavanya</del>
93	1DB22EC413	KUSUMA. m	<del>Kusuma</del>
94	1DB22EC424	Spoothi. K	<del>Spoothi</del>
95	1DB22EC400	Abhishek S.M	<del>Abhishek</del>
96	1DB22EC416	MAHESH. N	<del>MAHESH</del>
97	1DB22EC426	SUNIL KUMAR T.R	<del>Sunil</del>
98	1DB22EC417	Manjunath. S. Hiremath	<del>Manjunath</del>
99	1DB21EC084	Mahammad Ibrahim	<del>Mahammad</del>
100	1DB22EC431	Vanshij. S.V	<del>Vanshij</del>
101	1DB21EC056	Hemant Kumar. J	<del>Hemant</del>
102	1DB21EC068	Kalyan Kumar. KL	<del>Kalyan</del>
103	1DB22EC419	Marthula Bhasath	<del>Marthula</del>



SEM:

Date:16-11-23

1. HOW USEFUL DO YO THINK THIS EVENT WAS FOR YOU?

1 Excellent	2- Very Good	3-Good	4-Average	5-Poor
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2. SPEAKERS KNOWLEDGE ON THIS TOPIC.

1 Excellent	2- Very Good	3-Good	4-Average	5-Poor
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3. HOW INTERACTIVE WAS THE SESSION.

1 Excellent	2- Very Good	3-Good	4-Average	5-Poor
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4. THE PRESENTER PROVIDEDF GOOG TIME FOR QUESTIONS & ANSWERED ALL EFFECTIVELY?

1 Excellent	2- Very Good	3-Good	4-Average	5-Poor
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5. BENEFIT OF LECTURE

1 Excellent	2- Very Good	3-Good	4-Average	5-Poor
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REMARKS: Thank you for the informative session. We expect your knowledgable session again.





SEM: 4V

Date: 16-11-23

1. HOW USEFUL DO YOU THINK THIS EVENT WAS FOR YOU?

<input checked="" type="checkbox"/> 1 Excellent	<input type="checkbox"/> 2- Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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2. SPEAKERS KNOWLEDGE ON THIS TOPIC.

<input checked="" type="checkbox"/> 1 Excellent	<input type="checkbox"/> 2- Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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3. HOW INTERACTIVE WAS THE SESSION.

<input checked="" type="checkbox"/> 1 Excellent	<input type="checkbox"/> 2- Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
---	---------------------------------------	---------------------------------	------------------------------------	---------------------------------

4. THE PRESENTER PROVIDED TIME FOR QUESTIONS & ANSWERED ALL EFFECTIVELY?

<input checked="" type="checkbox"/> 1 Excellent	<input type="checkbox"/> 2- Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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5. BENEFIT OF LECTURE

<input checked="" type="checkbox"/> 1 Excellent	<input type="checkbox"/> 2- Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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REMARKS: The session was useful. The speaker was inspiring & provided lot of knowledge regarding entrepreneurship.

SEM: 5<sup>th</sup>

Date: 16-11-23

## 1. HOW USEFUL DO YOU THINK THIS EVENT WAS FOR YOU?

<input checked="" type="checkbox"/> 1-Excellent	<input type="checkbox"/> 2-Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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## 2. SPEAKERS KNOWLEDGE ON THIS TOPIC.

<input checked="" type="checkbox"/> 1-Excellent	<input type="checkbox"/> 2-Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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## 3. HOW INTERACTIVE WAS THE SESSION.

<input checked="" type="checkbox"/> 1-Excellent	<input type="checkbox"/> 2-Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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## 4. THE PRESENTER PROVIDED TIME FOR QUESTIONS &amp; ANSWERED ALL EFFECTIVELY?

<input checked="" type="checkbox"/> 1-Excellent	<input type="checkbox"/> 2-Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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## 5. BENEFIT OF LECTURE

<input checked="" type="checkbox"/> 1-Excellent	<input type="checkbox"/> 2-Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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REMARKS: Session was excellent and more practical and real it was use full to us. and we are expecting once the session once again.





SEM: 5<sup>th</sup>

Date:16-11-23

1. HOW USEFUL DO YOU THINK THIS EVENT WAS FOR YOU?

1 Excellent ✓	2- Very Good	3-Good	4-Average	5-Poor
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2. SPEAKERS KNOWLEDGE ON THIS TOPIC.

1 Excellent ✓	2- Very Good	3-Good	4-Average	5-Poor
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3. HOW INTERACTIVE WAS THE SESSION.

1 Excellent ✓	2- Very Good	3-Good	4-Average	5-Poor
---------------	--------------	--------	-----------	--------

4. THE PRESENTER PROVIDED TIME FOR QUESTIONS & ANSWERED ALL EFFECTIVELY?

1 Excellent ✓	2- Very Good	3-Good	4-Average	5-Poor
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5. BENEFIT OF LECTURE

1 Excellent ✓	2- Very Good	3-Good	4-Average	5-Poor
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REMARKS: Session is very use full and speakers are more excellent and we want more Guest lectures.



SEM: 5

Date: 16-11-23

1. HOW USEFUL DO YOU THINK THIS EVENT WAS FOR YOU?

<input checked="" type="checkbox"/> Excellent	2- Very Good	3-Good	4-Average	5-Poor
---	--------------	--------	-----------	--------

2. SPEAKERS KNOWLEDGE ON THIS TOPIC.

<input checked="" type="checkbox"/> Excellent	2- Very Good	3-Good	4-Average	5-Poor
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3. HOW INTERACTIVE WAS THE SESSION.

<input checked="" type="checkbox"/> Excellent	2- Very Good	3-Good	4-Average	5-Poor
---	--------------	--------	-----------	--------

4. THE PRESENTER PROVIDED TIME FOR QUESTIONS &amp; ANSWERED ALL EFFECTIVELY?

<input checked="" type="checkbox"/> Excellent	2- Very Good	3-Good	4-Average	5-Poor
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5. BENEFIT OF LECTURE

<input checked="" type="checkbox"/> Excellent	2- Very Good	3-Good	4-Average	5-Poor
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REMARKS: The Session conducted by the Dept of ECE, Great lecture on Entrepreneurship & Start-Up on 16/11/2023 was useful for the students. It was a practical session, explaining the research and the idea involved. We learnt a lot on the subject Entrepreneurship and expect more





Date: 16/11/23

**Resource Person Feedback form**

Sl no	Name	Remarks	Signature
	Dr. Sumesh Shingara	Very futuristic and healthy re course and motivational and serene	
	Kumar Kumbikarnam	Excellent programme to motivate students to work on research	

Co-ordinators

1. Nandini A.S.
2. Chaitra.S.

HOD - ECE  
Professor & H.O.D.  
Dept. of Electronics & Communication  
DON BOSCO INSTITUTE OF TECHNOLOGY  
Kumbalagodu, BANGALORE-560074

## Execution Approach and Photo Gallery

**Event started  
with welcome  
speech by  
Mrs.Chaitra S**



**Our HoD  
greeted guest  
with Bouquet**





**Introduction of  
the Guest**



**Motivational  
speech about  
Entrepreneur**



**Staffs and 167  
students were  
present in this  
session**





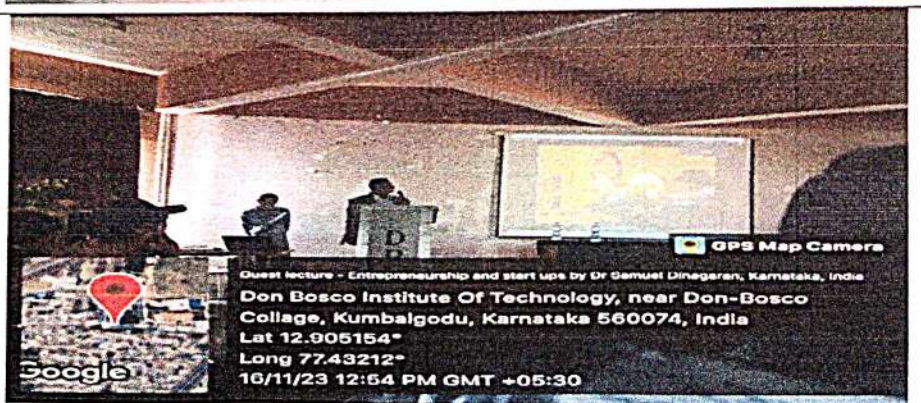
**167 students  
were present in  
this session**



**Gave a tips ,to  
start their own  
start ups**



**Explained  
about ongoing  
project of their  
company with  
tested result**





**Student  
Queries session  
were answered**



**Faculties  
Doubts were  
cleared**



**Students  
Doubts were  
cleared**

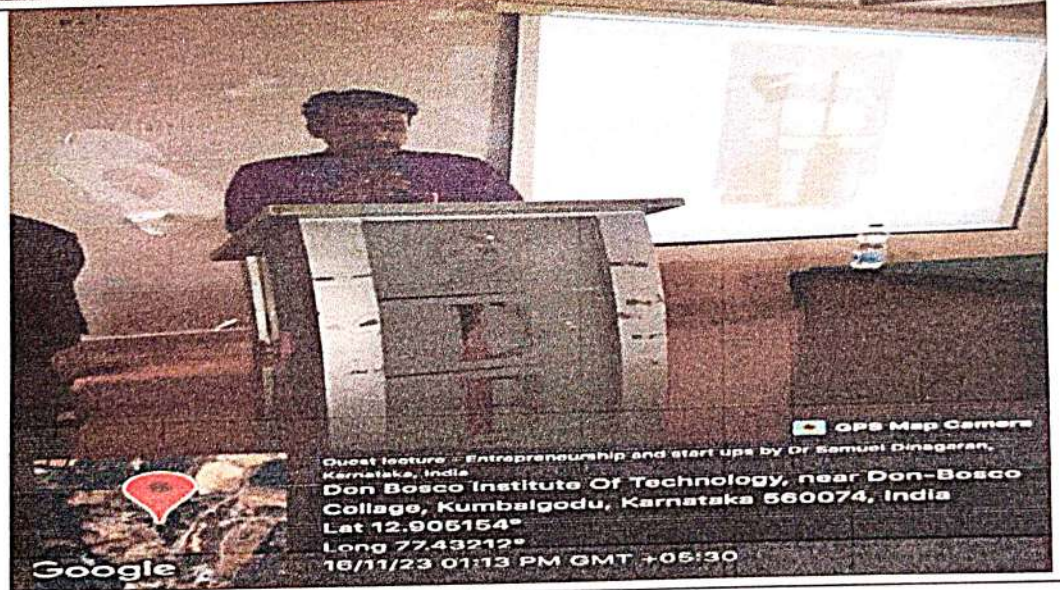




**Staffs and  
Guest photo  
session**



**Event was  
concluded by  
Mr. Suresh  
with Vote of  
Thanks**





Wayanamac Education Trust (R)  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Department of Electronics and Communication Engineering  
Kumbalagodu, Mysuru Road, Bengaluru-560074  
Ph: +91-80-28437028/29/30 Website: www.dbit.co.in Email: [eee@dbit.co.in](mailto:eee@dbit.co.in)



Affiliated to  
VTU  
Belagavi



Approved  
by AICTE,  
New Delhi



Indian  
Institute  
of Science  
Banglore



Accredited  
by NAAC,  
Bengaluru



Accredited  
by NBA\*,  
New Delhi



Recognized  
by Govt. of  
Karnataka



Invitation for Guest Lecture on  
**"Entrepreneurship and Start-ups"**

Date: 16<sup>th</sup> NOV 2023, 10.00AM

In association with



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

by

**Resource person**

*Dr. Samuel Dhivagarao*

Founder and CEO of

Sam Power Inc Belmont, New York, USA,

Sampriya Energy & Communication Private Limited, Bengaluru.

**CHIEF PATRON**

Shri. B. Bylappa

President, WET, Bengaluru.

**PATRONS**

Shri. P. B. Manjunath  
Executive Director, WET  
DBIT, Bengaluru.

Shri. Raghav Bylappa  
Secretary, WET,  
DBIT, Bengaluru.

Dr. Nataraj K R  
Dean & Director, R& D,  
DBIT, Bengaluru

**ORGANIZING CHAIRS**

Dr. A N Maheswarappa  
Head & Professor,  
Dept. of ECE  
DBIT, Bengaluru

Dr. B S Nagabushana  
Principal  
DBIT, Bengaluru

**Coordinators:**

Mrs. Chaitra S. Asst. Professor,  
Dept. of ECE, DBIT  
Mrs. Nandini A.S. Asst. Professor,  
Dept. of ECE, DBIT

30/11/23  
12/11/23



SEM:  $\gamma$

Date:16-11-23

1. HOW USEFUL DO YO THINK THIS EVENT WAS FOR YOU?

<del>1</del> Excellent	2- Very Good	3-Good	4-Average	5-Poor
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2. SPEAKERS KNOWLEDGE ON THIS TOPIC.

<del>1</del> Excellent	2- Very Good	3-Good	4-Average	5-Poor
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3. HOW INTERACTIVE WAS THE SESSION.

<del>1</del> Excellent	2- Very Good	3-Good	4-Average	5-Poor
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4. THE PRESENTER PROVIDEDF GOOG TIME FOR QUESTIONS & ANSWERED ALL EFFECTIVELY?

<del>1</del> Excellent	2- Very Good	3-Good	4-Average	5-Poor
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5. BENEFIT OF LECTURE

<del>1</del> Excellent	2- Very Good	3-Good	4-Average	5-Poor
------------------------	--------------	--------	-----------	--------

REMARKS: It was an excellent session, we except one more similar session.





SEM: ✓

Date:16-11-23

1. HOW USEFUL DO YO THINK THIS EVENT WAS FOR YOU?

<input checked="" type="checkbox"/> 1-Excellent	<input type="checkbox"/> 2-Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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2. SPEAKERS KNOWLEDGE ON THIS TOPIC.

<input checked="" type="checkbox"/> 1-Excellent	<input type="checkbox"/> 2-Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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<input checked="" type="checkbox"/> 1-Excellent	<input type="checkbox"/> 2-Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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<input checked="" type="checkbox"/> 1-Excellent	<input type="checkbox"/> 2-Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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5. BENEFIT OF LECTURE

<input checked="" type="checkbox"/> 1-Excellent	<input type="checkbox"/> 2-Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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REMARKS: Session was excellent . It was very informative, We expect another useful session from you.



SEM: ✓

Date:16-11-23

1. HOW USEFUL DO YO THINK THIS EVENT WAS FOR YOU?

<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> 2- Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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2. SPEAKERS KNOWLEDGE ON THIS TOPIC.

<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> 2- Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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4. THE PRESENTER PROVIDEDF GOOG TIME FOR QUESTIONS & ANSWERED ALL EFFECTIVELY?

<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> 2- Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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5. BENEFIT OF LECTURE

<input checked="" type="checkbox"/> Excellent	<input type="checkbox"/> 2- Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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REMARKS: *It was excellent session. Thanks for the insightful session. It was very informative & helpful*





SEM:

Date:16-11-23

1. HOW USEFUL DO YO THINK THIS EVENT WAS FOR YOU?

<del>1 Excellent</del>	2- Very Good	3-Good	4-Average	5-Poor
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2. SPEAKERS KNOWLEDGE ON THIS TOPIC.

<del>1 Excellent</del>	2- Very Good	3-Good	4-Average	5-Poor
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3. HOW INTERACTIVE WAS THE SESSION.

<del>1 Excellent</del>	2- Very Good	3-Good	4-Average	5-Poor
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4. THE PRESENTER PROVIDEDF GOOG TIME FOR QUESTIONS & ANSWERED ALL EFFECTIVELY?

<del>1 Excellent</del>	2- Very Good	3-Good	4-Average	5-Poor
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5. BENEFIT OF LECTURE

<del>1 Excellent</del>	2- Very Good	3-Good	4-Average	5-Poor
------------------------	--------------	--------	-----------	--------

REMARKS: The session was informative and useful.



SEM:

Date:16-11-23

1. HOW USEFUL DO YO THINK THIS EVENT WAS FOR YOU?

<input checked="" type="checkbox"/> 1 Excellent	<input type="checkbox"/> 2- Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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2. SPEAKERS KNOWLEDGE ON THIS TOPIC.

<input checked="" type="checkbox"/> 1 Excellent	<input type="checkbox"/> 2- Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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3. HOW INTERACTIVE WAS THE SESSION.

<input checked="" type="checkbox"/> 1 Excellent	<input type="checkbox"/> 2- Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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<input checked="" type="checkbox"/> 1 Excellent	<input type="checkbox"/> 2- Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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5. BENEFIT OF LECTURE

<input checked="" type="checkbox"/> 1 Excellent	<input type="checkbox"/> 2- Very Good	<input type="checkbox"/> 3-Good	<input type="checkbox"/> 4-Average	<input type="checkbox"/> 5-Poor
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REMARKS: *Very useful inspiring guest lecture*



# DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalagodu, Mysuru Road, Bengaluru-560 074, Karnataka



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

**Session  
On**

## **“Cyber Security in Industrial Control Systems”**

Organized by

**SPARK AURA- Dept. of EEE, ECE, R & D & IIC**

Coordinated by

**Mr. Rajath Shankar P.S**

Assistant Professor, Dept. of EEE, DBIT

**Mr. Kishor Kumar R**

Assistant Professor, Dept. of ECE, DBIT

Held at

**Don Bosco Institute of Technology**

During

**13<sup>th</sup> July 2024**

**2023-2024**



EEE-214

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Photo & Gallery	14
Annexure: Copy of permission letter, Invitation, Resume etc.	15-19



## Authentication Page

A REPORT On Expert Talk on “Cyber Security in Industrial Control Systems”

Organized by: SPARK AURA- Dept. of EEE, ECE, R & D & IIC

Coordinated by:

**Mr. Rajath Shankar P.S**

Assistant Professor,  
Dept. of EEE, DBIT

**Mr. Kishor Kumar R**

Assistant Professor,  
Dept. of ECE, DBIT

Held at Venue: **Don Bosco Institute of Technology**

During: 13<sup>th</sup> July 2024

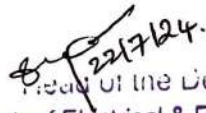
Academic Year: **2023-2024**

Signature of the Coordinator with date:

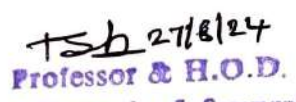
  
22/7/24

  
22/7/24

Signature of the HOD with date:

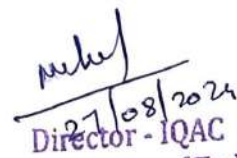
  
22/7/24

Head of the Department  
Dept. of Electrical & Electronics E.  
Don Bosco Institute of Technology  
Kumbalagodu, Bangalore - 560 074

  
27/8/24  
Professor & H.O.D.

Dept. of Electronics & Communication  
DON BOSCO INSTITUTE OF TECHNOLOGY  
Kumbalagodu, BANGALORE-560 074

Signature of the Head-IQAC with date:

  
27/08/2024  
Director - IQAC

Don Bosco Institute of Technology  
Mysore Road, Kumbalagodu  
Bengaluru-560 074

Signature of the Principal with date:

  
**PRINCIPAL**

Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074

## **Introduction/ Preamble**

A Session on “**Cyber Security in Industrial Control Systems**” was organized for 6<sup>th</sup> sem students by SPARK AURA, Dept. of EEE & ECE, Don Bosco Institute Of Technology during 13<sup>th</sup> July 2024. The Program started at 11:00AM in APJ Abdul Kalam Seminar Hall and Dr. Anguraja R, HOD-EEE welcomed the keynote speaker followed by Introduction about speaker by Mr.Rafi Ahmed Z, Asst.Professor followed by talk on cyber security in industries by resource person **Mr. Karthik K N(EEE-2007 Batch)**. Finally vote of thanks was given Sharmila R S, Assoc.Professor

## **Objectives and Learning outcomes**

### **Objectives**

1. To educate and enlighten the importance of cyber security in Industrial control systems..
2. To provide information regarding career opportunities in this field...
3. To develop skillsets in networking, control systems, design.

### **Outcomes**

At the end of the session, students

1. Got to know the application of cyber security, control systems in real time projects.
2. Got the skillsets in facing and cracking interviews..



## Attendance Report



**Don Bosco Institute of Technology**  
(NAAC Accredited Institution)  
**Department of Electrical & Electronics Engineering**  
(Accredited by NBA)



Attendance for Session on Cyber Security in Industrial Control Systems 13-07-2024

Semester: 6

Sl.No	USN	Name of Student	Signature
1	1DB21EE001	BALAJI K	Balaji
2	1DB21EE002	BHARATHKUMAR M	
3	1DB21EE003	CHANDANASC	Chandanasc
4	1DB21EE004	CHIRAG S	Chirag S
5	1DB21EE006	DEEPIKA R	Deepika R
6	1DB21EE008	HARSHITHA M	
7	1DB21EE011	KARTHIKA L	Karthika
8	1DB21EE012	KEERTHANA SH	Keerthana
9	1DB21EE013	KIRAN B S	Kiran
10	1DB21EE014	KISHORE C	Kishore
11	1DB21EE016	LUCKY ALI	Lucky Ali
12	1DB21EE018	NAINIKA R	Nainika
13	1DB21EE019	OMKAR JAIN	Omkar Jain
14	1DB21EE020	PRIYANSHU SINGH	Priyanshu
15	1DB21EE021	SAGAR S	Sagar
16	1DB21EE022	SAHANA N	Sahana
17	1DB21EE023	SHASHANK R	Shashank
18	1DB21EE024	SINCHANA PS	Sinchana P.S
19	1DB21EE025	SONY B K	
20	1DB21EE026	SPANDANA V	
21	1DB21EE027	SRIKANTH S	Srikant
22	1DB21EE028	SUSHMITHA R	
23	1DB21EE029	VAISHNAVI Y	Vaishnavi
24	1DB21EE030	VARSHITHA M	Varshitha
25	1DB21EE031	VARUN R	Varun
26	1DB21EE032	VINUTHA M V	Vinutha
27	1DB21EE033	VIVEK GOWDA KR	Vivek
28	1DB22EE400	ABHILASH G S	Abhilash
29	1DB22EE401	ABHISHEK	
30	1DB22EE402	ASHWINI M	Ashwini

## Cyber Security in Industrial Control Systems

31	1DB22EE403	BHUVAN R	<i>Bhuvan R</i>
32	1DB22EE404	CHANDAN M	<i>Chandan M</i>
33	1DB22EE405	CHANDANA SHREE R S	<i>Chandana S</i>
34	1DB22EE406	DARSHAN N	<i>Darshan N</i>
35	1DB22EE407	DHANUSH M D	
36	1DB22EE408	HEMARAJ M	<i>Hemraj M</i>
37	1DB22EE409	HITHESHKUMAR C	<i>Hithesh C</i>
38	1DB22EE410	JEEVAN M	<i>Jeevan M</i>
39	1DB22EE411	KIRAN S	<i>Kiran S</i>
40	1DB22EE412	LOKESH R	<i>Lokesh R</i>
41	1DB22EE413	NANDHINI C	<i>Nandhini C</i>
42	1DB22EE414	RAJKUMAR	
43	1DB22EE415	SAGAR S A	<i>Sagar S A</i>
44	1DB22EE416	SINCHANA M R	<i>Sinchana M R</i>
45	1DB22EE417	TARUN BABU L N	<i>Tarun B L N</i>
46	1DB22EE418	VARUNA S R	<i>Varuna S R</i>
47	1DB22EE419	VENUGOPALAREDDY G S	<i>Venugopal G S</i>
48	1DB22EE420	VINAYAKA CHATHURVEDI K N	<i>Vinayaka K N</i>
49	1DB22EE421	VISHWAS GOWDA B	<i>Vishwas B</i>

*Dr P*  
*13/12/24*  
**HOD - EEE**

Head of the Department  
Dept. of Electrical & Electronics Engg.  
Don Bosco Institute of Technology  
Kumbalaguda, Bangalore - 560 074





**Don Bosco Institute of Technology, Bangalore**  
 (NAAC Accredited Institution)  
 Department of Electronics and Communication Engineering  
 (Accredited by NBA & affiliated to VTU)  
 Student list for EVEN Semester AY (2023-2024)



Semester:- 6

Section : A

Technical Seminar

*Cyber security in industrial control system*

SLNo	USN	NAME	Signature
1	1DB21EC001	ABHISHEK B R	
2	1DB21EC002	ABHISHEK JADHAV	
3	1DB21EC003	ABHISHEK MOHAN DHONGADI	
4	1DB21EC004	ABHISHEK S	
5	1DB21EC005	AFTAF AYUB MANIYAR	
6	1DB21EC006	AKSHATA BASAYYA HIREMATH	
7	1DB21EC007	AKSHAY S	
8	1DB21EC008	ANKITHA SHASHI	<i>ANKITHA SHASHI</i>
9	1DB21EC009	ANKITHA V N	<i>ANKITHA V N</i>
10	1DB21EC010	ANVITHA K P	
11	1DB21EC011	ARAVIND M N	<i>ARAVIND M N</i>
12	1DB21EC013	ARSHIYA HAZARATPASHA DUNDGE	
13	1DB21EC014	B S PAVAN	
14	1DB21EC015	BHANDHAVI E V	<i>B S PAVAN</i>
15	1DB21EC016	BHANUPRIYA T M	
16	1DB21EC017	BHARATH KUMAR J G	<i>Bhanupriya</i>
17	1DB21EC018	BHAVANA C	
18	1DB21EC019	BHAVANA R M	
19	1DB21EC020	BHAVISHATH K S	<i>Bhavana RM</i>
20	1DB21EC021	BHUMIKA B R	
21	1DB21EC022	BHUMIKA N	
22	1DB21EC023	BINDUSHREE S	<i>Bhumika N</i>
23	1DB21EC024	BIRDAR VISHAL ASHOK KUMAR	
24	1DB21EC025	CHAITANYA C	
25	1DB21EC026	CHAITHANYA B G	
26	1DB21EC027	CHAITRA R	
27	1DB21EC028	CHANDAN V U	
28	1DB21EC029	CHANDANA K N	
29	1DB21EC030	CHANDANA R	
30	1DB21EC031	CHANDANA S	<i>Chandana R</i>
31	1DB21EC032	CHANDANA S S	<i>Chandana S</i>
32	1DB21EC033	CHANDRA SHEKAR A	<i>chandanas</i>
33	1DB21EC034	CHARAN GOWDA M S	

*tsh*

**Professor & H.O.D.**  
 Dept. of Electronics & Communication  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
 'Ambalanda BANGALORE-560 074'

34	1DB21EC035	CHARAN J YADAV	
35	1DB21EC036	DARSHAN B N	Darshan B N
36	1DB21EC037	DEEKSHA V	
37	1DB21EC038	DEEPALI BASANTHIPURE	
38	1DB21EC039	DEEPU M S	
39	1DB21EC040	DHARIYAPPA MALLAPPA YALLIGUTTI	
40	1DB21EC041	DIVYA S	Divya S
41	1DB21EC042	GANASHREE M G	
42	1DB21EC043	GANESH K N	
43	1DB21EC044	GAYATHRI P	
44	1DB21EC047	GOWTHAM N	
45	1DB21EC048	H SRIPADARAJAN	
46	1DB21EC049	H V SANJAY	
47	1DB21EC050	HANEESH KUMAR D	
48	1DB21EC051	HARSHA N A	
49	1DB21EC052	HARSHINI R D/o B K Raju	Harshini R
50	1DB21EC053	HARSHINI R D/o S Raju	
51	1DB21EC054	HARSHITH G C	
52	1DB21EC055	HEMANTH KUMAR B A	Hemant B A
53	1DB21EC056	HEMANTH KUMAR J	
54	1DB21EC057	HEMAVATHI N	
55	1DB21EC058	IMPANA P	Impana P
56	1DB21EC059	IMPUSHREE Y N	Impu
57	1DB21EC060	J P LOKESHWARI	J P
58	1DB21EC061	JAYANTH R	
59	1DB21EC062	K MANASA	
60	1DB22EC404	AUSHIK BHIMJI HIRANI	
61	1DB22EC406	DILIP KUMAR R	
62	1DB22EC410	KEERTHI S B	
63	1DB22EC413	KUSUMA M	
64	1DB22EC414	LAVANYA S	
65	1DB22EC418	MANOJ K	
66	1DB22EC424	SPOORTHI K	
67	1DB22EC431	VAMSHI K V	

*tsb*

**Professor & H.O.D**

Dept. of Electronics & Communication  
**IGN BOSCO INSTITUTE OF TECHNOLOGY,**  
 Ambalaseedu, BANGALORE-560 076





**Don Bosco Institute of Technology, Bangalore**  
(NAAC Accredited Institution)  
Department of Electronics and Communication Engineering  
(Accredited by NBA & affiliated to VTU)  
Student list for EVEN Semester AY (2023-2024)



Semester:- 6

Section : B

Technical Seminar

*Cyber Security in Industrial Control System*

Sl.No	USN	NAME	Signature
1	1DB21EC062	JEEVAN K	
2	1DB21EC063	JEEVITHA J	
3	1DB21EC064	JOSHUA D	
4	1DB21EC066	K S SHREYAS	
5	1DB21EC067	KADIRESH P	
6	1DB21EC068	KALYAN KUMAR K L	
7	1DB21EC069	KARTHIK H S	
8	1DB21EC070	KARTHIK R	<i>Karthik R</i>
9	1DB21EC071	KAUSHIK K	
10	1DB21EC072	KAVYA V	
11	1DB21EC073	KEERTHI M	
12	1DB21EC075	KUSHAL GOWDA H L	
13	1DB21EC076	LAXMIRANI HANAMAPPA GANGANNAVAR	
14	1DB21EC077	LIKHITHA T S	
15	1DB21EC078	LIKITH GOWDA K S	<i>Likitha K S</i>
16	1DB21EC079	LIKITHA R	<i>Likitha R</i>
17	1DB21EC080	LINGARAJ	
18	1DB21EC081	MADHU D G	
19	1DB21EC083	MADHURI A	
20	1DB21EC084	MAHAMMAD IBRAHIM	<i>Madhuri A</i>
21	1DB21EC086	MALLIKA M	
22	1DB21EC087	MANDHARA M C	
23	1DB21EC088	MANISHA S	
24	1DB21EC089	MANJUNATH B R	<i>Manisha S</i>
25	1DB21EC090	MANOJ BASANAGOUDA PATIL	
26	1DB21EC091	MANOJ K R	
27	1DB21EC092	MOHAMMED KAIF	<i>Manoj k.R</i>
28	1DB21EC093	NANDINI C N	
29	1DB21EC094	NAVEEN KUMAR K	
30	1DB21EC095	NETHRAVATHI R	
31	1DB21EC096	NIRANTH GAGAN G M	
32	1DB21EC097	P DEEPIKA CHRISTINA	

*tsb*

Professor & H.O.D  
Dept. of Electronics & Communication  
DON BOSCO INSTITUTE OF TECHNOLOGY  
BANGALORE-560 071

## Cyber Security in Industrial Control Systems

33	1DB21EC098	PAVAN KUMAR C	
34	1DB21EC099	POOJA A	
35	1DB21EC100	POOJASHREE M	
36	1DB21EC101	POORNA CHANDRA D L	
37	1DB21EC102	POORVIKA P	
38	1DB21EC103	PRABHAKARA R G	
39	1DB21EC104	PRAHALAD B KULKARNI	
40	1DB21EC105	PRAKRUTHI G S	
41	1DB21EC106	PRAKRUTHI R N	
42	1DB21EC107	PRARTHANA R	
43	1DB21EC108	PRATHIBHA M	
44	1DB21EC109	PREETHAM R NAIK	
45	1DB21EC110	PREETHI P	
46	1DB21EC111	PREETHI PRASAD K R	
47	1DB21EC112	PREM MAHESH ANGADI	<i>Pran</i>
48	1DB21EC113	PRIYA G C	
49	1DB21EC114	PRIYA S	
50	1DB21EC115	PRIYANKA G R	
51	1DB21EC116	PRIYANKA H N	
52	1DB21EC117	PRUTHVI L GOWDA	
53	1DB21EC119	RADHA V	
54	1DB21EC120	RAHEESHA S	<i>Rahesh</i>
55	1DB21EC178	KARTHIK K.M	
56	1DB22EC400	ABHISHEK S M	
57	1DB22EC402	ANUSHA N	
58	1DB22EC403	ARBAZ KHAN	
59	1DB22EC405	BINDUSHREE K N	
60	1DB22EC407	GOUTAM MAHVEER JADHAV	
61	1DB22EC408	IRANNA METI	
62	1DB22EC415	MADHUSUDHANA	
63	1DB22EC416	MAHESH N	
64	1DB22EC417	MANJUNATH SHANTAYYA HIREMATH	
65	1DB22EC420	PAVITRA A PATIL	
66	1DB22EC426	SUNIL KUMAR T R	
67	1DB22EC429	VISHWAS M	

*tsb*

**Professor & H.O.D**

Dept. of Electronics & Communication  
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 Tumkur Road, BANGALORE-560 097





**Don Bosco Institute of Technology, Bangalore**

(NAAC Accredited Institution)

**Department of Electronics and Communication Engineering**

(Accredited by NBA & affiliated to VTU)

Student list for EVEN Semester AY (2023-2024)



Semester:- 6

Section : C

Technical Seminar

*Cyber security in industrial control system*

Sl.No	USN	NAME	Signature
1	1DB21EC121	RAHUL GENDAMADU M	
2	1DB21EC122	RAJESH KUMAR S	
3	1DB21EC123	RAKSHITHA R	
4	1DB21EC124	RAKSHITHA SA	
5	1DB21EC125	RANJANI R	<i>Rakshitha</i>
6	1DB21EC126	RESHMA H S	
7	1DB21EC127	RUCHITHA B S	<i>Ruchitha</i>
8	1DB21EC128	SAGAR M R	<i>Sagar</i>
9	1DB21EC130	SAHANA N	
10	1DB21EC131	SAMEER S S	<i>Sameer</i>
11	1DB21EC132	SAMPRATH KRISHNA SHANBHAG	<i>Samprath</i>
12	1DB21EC133	SANDEEP NAYAKA N	<i>Sandeep</i>
13	1DB21EC134	SANJANA D	
14	1DB21EC135	SANJANA JASPER P S	<i>Sanjana</i>
15	1DB21EC137	SANJAY K M	<i>Sanjay</i>
16	1DB21EC138	SANTHOSH D K	<i>Santhosh</i>
17	1DB21EC139	SHALINI D N	
18	1DB21EC140	SHAMA S P	
19	1DB21EC141	SHANKAR KUMAR S	
20	1DB21EC142	SHASHIDHAR M ANGADI	
21	1DB21EC143	SHRAVYA K	
22	1DB21EC144	SHREYA G K	
23	1DB21EC145	SHREYAS V	
24	1DB21EC146	SHRUTHI GOUDA	<i>Shruthi</i>
25	1DB21EC147	SHRUTHI H S	<i>Shruthi</i>
26	1DB21EC148	SHUBHANGINI	<i>Shubhangi</i>
27	1DB21EC149	SIHI C H	
28	1DB21EC150	SINCHANA B S	<i>Sinchana</i>
29	1DB21EC151	SINCHANA V	
30	1DB21EC152	SINDHU M K	
31	1DB21EC153	SINDHU N S	

*tsb*

Professor & H.O.D

Dept. of Electronics & Communication  
DON BOSCO INSTITUTE OF TECHNOLOGY  
Bangalore

32	1DB21EC154	SPANDANA R	
33	1DB21EC155	SRIDHAR V	
34	1DB21EC156	SRINIVASAGOWDA T	
35	1DB21EC157	SRINIVASAN S	
36	1DB21EC158	SUHAS B N	
37	1DB21EC159	SUJAY R	
38	1DB21EC160	SURABHI V S	
39	1DB21EC162	TEJAS R	
40	1DB21EC163	TEJASWINI B R	
41	1DB21EC164	VANDITH V C	Tejaswini
42	1DB21EC165	VATAN R	Vatan
43	1DB21EC167	VIDYASHREE B S	
44	1DB21EC168	VIKAS GOWDA A N	
45	1DB21EC169	VIKAS V SALGAR	
46	1DB21EC170	VIKRAM A	
47	1DB21EC171	VINAYAKA ARAJI	Vinay
48	1DB21EC172	VISHNUVARDHAN	
49	1DB21EC173	VIVEK K	
50	1DB21EC174	Y REVATHI	
51	1DB21EC175	YASHASWINI R	
52	1DB21EC176	YASHWANTHA S GOWDA	
53	1DB21EC177	YESHWANTH G	
54	1DB21EC118	R SHYLI	
55	1DB22EC401	ANJALI N C	
56	1DB22EC409	JITESH G	
57	1DB22EC411	KEERTHIK M	
58	1DB22EC412	KISHORE S	
59	1DB22EC419	MARTHULA BHARATH	
60	1DB22EC421	SANTHOSH GOWDA S T	
61	1DB22EC422	SARVJEETH KUMAR JHA S	
62	1DB22EC423	SHIVARAJ SIDDARAYA CHOUDARI	S.S. Choudhary
63	1DB22EC425	SRINIDHI C	
64	1DB22EC427	VINAYAKA B PATIL	
65	1DB22EC428	VINAYAKA V	
66	1DB22EC430	CHAITHRA V	
67	1DB22EC432	YASHASWINI K P	

*TSB*

**Professor & H.O.D**  
Dept. of Electronics & Commu. Engg.  
MUN BOSCO INSTITUTE OF TECHNOLOGY  
Cumbalagodu, BANGALORE-560 074



## Participant's feedback Summary:

The resource persons gave insight knowledge on the Cyber security in industrial control systems. The participants felt that resource person was very informative and had in-depth knowledge on cyber security, control systems, design of power system using PLC. Overall the participants felt the session was useful and they learnt Skillsets in cracking interviews and application of cyber security in real time projects.

Feedback - Session on "Cybersecurity in Industrial Control Systems" - 13/07/2024											
Timestamp	Full Name	USN	Branch	Semester	The Content delivered in the Session was Informative	Did the Speaker cover the aspects of Career Opportunities in	Did the Session achieve the Program Objectives?	How Satisfied were you with the Session Content?	Which topics or aspects of the Session did you find most interesting or useful?	What were your key Learnings from this Session?	Your Overall Feedback about the Session on a Scale of 1 to 5
7-15-2024 10:36:52	Ahlosh GS	1DB22EE400	EEE	6th Sem	4	Yes	Yes	4	Session is good	Cyber security engineer	4
7-15-2024 10:36:52	Larun babu L N	1DB22EE417	EEE	6th Sem	5	Yes	Yes	3	Journey	Cyber security	4
7-15-2024 10:37:37	Varuna SR	1DB22EE418	EEE	6th Sem	4	Yes	Yes	3	Yes it was interesting	About our metro tunneling and how it overcomes the problem of cyber crimes	4
7-15-2024 10:37:43	Ashwini M	1DB22EE402	EEE	6th Sem	5	Yes	Yes	5	Useful	Cyber security	5
7-15-2024 10:40:01	Sinchana m	1DB22EE416	EEE	6th Sem	5	Yes	Yes	5	Yes it's useful	Knowledge	5
7-15-2024 10:55:19	Vishwas govda b	1DB22EE421	EEE	6th Sem	5	Yes	Yes	3	Networking relation with Cybersecurity	Networking relation with Cybersecurity	4
7-15-2024 10:59:17	JEEVAN M	1DB22EE410	EEE	6th Sem	5	Yes	Yes	5	About his career	Every time we should learn new things and we want to expertise in those things to get a better way	5
7-15-2024 11:00:00	Omkar Jain	1DB21EE019	EEE	6th Sem	5	Yes	Yes	5	Abroad studies	What to do for doing further studies and about placements	5
7-15-2024 11:04:43	Vaishnavi Y	1DB21EE029	EEE	6th Sem	4	Yes	Yes	4	SCADA	SCADA FOR CAREER	4
7-15-2024 11:04:56	Balaji	1DB21EE001	EEE	6th Sem	5	Yes	Yes	5	Yes	Learn about career guidance	5
7-15-2024 11:05:05	Vinayaka Chathurvedi K N	1DB22EE420	EEE	6th Sem	5	Yes	Yes	5	That he not stopped in a particular job. He learned new things to get high level job.	Success is not a destination. It is a journey.	5
7-15-2024 11:05:42	VENUGOPALAREDDY G S	1DB22EE419	EEE	6th Sem	4	Yes	Yes	5	PLC	How works in Cybersecurity in Industrial Control Systems	5
7-15-2024 11:06:45	Varun R	1DB21EE031	EEE	6th Sem	5	Yes	Yes	5	Yes	Career	5
7-15-2024 11:12:13	Lucky Ali	1DB21EE016	EEE	6th Sem	4	Yes	Yes	4	Cyber security, plc	Plc domain	4
7-15-2024 11:14:40	Kishore C	1DB21EE074	EEE	6th Sem	5	Yes	Yes	5	Plc, cyber security	AutoCAD	5
7-15-2024 12:01:07	Rajkumar	1DB22EE414	EEE	6th Sem	5	Yes	Yes	4	PLC	Cybersecurity in Industrial Control System	4
7-15-2024 12:26:16	Chandana M	1DB22EE404	EEE	6th Sem	4	Yes	Yes	4	SCADA	SCADA and cyber security	4
7-15-2024 12:38:17	Piyanshu Singh	1DB21EE020	EEE	6th Sem	3	Yes	No	3	NA	NA	3
7-15-2024 13:08:53	Nainika R	1DB21EE018	EEE	6th Sem	3	Yes	Yes	4	PLC	Some information about PLC and cyber security	3
7-15-2024 13:20:11	Shashank R	1DB21EE023	EEE	6th Sem	4	Yes	Yes	4	Cyber Security	About cybersecurity	4
7-15-2024 14:06:24	Sony BK	1DB21EE025	EEE	6th Sem	5	Yes	Yes	5	Cyber security	Importance of PLC and cyber security	5
7/15/2024 16:08:27	SRIKANTH S	1DB21EE027	EEE	6th Sem	4	Yes	Yes	4	PLC and Scada	PLC engineering and cyber security	4
7/15/2024 16:52:50	Mamoni K	1DB22EE418	ECE	6th Sem	5	Yes	Yes	5	Program	Communication	5
7/15/2024 16:55:35	Vatan R	1DB21EE065	ECE	6th Sem	4	Yes	Yes	2	Namma Metro	Career Roadmap	3
7/15/2024 18:34:36	Haritha R	1DB21EE075	PDF	6th Sem	5	Yes	Yes	5	About cyber crime	We have to take an courses constantly learning and implementing those in the given opportunity. Informative and useful	5
7/16/2024 21:21:10	Antisha Shashi	1DB21EE009	ECE	6th Sem	5	Yes	Yes	5	Cyber security	All	5
7/17/2024 15:33:25	Sih C H	1DB21EE043	ECE	6th Sem	5	Yes	Yes	5	Cyber security	Introduction to cyber security	4
7/18/2024 10:43:11	Rakshitha R	1DB21EE023	ECE	6th Sem	4	Yes	Yes	5	Cyber criminal	How cyber crime works	5
7/18/2024 10:45:23	Saraljeeth kumar	1DB22EE422	ECE	6th Sem	5	Yes	Yes	5	Investigation of Cyber crime	Basics	4
7/18/2024 10:45:44	Keerthik M	1DB22EE411	ECE	6th Sem	5	Yes	Yes	5	Basics of cyber crime	Basics of cyber crime	5
7/18/2024 10:45:50	Ashya	1DB21EE073	ECE	6th Sem	4	Yes	Yes	3	Metro	About jobs	4
7/18/2024 10:45:51	Chandana S S	1DB21EE032	ECE	6th Sem	3	Yes	Yes	3	Metro	About jobs	4
7/18/2024 10:45:52	Jiresh G	1DB22EE405	ECE	6th Sem	5	Yes	Yes	5	Topics	Good thinking	5
7/18/2024 10:45:54	Marthula bharath	1DB22EE415	ECE	6th Sem	4	Yes	Yes	4	Cyber security	About cyber criminal and security	4
7/18/2024 10:45:58	Chandana R	1DB21EE030	ECE	6th Sem	4	Yes	Yes	4	About namma metro	We learnt about network engineering	4
7/18/2024 10:48:41	Santhosh Gorla S T	1DB22EE421	ECE	6th Sem	5	Yes	Yes	5	Network Security: Understanding network architecture, firewalls, and intrusion detection systems.	Understanding how to identify security threats	5
7/18/2024 10:51:15	Sandhu ne	1DB21EE053	ECE	6th Sem	5	Yes	Yes	5	Profiling technique of cybercriminals	Skills regarding cybercrime	5
7/18/2024 10:51:40	Chaitra V	1DB22EE432	ECE	6th Sem	5	Yes	Yes	5	understanding network architecture,firewall	How to identify security threats	5
7/18/2024 10:51:41	Anjali N C	1DB22EE401	ECE	6th Sem	5	Yes	Yes	5	Network security, firewall,profiling	How to identify security threats	5
7/18/2024 10:56:10	Bhumika N	1DB21EE022	ECE	6th Sem	3	Yes	Yes	3	Plc	Cyber security	4

# PHOTO & GALLERY





Annexure



DON BOSCO INSTITUTE OF TECHNOLOGY

ALUMNI ASSOCIATION @

MYSORE ROAD, KUMBALAGODU, BENGALURU - 560074



Reconnecting Alumni

DBITAA/ 2024 - 2025 / ODD / 008

10-07-2024

To  
The President (through NOD - EEE)  
DBITAA, Bangalore

From  
The Alumni Coordinator  
DBITAA, Bangalore

Sub: Request to grant permission to organize a session on Cybersecurity for the 6<sup>th</sup> semester EEE students on 13/07/24 - Reg

With reference to the above subject, this is to bring to your kind notice that DBITAA in Collaboration with the Department of EEE is planning to organize a Session on "Cybersecurity in Industrial Control Systems" by our Alumnus Mr. Karthik KN (EEE 2007 Batch) - Project Cybersecurity Manager at Aistom India on 13/07/2024 (Saturday) for the 6<sup>th</sup> semester students of EEE Department. Looking forward for your consent to organize the same. Please do the needful.

*Forwarded to the President  
for your kind consideration  
12/07/24*

*Karthik KN*  
Yours Sincerely  
12/7/24

*Permitted  
12/7/24*

Email ID: [alumni coordinator@dbit.co.in](mailto:alumni coordinator@dbit.co.in)  
[alumni relations@dbit.co.in](mailto:alumni relations@dbit.co.in)

Contact No: +91 9606236236



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**ALUMNI ASSOCIATION ©**

MYSORE ROAD, KUMBALAGODU, BENGALURU - 560074



Reconnecting Relations

DBITAA/2024 - 2025 / ODD / 009

10-07-2024

To  
The President (through HQ) - EEE  
DBITAA, Bangalore

From  
Alumni Coordinator  
DBITAA, Bangalore

**Sub: Request to sanction the expenses of the session on Cybersecurity for the 6<sup>th</sup> semester EEE students on 13/07/24 - Reg**

With reference to the above subject, this is to bring to your kind notice that DBITAA in Collaboration with the Department of EEE is planning to organize a Session on "Cybersecurity in Industrial Control Systems" by our Alumnus Mr. Karthik KN (EEE 2007 Batch) - Project Cybersecurity Manager at Alstom India on 13/07/2024 (Saturday) for the 6<sup>th</sup> semester students of EEE Department. Hence we kindly request you to sanction the below mentioned expenses for organizing this Event. Please do the needful.

Expenses	Amount
Honorarium	Rs 2,500/-
Miscellaneous	Rs 500/-
<b>Total Expense Amount</b>	<b>Rs 3,000/-</b>

*Forwarded to the President  
for your kind consideration*  
*[Signature]*

*Approved*  
*[Signature]*  
12/7/24

*Referenced*  
*[Signature]*  
10/7/24  
Yours Sincerely

*To The Treasurer  
for needful*

Email ID: [alumni coordinator@dbit.co.in](mailto:alumni coordinator@dbit.co.in)  
[alumni.relations@dbit.co.in](mailto:alumni.relations@dbit.co.in)

Contact No: +91-9606236236





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**ALUMNI ASSOCIATION**

MYSOOR ROAD, KUMBALAGODU, BENGALURU - 560074



Reconnecting Relations

DBITAA/2024 - 2025 / ODD / 011

29-07-2024

To  
The President  
DBITAA, Bangalore

From  
Alumni Coordinator  
DBITAA, Bangalore

**Sub: Request to sanction the payment for the expenses of session on Cybersecurity for the EEE & ECE students held on 13/07/24 - Reg**

With reference to the above subject, this is to bring to your kind notice that DBITAA in Collaboration with the Department of EEE had organized a Session on "Cybersecurity in Industrial Control Systems" by our Alumnus Mr. Karthik KN (EEE 2007 Batch) - Project Cybersecurity Manager at Alstom India on 13/07/2024 (Saturday) for the 6<sup>th</sup> semester students of EEE & ECE Departments. Hence we kindly request you to sanction the payment of Rs 2,500/- (in words: Rupees Two Thousand Five Hundred Only) as Honorarium for the Resource Person and Rs 600/- as Miscellaneous expense to the Account of Prof. Rafi Ahmed.

Expenses	Amount
Honorarium	Rs 2,500/-
Miscellaneous	Rs 600/-
<b>Total Expense Amount</b>	<b>Rs 3,100/-</b>

BANK: ICICI BANK LTD  
BRANCH: BANGALORE - HRBR LAYOUT  
IFSC CODE: ICIC0000298  
ACCOUNT NUMBER: 029801509188  
ACCOUNT NAME: KARTHIK K N


To  
Prof EBS  
President



*Approved*  
*JK*  
*29/7/24*  
Transaction Closed  
*M. S. S.*

*Rafi Ahmed*  
Yours Sincerely

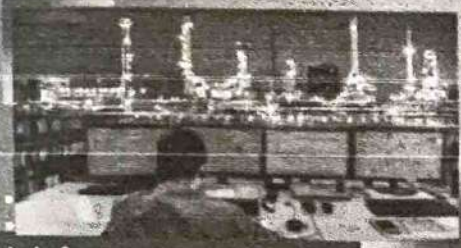
Email ID: [alumnicoordinator@dbit.co.in](mailto:alumnicoordinator@dbit.co.in)  
[alumni.relations@dbit.co.in](mailto:alumni.relations@dbit.co.in)

Contact No: +91-9606236236

 **Don Bosco Institute of Technology**  
Alumni Association (R)  
Mysore Road, Kumbalagodu, Bengaluru - 560074

 **In Collaboration with the**  
Departments of **EEE, ECE, R&D & IIC** 

**Session on "Cybersecurity in Industrial Control Systems"**




**13-Jul-2024 | Saturday**  
Time: 11 AM - 1 PM  
Venue : Seminar Hall 1, DBIT

**About the Session**

The Objective of the Session is to educate and enlighten EEE and ECE students on the critical importance of Cybersecurity in Industrial Control Systems (ICS), and vast Career Opportunities available in this field for Freshers.

**Resource Person**

 **Mr. Karthik KN**  
(EEE - 2007)  
Project Cybersecurity Manager,  
Alstom India

**Organizing Chairs**

**Dr. B S Nagabhushana**  
Principal, DBIT

**Dr. Anguraja R**  
HOD, EEE Dept.

**Dr. A N Maheshwarappa**  
HOD, ECE Dept.

**Prof. Rafi Ahmed Z**  
Coordinator, DBITAA

**Presided By**


**Sri. B. Bylappa**  
President, WET


**Sri. B. Manjunath**  
Executive Director, DBIT

**Sri. Raghav Bylappa**  
Secretary, WET

**Department Coordinators**

Prof. Rajath Shankar - Asst. Prof, Dept. of EEE  
Prof. Kishor Kumar R - Asst. Prof, Dept. of ECE

 [alumni\\_coordinator@dbit.co.in](mailto:alumni_coordinator@dbit.co.in)  
[alumni\\_relations@dbit.co.in](mailto:alumni_relations@dbit.co.in)

Visit DBIT Alumni Portal : [alumni.dbit.co.in](http://alumni.dbit.co.in)  +91-9605256236



# Karthik KN

## Professional Summary

Currently working with Alstom Global Projects group for Urban (Metro Trains) cybersecurity contract execution.

Was a Member of ABB Global Process Industries Cybersecurity team to contribute on sales, proposals, and consulting.



## Alstom India – Project Cybersecurity Manager (July 2023 to present)

- Ensure that applicable security requirements, security rules (including laws and local regulations), security guidelines, security information, etc. are distributed to project stakeholders and ensure compliance.
- Plan security activities and manage the definition of the most efficient system architecture related to cybersecurity requirements of the contract.
- Obtain agreement from internal stakeholders about targeted maximum residual risks level, cybersecurity risks to be addressed (risk management) and security measures to be implemented.
- Review of Cybersecurity Risk Analysis and Evaluation Report, evaluate project and business impacts of technical vulnerabilities identified as part of technological monitoring activities.
- Review deployment documents (Design, RAM, V&V) from a cybersecurity perspective.
- Define and follow-up action plans to close the cyber security issues.
- Ensure Cybersecurity awareness been propagated to Alstom team and suppliers.
- Organize the capture of experience feedback and the implementation of continuous improvement plans for Cybersecurity aspects.
- Member of the Change Control Board (CCB), in charge of evaluating Cybersecurity related impact of Change Request (CR) and following them up to closure.
- Responsible for Cost / Quality / Delay Deliverables Cybersecurity for allocated projects.
- To be the technical interface with the customer for the Cybersecurity domain.
- Delivery/lead units support include Alstom Greece, Alstom Romania and Alstom Saudi Arabia.

**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Kumbalgodu, Mysuru Road, Bengaluru-74, Karnataka



A REPORT  
ON

**“Three day workshop on IOT and its Applications”**  
(28<sup>th</sup> Feb 2024 to 1<sup>st</sup> Mar 2024)

Organized by:

**ECE, DBIT**

Faculty Coordinators

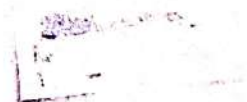
Prof.Gopinath C Y Professor, Dept. of ECE,DBIT, Bengaluru

Dr.Manjunatha A. P. Professor, Dept of ECE, DBIT, Bengaluru

Held at

**Don Bosco Institute of Technology**

**On 28<sup>th</sup> Feb 2024 to 1<sup>st</sup> March 2024**





## Authentication Page

A REPORT ON "Three Day Workshop on IoT and its applications"

Organized by Department of ECE, DBIT

Coordinated by

Prof. Gopinath C Y

Dr. Manjunatha A. P

Held at Venue: ECE Department, DBIT.

Academic Year: 2023-2024

Signature of the Coordinator with date:

A.P. Manjunatha  
4/03/24

Signature of the HOD with date:

Tsh  
4/31/24  
Professor & H.O U  
Dept. of Electronics & Communication  
DON BOSCO INSTITUTE OF TECHNOLOGY  
Kumbalagodu, BANGALORE-560 074

Signature of the Head- IQAC with date:

Mishra  
4/3/24  
Director - IQAC  
Don Bosco Institute of Technology  
Mysore Road, Kumbalagodu  
Bengaluru-560 074

Signature of the Principal with date:

Bhayaabhu  
PRINCIPAL  
Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074.





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**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Kumbalagodu, Mysuru Road, Bengaluru – 560074



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New Delhi



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VTU,  
Belagavi



Recognised by the  
Government of  
Karnataka



Accredited by  
NAAC  
Bangalore



Accredited by  
NBA.  
New Delhi  
(CSE,ECE,ISE,EEE,CVE)



## Department of Electronics and Communication Engineering

In Association with



INSTITUTION'S  
INNOVATION  
COUNCIL  
(Ministry of HRD initiative)  
IIC - DBIT

Organizing a Three day Workshop on  
“IoT and its Applications”

Resource Person:

**Mr. Panduranga N M**  
Director of Research & Development  
EMBIOT TECHNOLOGIES PVT LTD  
Bengaluru-40

Date: 28<sup>th</sup> Feb 2024 to 1<sup>st</sup> Mar 2024 || Time : 9:30 AM - 4:30 PM || Venue: SH-2

Presided by

Sri. B. Bylappa  
President, WET

Sri. B. Manjunath  
Executive Director, DBIT

Sri. Raghav Bylappa  
Secretary, WET

Organizing Chairs

Dr. Nataraj K R  
Dean & Director, R&D  
DBIT, Bengaluru

Dr. B. S. Nagabhusana  
Principal  
DBIT, Bengaluru

Dr. A. N. Maheswarappa  
HOD, Dept. of ECE,  
DBIT, Bengaluru

Faculty Coordinators:

Prof. Gopinath C Y, Professor, Dept. of ECE, DBIT, Bengaluru  
Dr. Manjunatha A P, Professor, Dept. of ECE, DBIT, Bengaluru



## Trainer's Profile

### Contact

[www.linkedin.com/in/panduranga-nm](http://www.linkedin.com/in/panduranga-nm) (LinkedIn)  
[embiottechnologies.com](http://embiottechnologies.com) (Company)  
[in.embiotweb.in](http://in.embiotweb.in) (Company)

### Top Skills

Problem Solving  
Presentations  
Leadership

### Languages

English (Full Professional)  
Kannada (Native or Bilingual)  
Hindi (Professional Working)  
Telugu (Limited Working)

### Certifications

CMOS, Mixed Signal and Radio  
Frequency VLSI Design  
Java

### Patents

An AI Assisted Vertical Farming  
System and Method  
An IoT operated LED driver system

## Panduranga N M

Technical Manager IOT  
Bengaluru, Karnataka, India



### Summary

I am Panduranga

### Experience

Adappt Intelligence  
Technical Manager IOT  
October 2022 - July 2024 (1 year 10 months)  
Bengaluru, Karnataka, India

I am working on vision-based products. Achieving the smooth working of the hardware and enabling it to connect to the cloud and transmit the data using IoT technique.

And also, handling the manufacturing of the products.

#### Embiot Technologies Pvt Ltd

4 years 7 months

Senior Embedded Software Engineer  
September 2019 - September 2022 (3 years 1 month)  
Bengaluru, Karnataka, India

Embedded and IoT Product development

Embedded Software Engineer  
March 2018 - September 2019 (1 year 7 months)  
Bengaluru Area, India

Theem College of Engineering, Boisar, Thane, Mumbai 401501

Assistant Professor  
January 2016 - June 2017 (1 year 6 months)  
Mumbai Area, India

Worked as an Assistant Professor, I had been in into academics for 4 semestors and got experience in the field of teaching Industry

Thinkcircuit Technologies pvt ltd

2 years 1 month

Software Developer



## **Brief workshop report on “IOT and its Applications”**

The training workshop took place on 28<sup>th</sup> Feb to 1<sup>st</sup> March 2024 at Department of ECE, DBIT.

The Members of the training team were Mr. Panduranga N Y Founder and Director of Emboit Technologies Pvt Ltd and Ms. Nityashree, PCB designer, Embiot Technologies Pvt. Ltd.

The aim of this workshop to explore different IOT platforms, understand their capabilities and create own projects using popular tools.

On day one 28<sup>th</sup> Feb 2024 the session was started from 11:30AM with comprehensive Introduction to IOT. Then we learnt about the Proteus Design suite which is a proprietary software tool used for Electronic design automation for manufacturing PCBs, ICs etc. Also we learnt how to install proteus and simulation tool. In this advent of installation, we came to know how tasks were encountered and encouraged us to adopt search practices to solve problems as in industry. In the afternoon session, we performed a hands on experiments like LED operations, Lamp operations, voltage divider circuit, Arduino. In this process we understood the practical implications or functioning of components. Also we learnt about online Electronics component and Equipment purchasing website calling Digikey where we observed the various the various components that exist and their requirements in different sectors and the difference they make was observed. Thus, on day1 we got the knowledge of Electronics and simulations software that helped us to undertake projects in further semesters on IOT and its application.

On day-2, 29-02-24, We learnt Arduino Simulation in proteus by installing Arduino Simulation in proteus by installing Arduino Libraries, IDE and extraction of .hex file.

And also various experiments such as blinking of LEDs, DC Motor operations etc were conducted and observed practically on development board or kit.

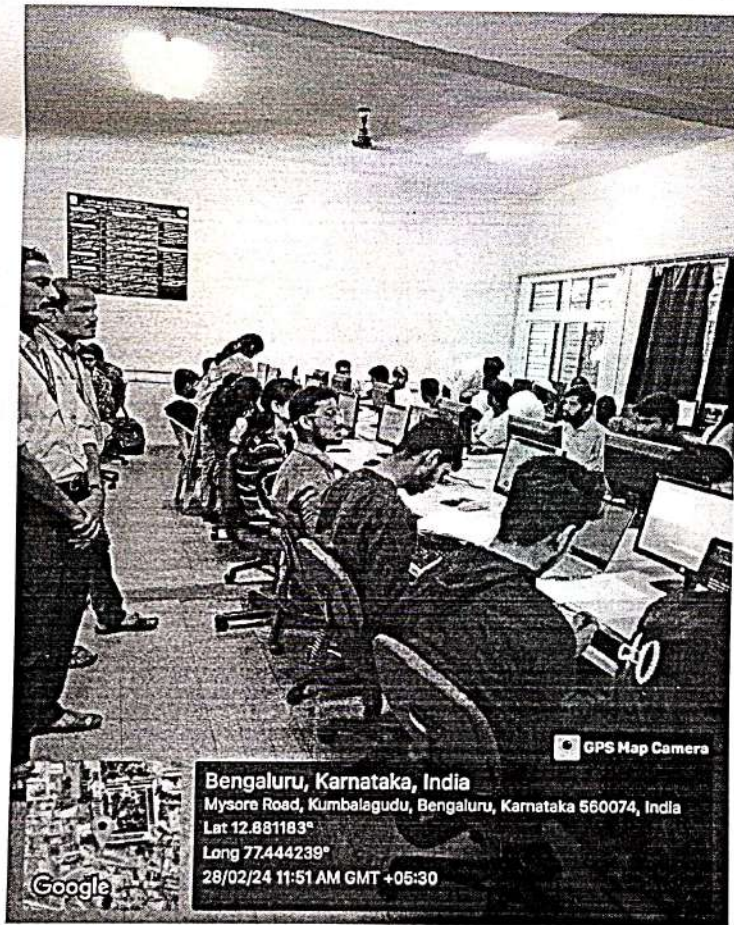
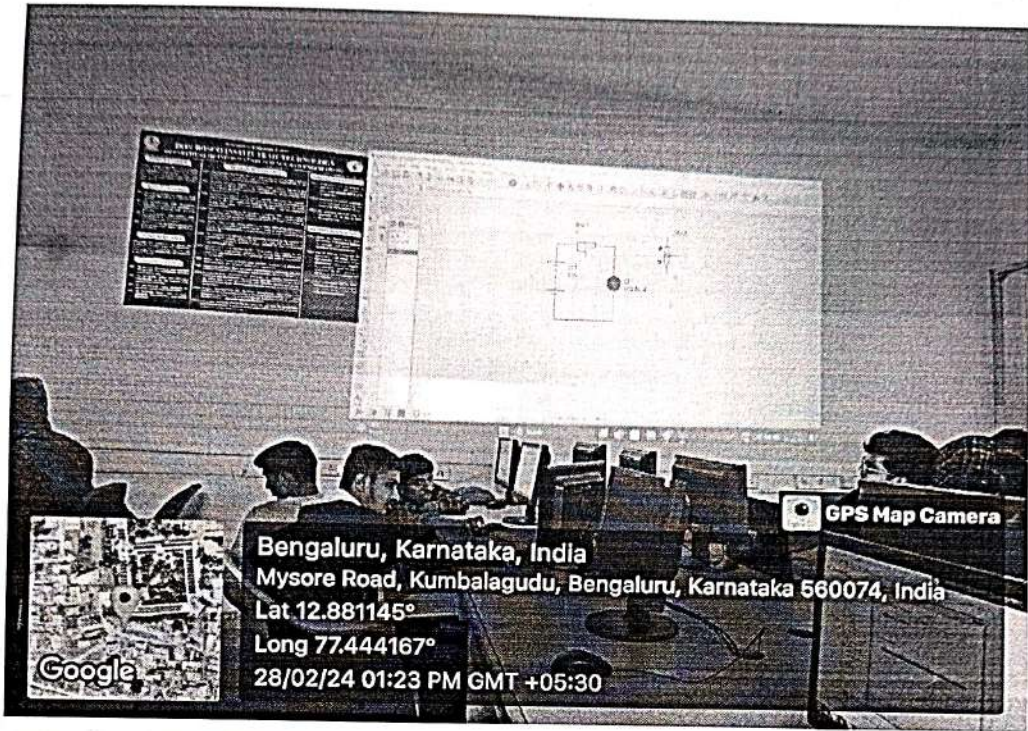
On Day-3 1<sup>st</sup> March 24, we had Hands on Raspberry Pi development in version 3. The following things were learnt. How to installation of Raspberry pi OS, Legacy VERSION3 into the board. Installation of File Zilla. Python execution of programme in Rasp shell.

From 3-days workshop we are able to understand that IOT have the devices that self report in real-time, improve efficiency and can bring important information to the surface more quickly than a system depending on human intervention. IOT also enables the development and deployment of smart devices to solve real-world challenges and issues.

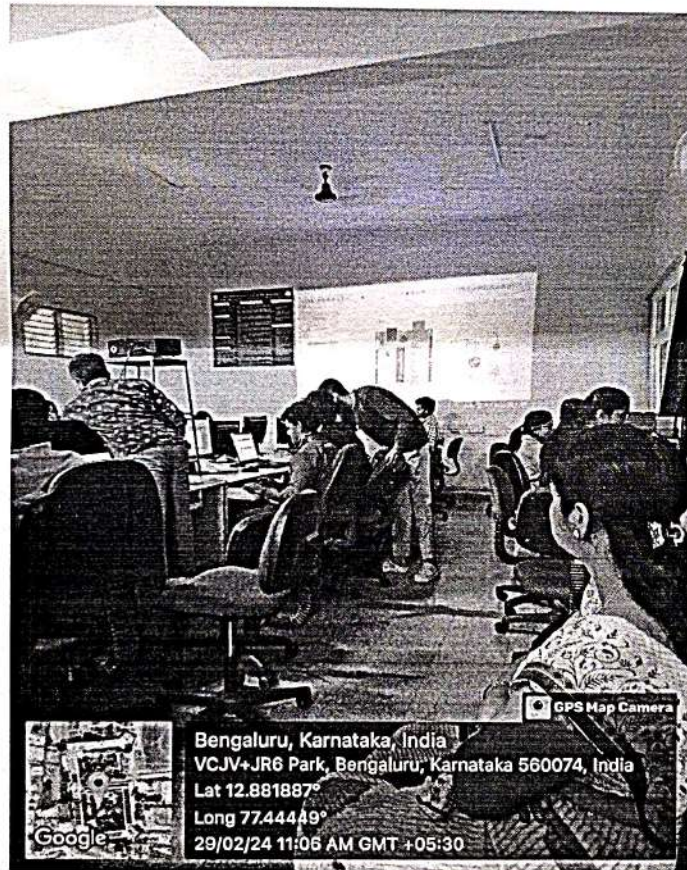
  
CO-ORDINATOR

  
HOD-ECE











Feedback Form of Workshop on "IoT and its Applications"

Name: KS Shreyas

USN: 10B21EC066

Branch: ECE

Semester: 5th

Section: B

1. Was the Practical hands-on Workshop up to the mark?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

2. Was the Trainer able to communicate clearly?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

3. Was the Trainer and his team able to answer your Queries?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

4. Did the Workshop provide the industry/domain knowledge of IoT?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

5. Did the Workshop include the present technologies (such as Programming languages, IDE, Microcontroller and Concepts)?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

6. Can the hands-on Workshop serve to undertake Projects in the field of IoT?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

7. Do you want such more workshops to be organized in future?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

## Feedback Form of Workshop on "IoT and its Applications"

Name: Chaitanya C

USN: 10B21ECC025

Branch: EC

Semester: V

Section: A

1. Was the Practical hands-on Workshop up to the mark?

1

Poor

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V. Good

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Excellent

2. Was the Trainer able to communicate clearly?

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Satisfactory

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V. Good

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Excellent

3. Was the Trainer and his team able to answer your Queries?

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Satisfactory

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V. Good

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Excellent

4. Did the Workshop provide the industry/domain knowledge of IoT?

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Satisfactory

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Excellent

5. Did the Workshop include the present technologies (such as Programming languages, IDE, Microcontroller and Concepts)?

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Excellent

6. Can the hands-on Workshop serve to undertake Projects in the field of IoT?

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Satisfactory

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V. Good

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Excellent

7. Do you want such more workshops to be organized in future?

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Satisfactory

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V. Good

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Excellent



## Feedback Form of Workshop on "IoT and its Applications"

Name: Keethik.M

USN: 1DB22BC411

Branch: EEC

Semester: 5

Section: C

1. Was the Practical hands-on Workshop up to the mark?

1

Poor

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Satisfactory

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Good

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V. Good

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Excellent

2. Was the Trainer able to communicate clearly?

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V. Good

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Excellent

3. Was the Trainer and his team able to answer your Queries?

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Excellent

4. Did the Workshop provide the industry/domain knowledge of IoT?

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5. Did the Workshop include the present technologies (such as Programming languages, IDE, Microcontroller and Concepts)?

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Excellent

6. Can the hands-on Workshop serve to undertake Projects in the field of IoT?

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7. Do you want such more workshops to be organized in future?

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Excellent

## Feedback Form of Workshop on "IoT and its Applications"

Name: SARVIJEETH KUMAR JHA.S

USN: IDB22EC422

Branch: ECE

Semester: 5<sup>th</sup>

Section: C

1. Was the Practical hands-on Workshop up to the mark?

1

Poor

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Satisfactory

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Excellent

2. Was the Trainer able to communicate clearly?

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Excellent

3. Was the Trainer and his team able to answer your Queries?

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4. Did the Workshop provide the industry/domain knowledge of IoT?

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5. Did the Workshop include the present technologies (such as Programming languages, IDE, Microcontroller and Concepts)?

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6. Can the hands-on Workshop serve to undertake Projects in the field of IoT?

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7. Do you want such more workshops to be organized in future?

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V. Good

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Excellent



# Feedback Form of Workshop on "IoT and its Applications"

Name: Haneesh Kumar D

USN: 1DB21EC050

Branch: ECE

Semester: 5

Section: A

1. Was the Practical hands-on Workshop up to the mark?  

<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input checked="" type="radio"/> 5
Poor	Satisfactory	Good	V. Good	Excellent
2. Was the Trainer able to communicate clearly?  

<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input checked="" type="radio"/> 5
Poor	Satisfactory	Good	V. Good	Excellent
3. Was the Trainer and his team able to answer your Queries?  

<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input checked="" type="radio"/> 5
Poor	Satisfactory	Good	V. Good	Excellent
4. Did the Workshop provide the industry/domain knowledge of IoT?  

<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input checked="" type="radio"/> 5
Poor	Satisfactory	Good	V. Good	Excellent
5. Did the Workshop include the present technologies (such as Programming languages, IDE, Microcontroller and Concepts)?  

<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input checked="" type="radio"/> 5
Poor	Satisfactory	Good	V. Good	Excellent
6. Can the hands-on Workshop serve to undertake Projects in the field of IoT?  

<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input checked="" type="radio"/> 5
Poor	Satisfactory	Good	V. Good	Excellent
7. Do you want such more workshops to be organized in future?  

<input type="radio"/> 1	<input type="radio"/> 2	<input type="radio"/> 3	<input type="radio"/> 4	<input checked="" type="radio"/> 5
Poor	Satisfactory	Good	V. Good	Excellent

## Feedback Form of Workshop on "IoT and its Applications"

Name: M. Bhasath

USN: 1DB22EC419

Branch: ECE

Semester: 5<sup>th</sup>

Section: 'C'

1. Was the Practical hands-on Workshop up to the mark?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

2. Was the Trainer able to communicate clearly?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

3. Was the Trainer and his team able to answer your Queries?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

4. Did the Workshop provide the industry/domain knowledge of IoT?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

5. Did the Workshop include the present technologies (such as Programming languages, IDE, Microcontroller and Concepts)?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

6. Can the hands-on Workshop serve to undertake Projects in the field of IoT?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

7. Do you want such more workshops to be organized in future?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent



## Feedback Form of Workshop on "IoT and its Applications"

Name: H.S RIPADARAJAN

USN: 1DB21E0A8

Branch: ECE

Semester: VI

Section: 'A'

1. Was the Practical hands-on Workshop up to the mark?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

2. Was the Trainer able to communicate clearly?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

3. Was the Trainer and his team able to answer your Queries?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

4. Did the Workshop provide the industry/domain knowledge of IoT?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

5. Did the Workshop include the present technologies (such as Programming languages, IDE, Microcontroller and Concepts)?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

6. Can the hands-on Workshop serve to undertake Projects in the field of IoT?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

7. Do you want such more workshops to be organized in future?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

# Feedback Form of Workshop on "IoT and its Applications"

Name: MANJUNATH SHANTAYYA HIREMATH

USN: IDB22EC417

Branch: ECE

Semester: 5<sup>th</sup>

Section: C

1. Was the Practical hands-on Workshop up to the mark?

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2. Was the Trainer able to communicate clearly?

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3. Was the Trainer and his team able to answer your Queries?

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# Feedback Form of Workshop on "IoT and its Applications"

Name: Jitesh G

USN: 1DB22EC409

Branch: ECE

Semester: 5th

Section: 'C'

1. Was the Practical hands-on Workshop up to the mark?

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2. Was the Trainer able to communicate clearly?

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3. Was the Trainer and his team able to answer your Queries?

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4. Did the Workshop provide the industry/domain knowledge of IoT?

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V. Good

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Excellent

# Feedback Form of Workshop on "IoT and its Applications"

Name: Kushore S

USN: IDB22EC412

Branch: ECE

Semester: 5<sup>th</sup>

Section: 'C'

1. Was the Practical hands-on Workshop up to the mark?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

2. Was the Trainer able to communicate clearly?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

3. Was the Trainer and his team able to answer your Queries?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

4. Did the Workshop provide the industry/domain knowledge of IoT?

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5. Did the Workshop include the present technologies (such as Programming languages, IDE, Microcontroller and Concepts)?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

6. Can the hands-on Workshop serve to undertake Projects in the field of IoT?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

7. Do you want such more workshops to be organized in future?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent



## Feedback Form of Workshop on "IoT and its Applications"

Name: Mahammad Ibrahim

USN: 1DB21EC084

Branch: ECE

Semester: V

Section: B

1. Was the Practical hands-on Workshop up to the mark?

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Satisfactory

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Excellent

2. Was the Trainer able to communicate clearly?

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3. Was the Trainer and his team able to answer your Queries?

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7. Do you want such more workshops to be organized in future?

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Good

4

V. Good

5

Excellent

## Feedback Form of Workshop on "IoT and its Applications"

Name: MOHAMMED KAIF

USN: 1DB2IEC092

Branch: ECE

Semester: 5<sup>th</sup>

Section: B

---

1. Was the Practical hands-on Workshop up to the mark?

1

Poor

2

Satisfactory

3

Good

~~4~~

V. Good

5

Excellent

2. Was the Trainer able to communicate clearly?

1

Poor

2

Satisfactory

3

Good

~~4~~

V. Good

5

Excellent

3. Was the Trainer and his team able to answer your Queries?

1

Poor

2

Satisfactory

~~3~~

Good

4

V. Good

5

Excellent

4. Did the Workshop provide the industry/domain knowledge of IoT?

1

Poor

2

Satisfactory

3

Good

~~4~~

V. Good

5

Excellent

5. Did the Workshop include the present technologies (such as Programming languages, IDE, Microcontroller and Concepts)?

1

Poor

2

Satisfactory

3

Good

4

V. Good

~~5~~

Excellent

6. Can the hands-on Workshop serve to undertake Projects in the field of IoT?

1

Poor

2

Satisfactory

3

Good

~~4~~

V. Good

5

Excellent

7. Do you want such more workshops to be organized in future?

1

Poor

2

Satisfactory

3

Good

4

V. Good

~~5~~

Excellent



Feedback Form of Workshop on "IoT and its Applications"

Name: Srinidhi. C

USN: 1DB22ECL425

Branch: ECE

Semester: 5<sup>th</sup>

Section: C

1. Was the Practical hands-on Workshop up to the mark?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

2. Was the Trainer able to communicate clearly?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

3. Was the Trainer and his team able to answer your Queries?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

4. Did the Workshop provide the industry/domain knowledge of IoT?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

5. Did the Workshop include the present technologies (such as Programming languages, IDE, Microcontroller and Concepts)?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

6. Can the hands-on Workshop serve to undertake Projects in the field of IoT?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

7. Do you want such more workshops to be organized in future?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

# Feedback Form of Workshop on "IoT and its Applications"

Name: Impiana P

USN: 1DB21EC058

Branch: ECE

Semester: V

Section: A

1. Was the Practical hands-on Workshop up to the mark?

1       2       3       4       5  
Poor      Satisfactory      Good      V. Good      Excellent

2. Was the Trainer able to communicate clearly?

1       2       3       4       5  
Poor      Satisfactory      Good      V. Good      Excellent

3. Was the Trainer and his team able to answer your Queries?

1       2       3       4       5  
Poor      Satisfactory      Good      V. Good      Excellent

4. Did the Workshop provide the industry/domain knowledge of IoT?

1       2       3       4       5  
Poor      Satisfactory      Good      V. Good      Excellent

5. Did the Workshop include the present technologies (such as Programming languages, IDE, Microcontroller and Concepts)?

1       2       3       4       5  
Poor      Satisfactory      Good      V. Good      Excellent

6. Can the hands-on Workshop serve to undertake Projects in the field of IoT?

1       2       3       4       5  
Poor      Satisfactory      Good      V. Good      Excellent

7. Do you want such more workshops to be organized in future?

1       2       3       4       5  
Poor      Satisfactory      Good      V. Good      Excellent



## Feedback Form of Workshop on "IoT and its Applications"

Name: GOOTHAM-N

USN: 1DB21EC047

Branch: ECE

Semester: 5th

Section: A

1. Was the Practical hands-on Workshop up to the mark?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

2. Was the Trainer able to communicate clearly?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

3. Was the Trainer and his team able to answer your Queries?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

4. Did the Workshop provide the industry/domain knowledge of IoT?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

5. Did the Workshop include the present technologies (such as Programming languages, IDE, Microcontroller and Concepts)?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

6. Can the hands-on Workshop serve to undertake Projects in the field of IoT?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

7. Do you want such more workshops to be organized in future?

1 Poor       2 Satisfactory       3 Good       4 V. Good       5 Excellent

# **DON BOSCO INSTITUTE OF TECHNOLOGY**

Kumbalgudu, Mysuru Road, Bengaluru-74, Karnataka



REPORT

ON

**“Hands-on Network Simulator-2, Concepts & Its Applications in Computer Networks”**

Organized by

**“Department of AI & DS, DBIT, Bangalore-560074”**

Coordinated by

Mr.Sampath Kumar.S.,Assistant Professor, Department of AI & DS.

Organized by

Dr. Gowramma.G.S

HOD, Department of AI & DS.

Held at

Computer Networks Lab (B217),

AI & DS Dept. DBIT, Bengaluru.

**On 29<sup>th</sup> December, 2023**

**AY-2023-2024**



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**Authentication Page**  
**A REPORT ON - "Hands on Network Simulator-2,**  
**Concepts & It's Applications in Computer Networks"**

**Coordinated by:**

Mr. Sampath Kumar.S, Assistant Professor,  
Department of Artificial Intelligence and Data Science

**Date and Venue :** Held at Don Bosco Institute of Technology on  
29<sup>th</sup> December, 2023.

**Chief Guest:**

Dr.Siddalingappa Gouda Biradar,  
Associate Professor, Department of ECE, DSATM, Bengaluru.

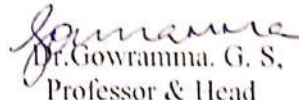
**Academic Year: 2023-2024**

**Signature of the Coordinator with date:**



Mr.Sampath Kumar.S.  
Assistant Professor,  
Department of AI & DS

**Signature of the Organizer with date:**



Dr.Gowramma. G. S.,  
Professor & Head  
Department of AI & DS

**Signature of the Head-IQAC with date:**



**Director - IQAC**  
Don Bosco Institute of Technology  
Mysore Road, Kumbalagodu  
Bengaluru-560 074

**Signature of the Principal with date:**



**PRINCIPAL**  
Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074





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Accredited by  
NBA  
New Delhi



## Department of Artificial Intelligence and Data Science

Workshop on

### **“HANDS –ON NETWORK SIMULATOR 2, CONCEPTS & ITS APPLICATIONS IN COMPUTER NETWORKS”**

**Date : 29-12-2023    Venue: Computer Networks Lab, AI & DS.    Time : 09.00 AM - 5.00 PM**

**Resource Person**

**Dr.Siddalingappagouda Biradar**

Associate Professor at E&C Department

and

Deputy Controller of Examination,

Dayananda Sagar Academy of Technology and Management, Bengaluru.

**PRESIDED BY**

**Sri. B. Bylappa**

President. WET

**Sri. P.B. Manjunanth**

Executive Director. DBIT

**Sri. Raghav Bylappa**

Secretary. WET

**ORGANIZING CHAIRS**

**Dr. Gowramma G S**  
HoD, Dept. AI & DS , DBIT

**Dr. Nataraj K R**  
Dean & Director , DBIT

**Dr. B S Nagabhushana**  
Principal, DBIT

**Faculty Co-ordinator**

**Prof. Sampathkumar S**  
Assistant Professor  
Dept. AI & DS , DBIT



## Permission Letter



Wayanamac Education Trust @  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Mysore Road Kumbalagodu 4, Bengaluru-560 074.  
Department of Artificial Intelligence and Data Science



Date: 21-12-2023

From,  
AI & DS Department,  
DBIT.

To,  
Principal  
DBIT, Kumbalagodu,  
Bangalore-560074


Respected Sir,


Subject: Request for conducting Workshop on "Hands -on Network Simulator 2, Concepts & Its Applications in Computer Networks" in our department.

We the undersigned kindly request you to permit us to conduct the Workshop on "Hands -on Network Simulator 2, Concepts & Its Applications in Computer Networks " for 5<sup>th</sup> semester students in our department on 29-12-2023.

Thanking you

Yours truly,

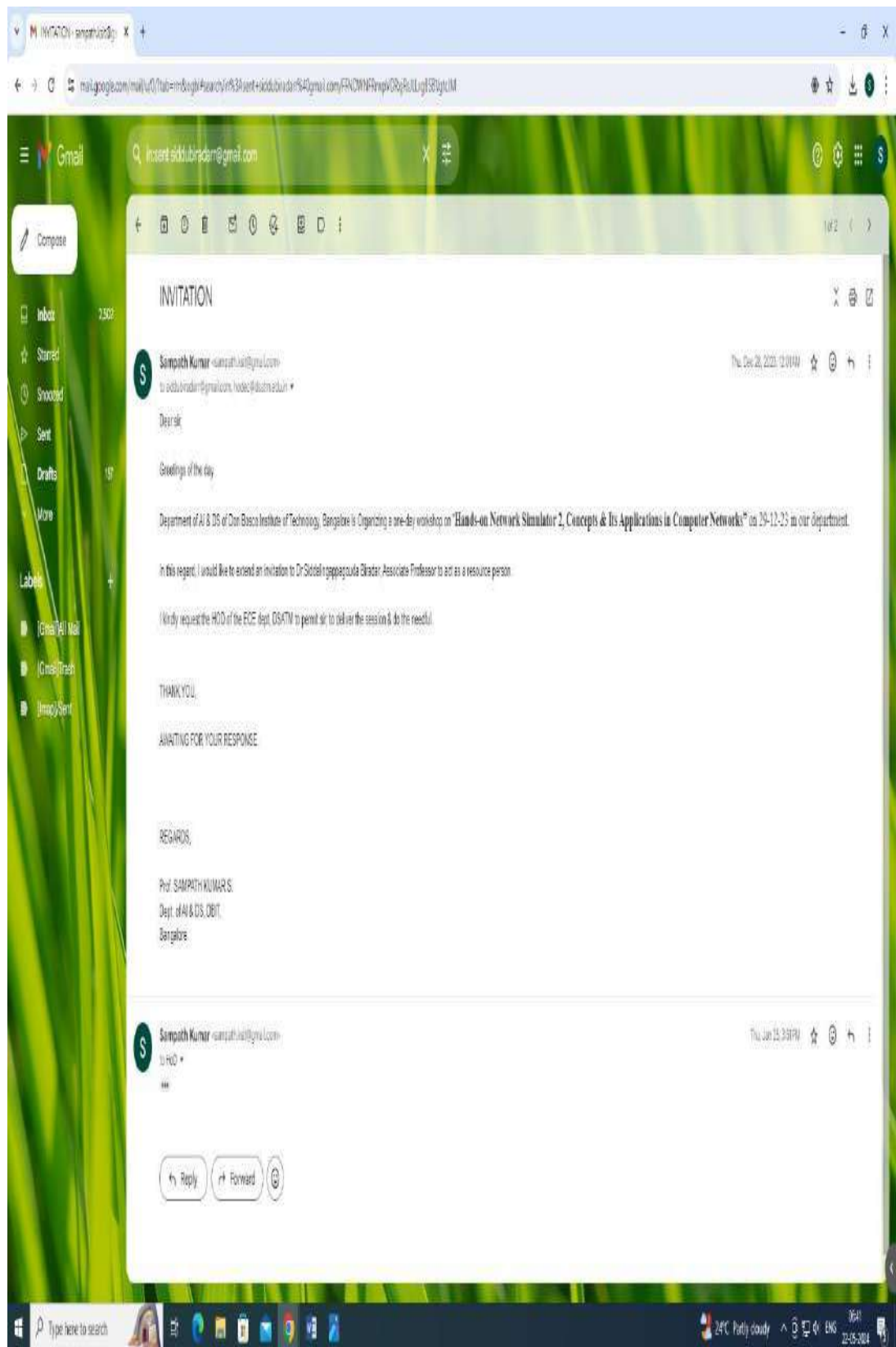
  
Coordinators  
Prof. Sampath Kumar. S.  
Dept. of AI & DS

  
HoD 21/12/23  
Dr. Gowratna G S  
Professor & HoD  
Dept. of AI & DS  
Head of the Department  
Dept. of Artificial Intelligence & Data Science  
Don Bosco Institute of Technology,  
Kumbalagodu, Mysore Road,  
Bangalore-560074

  
20/12/23  
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Bangalore - 560 074.



# Executive Approach



## PROFILE

**Dr.Siddalingappagouda Biradar**  
**M.Tech, PhD, [PostDoc]**  
**Associate Professor at E&C Department**  
**and**  
**Deputy Controller of Examination,**  
**Dayananda Sagar Academy of Technology**  
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Dr. Siddalingappagouda Biradar is currently working as an Associate Professor in the Department of Electronics and Communication Engineering, Dayananda Sagar Academy of Technology and Management Bangalore. He has completed 12 years of Teaching Experience, Previously he was working in Don Bosco Institute of Technology Bangalore, 2011-2019. He earned his BE [Electronics & Communication Engg.] from B.L.D.E.A's Dr. P.G Halakatti College of Engineering & Technology, Vijayapura in 2007, M.Tech[DC&N] from KLS Gogte Institute of Technology, Belagavi in 2011 and Ph.D from Visvesvaraya Technological University(VTU) Belagavi in 2019, Currently Pursuing PostDoc[In 5G/6G Technology] from Srinivas University, Mangalore respectively. He has published more than 30 research articles in International Conference Proceedings and Journals, awarded with best paper. He is a professional member of **IEEE** and a life member of the **INSC, IFERP, IMAPS, IETE** and **ISTE**. He has conducted more than “40” workshops as a resource person on “**5G Technologies/Network Automation**” and “**Simulation of Computer Network using Network Simulator Tools**” across different engineering colleges within and outside Karnataka. He is **5G** and **Cisco Certified Trainer** with completion of **Cisco Devnet, CCNA** and **CCNP** Courses. He has worked as reviewer for International Conference and Journals.



## Program Flow

SL. No.	Date	Timings	Topic	Resource Person
1.	29-12-2023	9.00 am to 10.00 pm	Inauguration of Workshop NS2- Introduction What is NS2 & it's concepts? Application of NS2 in Computer Networks.	<b>Dr.Siddalingappagouda Biradar,</b> Associate Professor, Department of Electronics and Communication Engineering, Dayananda Sagar Academy of Technology and Management, Bangalore.
2	29-12-2023	10.00 am to 12.30 pm	Part – A Programs Hands on.	
		1.30 pm to 4.30 pm	Part – B Programs Hands on.	
4	29-12-2023	4.30 am to 5.00 pm	Valedictory Function	



# Don Bosco Institute of Technology, Bangalore

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Women Empowerment Cell/Anti Sexual Harassment – Committee

“ Rheumatic Diseases & Musculoskeletal Health - A less emphasized aspect on routine health checks!”



## INTRODUCTION TO SIMULATION TOOLS

### WHY NETWORK SIMULATOR?

- Network research area •
- Real time Environment
- Single Test Bed: Large amount of time. •
- Implementation not easy & Very Costly

### INTRODUCTION

- Ns2 is an event driven simulator, which is a open source simulator mainly used for academic research in the areas of Computer Networks, MANETs, WSNs. This provides many possibilities for doing simulation of different protocols before they are actually implemented in real time.
- Network Simulation is a technique where a program models the behavior of a network either by calculating the interaction between the different network entities (hosts/routers, data links, packets, etc) using mathematical formulas, or actually capturing and playing back observations from a production network.
- When a simulation program is used in conjunction with live applications and services in order to observe end-to-end performance to the user desktop, this technique is also referred to as network emulation.

### WHAT'S THE PURPOSE OF NS2?

- To set-up a network topology on your own and analyse the behaviour.
- To evaluate or to test a performance of exiting network protocol such as traffic generators (e.g.,web, telnet),delay, jitter, packet data, link loss models etc by modelling the network
- To develop or to prototype a new Network Protocol and evaluate the protocol with support for the most popular protocols in use today, such as IPv4, IPv6, UDP, and TCP.
- Large-scale or virtual environment simulations not possible in real experiment.
- Design different network technology
- Network simulators can also provide other tools to facilitate visual analysis of trends and potential trouble spots.
- Certain simulators have added functionality of capturing this type of data directly from a functioning production environment, at various times of the day, week, or month, in order to reflect average, worst-



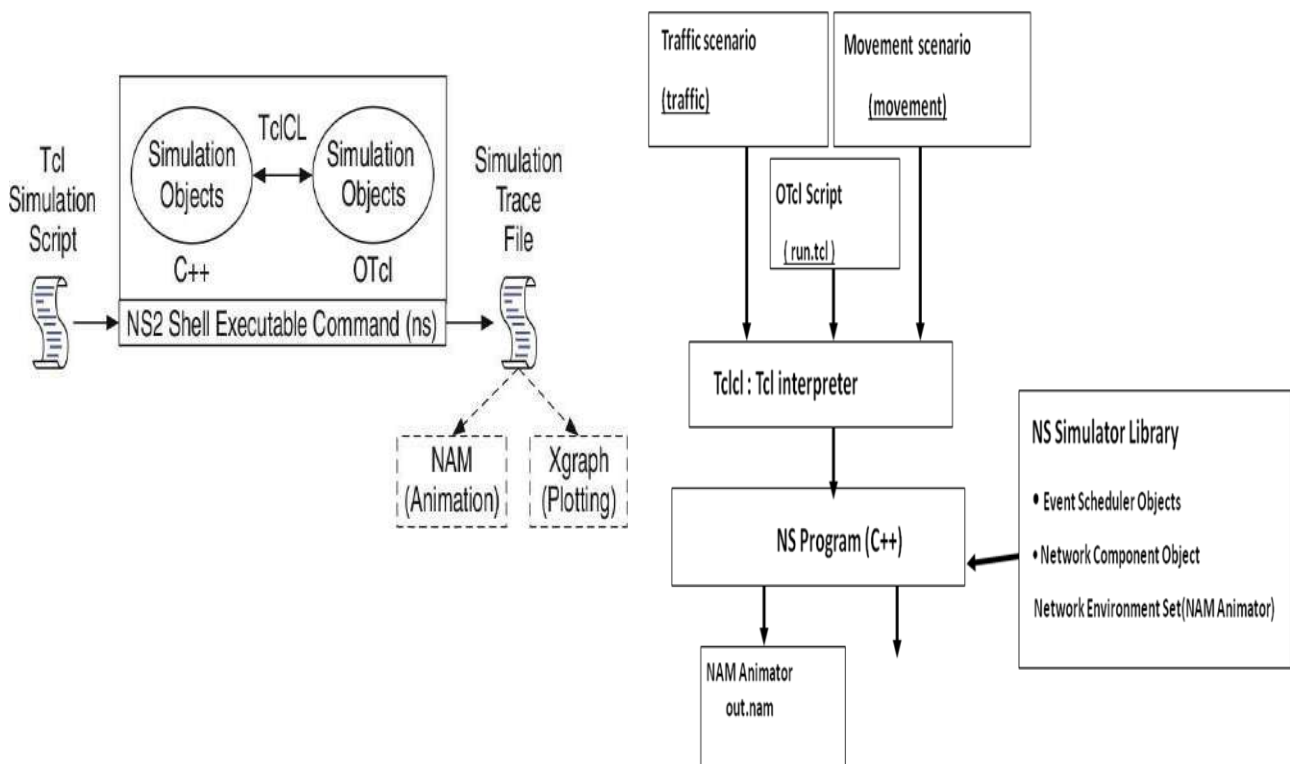
case, and best-case conditions.

- Most of the commercial simulators are GUI driven, while some network simulators require input scripts or commands (network parameters that describes the state of the network such as node placement, existing links and the events such as data transmissions, link failures, etc).
- The most popular Open-Source Simulators available in the market are NS (also called NS-2), PDNS (Parallel/Distributed NS), GloMoSim, SSFNet (Scalable Simulation Framework Net Models), DaSSF (Dartmouth SSF), OMNET++ and others.
- The popular Commercial Network Simulators are OpNet Modeler, QualNet, NetWiser, Shunra, NetScale, NetSim and others.

## FEATURES OF NS2

- Discrete event scheduler, packet level simulator
- It provides substantial support to simulate set of protocols (TCP, FTP, UDP, HTTP & DSR)
- It simulates wired and wireless network and emulation modes
- It is primarily Unix based.
- Written in C++ with Otcl front-end(Object oriented support) and uses TCL as its scripting language. Known as Tclcl: C++ and otcl linkage

### NS2 ARCHITECTURE



- Object-oriented (C++ and Otcl)

- oTCL in the Front End(For Control)
  - Control part of NS2
  - Topology (Simulation scenario) configurations, “one-time” task
  - Event driven: Periodic or Triggered action
  - Manipulates existing C++ objects
  - Easy and fast to write and edit
  - Fast to run, quick to re-configure
  - Fine grained object composition, Network topology, Network objects •

#### C++ in the Back End (For Data)

- Core of NS2, data part of NS2
- Easy to modify the code: Not fully layered and structured
- Packet processing and execution
- Per packet action
- Algorithms over large data sets, per packet handling in C++ • It

Compromise between compatibility and speed

- Require hard work in Learning and debugging

## DESIGN OF NS-2

The NS2 makes use of flat earth model in which it assumes that the environment is flat without any elevations or depressions. However the real world does have geographical features like valleys and mountains. NS2 fails to capture this model in it. So NS3 simulator is used.

### Creating the Topology

- Decide what do you want to simulate
  - Wired or wireless network
  - What are the protocols?
  - How many nodes, what are the measuring parameters?
  - What are the applications involved, etc?
- Make a rough sketch of the topology
  - Based on the requirement edit the existing C++ files and/or the .tcl files or create newC++ files/.tcl files

### Directory Structure

- Main directories
  - bin, ns-2xx, lib, man, include, etc in ns2 home
- ns-2.xx
  - Readme file

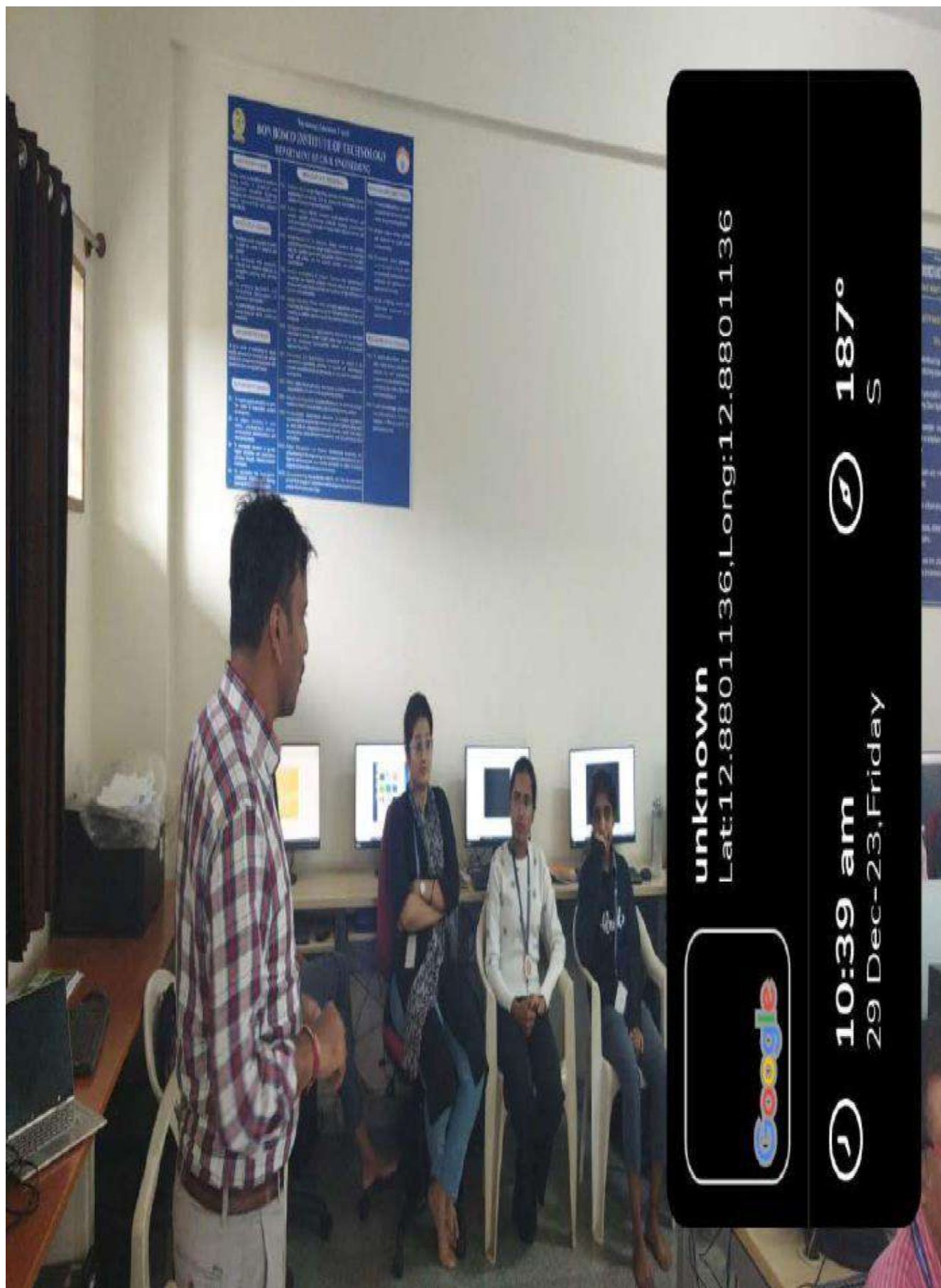


- Makefile, installation file, tutorial, etc
- Source files related to the protocols
  - All .cpp and .h files related needed for editing
- Need understanding of interaction among the functions/sub routines
- Not fully layered like QualNet

# PHOTO GALLERY









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## Department of Artificial Intelligence and Data Science

### PARTICIPANT (5TH SEMESTER STUDENT) LIST

Academic Year – 2023 - 2024

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36	1DB21AD036	PREMKUMAR M K	9353828610	<a href="mailto:premkumarmk1911@gmail.com">premkumarmk1911@gmail.com</a>
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47	1DB21AD047	SHREYAS GOWDA H	9611572753	<a href="mailto:samshreyas9611@gmail.com">samshreyas9611@gmail.com</a>
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49	1DB21AD049	UDAY HARISH GOWDA	9353991051	<a href="mailto:udayharish.uh@gmail.com">udayharish.uh@gmail.com</a>
50	1DB21AD050	ULLAS S	6362853414	<a href="mailto:ullasshivakumar177@gmail.com">ullasshivakumar177@gmail.com</a>
51	1DB21AD051	UTTAM A	6363516013	<a href="mailto:uttamarasu30@gmail.com">uttamarasu30@gmail.com</a>
52	1DB21AD052	VAISHNAVI KRISHNANAND SHENVI	9880039621	<a href="mailto:vaishnavishenvi02@gmail.com">vaishnavishenvi02@gmail.com</a>
53	1DB21AD053	VANDANA CATHERINE	7353264124	<a href="mailto:vandanacatherine1005@gmail.com">vandanacatherine1005@gmail.com</a>
54	1DB21AD054	VINAY G R	9743126346	<a href="mailto:vinay2003gr@gmail.com">vinay2003gr@gmail.com</a>
55	1DB22AD400	CHANDANA V	7022721886	<a href="mailto:chandanasshetty13031999@gmail.com">chandanasshetty13031999@gmail.com</a>
56	1DB22AD401	JYOTHIKA M P	9380462967	<a href="mailto:jyothikajyothika584@gmail.com">jyothikajyothika584@gmail.com</a>
57	1DB22AD402	MOHAMMED FAIZAAN	7022197001	<a href="mailto:mohammedfaizaan23@gmail.com">mohammedfaizaan23@gmail.com</a>
58	1DB22AD403	MUKTHA S A	7899034993	<a href="mailto:mukthaashok07@gmail.com">mukthaashok07@gmail.com</a>
59	1DB22AD404	PREETHI MN	9740403746	<a href="mailto:preethimn9741@gmail.com">preethimn9741@gmail.com</a>
60	1DB22AD405	YATHISH B	8618769271	<a href="mailto:yathishb926@gmail.com">yathishb926@gmail.com</a>

## **SUMMARY:**

The workshop was well-organized and informative, and the attendees left feeling more knowledgeable and aware of the importance of NS-2 for Computer Networks. Overall, the workshop was a great success in spreading awareness about Computer Networks. The event was a testament to the institute's commitment to promoting knowledge and well-being for all, and we look forward to organizing more events like these in the future.



# Budget

ANNEXURE - I		
APPLICATION FOR		
1) OBTAINING THE PRIOR APPROVAL FOR CONDUCTING / PARTICIPATING IN THE EVENT		
2) REQUEST FOR ADVANCE TO ORGANISE/PARTICIPATE IN THE EVENT & OTHER PURPOSES		
Name of the institution	Don Bosco Institute of Technology	
Name of the Department	Department of Artificial Intelligence and Data Science	
Name of the Employee authorised to receive the advance & account for it	Dr. Gowramma G S	
Details of Bank Account of the authorised person to receive the advance	Name of the Bank	ICICI Bank
	Account Number	263701510071
	IFSC Code	ICIC0002637
<b>EVENT ORGANISED BY OUR INSTITUTIONS:</b>		
Description of the event proposed to be organised	Workshop on "Hands -on Network Simulator 2, Concepts & Its Applications in Computer Networks"	
Proposed dates of conducting the event	29-12-2023	
Venue of the event	Computer Network Lab	
Reasons for organising the event	To enhance the knowledge of network simulator 2 regarding computer networks.	
How organising the event is going to benefit the Institution?	Students & faculties are benefited to conduct lab and enhance the knowledge of Computer network .	
Whether the proposed event involves outstation deputation of students/staff	No	
If so, mention the duration of outstation deputation	NO	
<b>EVENT ORGANISED BY OTHER INSTITUTIONS:</b>		
Name of the institution organising the event	NA	
Proposed dates of conducting the event	NA	
Venue of the event	NA	
Reasons for participating in the event	NA	
Whether the proposed event involves outstation deputation of students/staff	NA	
If so, mention the duration of outstation deputation	NA	
How participating in the event is going to benefit the institution?	NA	

**ESTIMATE OF EXPENDITURE PROPOSED TO BE INCURRED:**

The following are the estimates of expenditure for organizing / participating in the event mentioned above:

SNO	Description of the Expenditure	Amount
1	Speaker Remuneration	3000
2	Lunch for the Resource Person	100
3	Tea and Snacks	100
4	Certificate	-
5	Memento and Miscellaneous	800
Total of estimated expenditure		4000
Advance amount requested for organizing / participating in the event mentioned		

We request as under:

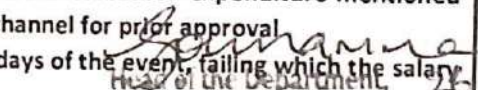
- 1) Approval for organising / participating in the event / other purposes mentioned above
- 2) Approval for incurring expenditure as estimated above
- 3) Approval for release of advance of Rs. 4000 towards organising / participating in the event / other purposes. The advance may be credited to the Bank Account of the official mentioned above.

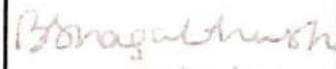
We also undertake that:

- 1) All out efforts will be made to ensure that the expenditure under various heads will be within the estimated expenses
- 2) In the event of any unforeseen expenditure is required to be incurred, other than the estimated expenditure mentioned above, the fact will be brought to the notice of the Management through proper channel for prior approval
- 3) The final bill will be submitted to facilitate reversal of advance availed, within 10 days of the event, failing which the salary payable to the authorised official may be held up till submission of final bill.

Date: 26-12-23

  
Authorised Official

  
Head of the Department,  
Dept. of Artificial Intelligence & Data Science  
Don Bosco Institute of Technology,  
Kumbalagodu, Mysore Road,  
Bangalore - 560074  
HOD, AI & DS Dept. 26.12.23

Cost of items marked (*) found to be in order  Manager, Infra & Facility Dated: _____	Recommended  Principal, <u>30/12/23</u> Dated: _____ <b>PRINCIPAL</b>	Scrutinised & Recommended  Group Finance Dated: _____	Approved as Recommended  Secretary / Vice President Dated: _____
--	--	--	---

Don Bosco Institute of Technology FOR USE BY ACCOUNTS THE DEPARTMENT Kumbalagodu, Mysore Road, Bangalore - 560 074.		
1. Application verified & in order 2. Entered in Tally under Voucher No. _____ 3. Entered in the Register for follow-up	Verified & Entered By  Name: _____ Date: _____	Verified  Manager (Accounts) Date: _____





Wayanamac Education Trust (R)

**DON BOSCO INSTITUTE OF TECHNOLOGY**

Kumbalagodu, Mysuru Road, Bengaluru-560074

Ph: +91-80-28437028/29/30 Website:www.dbit.co.in Email: iqac@dbit.co.in



Approved by  
AICTE  
New Delhi



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Belagavi



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Government of  
Karnataka



Accredited by  
NAAC  
Bengaluru



Accredited by  
NBA  
New Delhi



## **A Report on**

**Placement Awareness Program**

**“ Key Skills For Securing Your Dream Job”**

**Organised by**

**Department of Artificial Intelligence and Data Science**

**In Association with**

**The Institution Innovation Council**

**&**

**The Department Student Forum DataSphere**

**Coordinated by**

**Dr. Ranjini P S**

**Professor**

**Department of AI & DS**

**Event Conducted on: 23.11.2024**

**Venue: Chanakya Seminar Hall**

**Academic Year 2024 - 25**

**Authentication Page**

**A Report on :** Placement Awareness Program “Key Skills For Securing Your Dream Job”

**Organized by:** Department of Artificial Intellegence & Data Science

**Coordinated by:** Dr. Ranjini P S

**Held at Venue:** Chanakya Seminar Hall

**Event Date:** 23.11.2024

**Duration of event:** 2 Hour 30 Minutes

**Name and Address of Resource person(s) with Mail id:**

Ms. Reshma Murali

Software Engineer, Mercedes Benz AG,  
Bangalore.

Email: reshu1229@gmail.com

**Signature of the Coordinator with date:**

*Ranjini*  
10/12/2024

**Signature of the HOD with date:**

*Sourav*  
10/12/24

**Signature of the Head-IQAC with date:**

*Mul*  
10/12/24  
Director - IQAC  
Don Bosco Institute of Technology  
Mysore Road, Kumbalagodu  
Bengaluru-560 074

**Signature of the Principal with date:**

*B. Nagabhusha*  
**PRINCIPAL**  
Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074



## **Contents of the Report**

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# Circular



Wayanamac Education Trust ®  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Kumbalagodu, Mysore Road, Bengaluru-560 074.



**Department of Artificial Intelligence and Data Science**

DBIT/AI&DS/2024-25/014A

Date: 22.11.2024

## **Circular**

This is to inform you that the Department of AI & DS will be organizing a Placement Awareness Program on “Key Skills For Securing Your Dream Job” on 23.11.2024 from 11.30 a.m - 1.00 p.m. Ms. Reshma Murali, Software Engineer, Mercedes Benz AG, Bangalore will be the speaker of the event.

*Soumanee*  
HoD

*Bhargabhushnee*  
Principal 22/11/24

**PRINCIPAL**  
Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074.

Copy to

- HoDs of Allied Branches



# Invitation



WAYANAMAC EDUCATION TRUST®

## **DON BOSCO INSTITUTE OF TECHNOLOGY**

(Affiliated to VTU, Belagavi, Approved by AICTE New Delhi & Recognised by Govt. of Karnataka, Accredited by NBA & NAAC)

Kumbalagodu, Mysuru Road, Bengaluru - 560074

Approved by  
AICTE  
New Delhi



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VTU  
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Recognised by the  
Government of  
Karnataka



Accredited by  
NAAC  
Bangalore



Accredited by  
NBA  
New Delhi



## Department of Artificial Intelligence and Data Science



INSTITUTION  
INNOVATION  
COUNCIL  
(Ministry of HRD Initiatives)

Placement Awareness Program on

### **“KEY SKILLS FOR SECURING YOUR DREAM JOB”**



DATASPHERE  
EST 2024  
Technical Forum

Date : 23-11-2024

Venue : Seminar Hall

Time : 11.30AM

### **Resource Person**

Ms. Reshma Murali  
Software Engineer Mercedes-Benz AG,  
Bangalore

#### **PRESIDED BY**

**Sri. B. Bylappa**  
President. WET

**Sri. P.B. Manjunath**  
Executive Director. DBIT

**Sri. Raghav Bylappa**  
Secretary. WET

#### **ORGANIZING CHAIRS**

**Dr. Gowramma G S**  
HoD, Dept. AI & DS , DBIT

**Dr. Nataraj K R**  
Dean & Director , DBIT

**Dr. B S Nagabhushana**  
Principal, DBIT

#### **Faculty Co-ordinator**

**Dr. Ranjini P S**  
Professor  
Dept. AI & DS , DBIT



## **Introduction:**

The career guidance program was organized to address the growing need for individuals to make informed career decisions in an ever-evolving job market. With rapid technological advancements and changing industry trends, students and young professionals often find themselves uncertain about the best career paths to pursue. The program aims to equip participants with the necessary tools and insights to assess their strengths, interests, and market opportunities. By providing expert guidance and real-world advice, the event seeks to help individuals make strategic choices that align with both their personal aspirations and industry demands. Ultimately, the goal is to empower participants to confidently navigate their career paths and plan for long-term success.

## **Preamble:**

The background behind this program lies in the growing need for structured support as individuals face increasing challenges in navigating their professional journeys. With the fast-paced evolution of industries, technological advancements, and the complexities of modern job markets, many students and young professionals struggle to identify the right career paths. This program was designed to bridge the gap between academic knowledge and practical career readiness, helping participants understand their strengths, explore potential career options, and develop essential skills. By offering expert advice, resources, and real-world insights, the program aims to equip individuals with the confidence and direction to make strategic decisions and succeed in their chosen professions.

## **Motivation:**

The motivation behind conducting this program is to help individuals make informed and thoughtful decisions about their professional futures. With the increasing complexity of career choices and industry demands, many students and young professionals often lack the knowledge to navigate their career paths effectively. The program aims to provide clarity, helping participants understand their strengths, interests, and market opportunities. By offering expert insights and practical advice, the event encourages proactive career planning and skill development. Ultimately, the motivation is to empower individuals to make confident career choices and set them up for long-term success in an ever-changing job market.



## Objectives

- **To Help Participants Identify Career Interests and Strengths:** The program aims to assist individuals in recognizing their skills, strengths, and interests, helping them make informed decisions about the careers that align with their personal qualities and aspirations.
- **To Provide Insight into Various Career Paths:** The program offers information about different industries, roles, and career opportunities, enabling participants to explore diverse fields and make better choices about their professional futures.
- **To Equip Participants with Career Development Tools:** The program seeks to provide practical guidance on skills development, resume building, interview techniques, and networking strategies, helping participants become more competitive in the job market
- **To Encourage Effective Career Planning and Goal Setting:** The program encourages individuals to set realistic career goals, develop actionable plans, and understand the steps required to achieve long-term professional success.

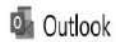
## Sponsors / Collaborators

(Name of the Sponsors / Collaborators with the nature of sponsorship)

**Not Applicable**

# Execution Approach / Schedule / Programme Flow

## Executive approach – Mail Communication with the Guest



---

Invitation as a Resource Person for Seminar on "Key Skills for Securing Your Dream Job" at AI & DS Department, DBIT.

---

From HoD - AI & DS <hod.ai-ds@dbit.co.in>

Date Fri 11/22/2024 2:23 PM

To reshu1229@gmail.com <reshu1229@gmail.com>

Dear Madam

It would be honour for the **Department of Artificial Intelligence and Data Science, DBIT, Bangalore** to have you on 23-11-2024 as resource person for the Seminar on "Key Skills for Securing Your Dream Job" for our AI & DS Department Students.

A word of Acceptance will be Appreciated.

Dr. Gowramma G S

Professor & Head

Department of Artificial Intelligence and Data Science

Don Bosco Institute of Technology

Kumbalagodu, Mysuru Road,

Bengaluru - 560074

Ph: +91 9902003202

hod.ai-ds@dbit.co.in



## PROGRAMME FLOW

**Date: 23-11 -2024**

**Venue: Chanakya Seminar Hall**

<b>Sl. No</b>	<b>Time Schedule</b>	<b>Event Description</b>	<b>In-charge</b>
<b>1</b>	<b>11.30 a.m. – 11.35 a.m.</b>	<b>Welcome Address</b>	<b>Mr. Uday S C 5<sup>th</sup> Semester Student</b>
<b>2</b>	<b>11.35 a.m. – 11.40 a.m.</b>	<b>Invocation</b>	<b>Ms. Navyashree &amp; Team 5<sup>th</sup> Semester Students</b>
<b>3</b>	<b>11.40 a.m. – 11.45 a.m.</b>	<b>Introduction of the Chief Guest</b>	<b>Ms. Deepashree R 5<sup>th</sup> Semester Student</b>
<b>3</b>	<b>11.45 a.m. – 1.55 p.m.</b>	<b>Motivational Talk by the Chief Guest &amp; Question &amp; Answer session</b>	
<b>6</b>	<b>1.55 p.m. – 2.00 p.m.</b>	<b>Vote of Thanks</b>	<b>Dr. Gowramma G.S</b>

# Deliberations of the event

## **BRIEF REPORT ABOUT THE PROGRAMME**

### **Placement Awareness Program on “ Key Skills For Securing Your Dream Job”**

On 23<sup>rd</sup> of November, we had the privilege of attending an insightful talk by Reshma Murali an industry veteran with over 2 years of experience in recruitment and career development. The "Key Skills For Securing Your Dream Job" session was geared towards equipping students with the necessary tools and strategies to navigate the challenging placement process effectively. Over the course of the talk, the expert shared invaluable advice on understanding the placement process, honing aptitude and technical skills, developing soft skills and building a strong resume. This report summarizes the key takeaways from the session.

#### **Understanding the Placement Process**

The expert began by emphasizing the importance of understanding the placement process in its entirety. She outlined the various stages that students typically encounter:

- **Pre-Placement Talks (PPTs):** These sessions are an opportunity to learn about the companies, their culture, job roles, and expectations. The expert advised students to attend these talks with a focused mind, noting down key points that align with their career goals.
- **Aptitude Tests:** Described as the "first filter," these tests assess a candidate's logical reasoning, quantitative skills, and verbal ability. The expert highlighted that a strong performance in these tests is crucial for advancing to the next stages.
- **Group Discussions (GD):** According to the expert, group discussions test not just communication skills but also one's ability to work in a team, present ideas logically, and handle pressure. He suggested practicing regularly in groups to improve these skills.
- **Technical Interviews:** For technical roles, interviews are often centered around a candidate's understanding of core subjects, problem-solving abilities, and technical know-how. The expert recommended deep diving into fundamental concepts and hands-on experience through projects.



- **HR Interviews:** The final stage usually involves HR interviews, where the focus is on evaluating a candidate's personality, cultural fit, and career aspirations. The expert advised students to be genuine, confident, and prepared to discuss their journey and goals.

### **Aptitude and Technical Skill Enhancement**

The expert moved on to discuss the significance of strengthening aptitude and technical skills, which are often the most daunting aspects of placement preparation.

**Aptitude Preparation** - The expert stressed the importance of regular practice for aptitude tests. She mentioned:

- **Daily Practice:** Consistent practice of quantitative, logical, and verbal questions is essential. The expert recommended using placement papers from previous years and online resources.
- **Time Management:** He pointed out that managing time effectively during aptitude tests can make a significant difference. He encouraged students to take timed mock tests to build speed and accuracy.
- **Identifying Weaknesses:** By identifying and working on weak areas, students can turn potential obstacles into strengths. The expert suggested dedicating extra time to topics that students find challenging.

**Technical Skills** - The expert emphasized the importance of having a strong grasp of core subjects:

- **Core Concepts:** Speaker advised students to revisit their textbooks and class notes, ensuring a solid understanding of fundamental concepts, particularly in subjects like data structures, algorithms, databases, and programming languages.
- **Practical Experience:** The expert underlined the value of hands-on experience. She encouraged students to engage in internships, projects, and coding competitions to apply their theoretical knowledge to practical problems.
- **Online Learning:** The expert also recommended taking advantage of online platforms that offer specialized courses and tutorials to enhance technical skills.

**Soft Skills and Personality Development** - The expert highlighted the growing importance of soft skills in the placement process. With companies looking for well-rounded candidates, developing interpersonal skills is as crucial as technical proficiency.

- **Communication Skills:** The expert encouraged students to improve both their verbal and non-verbal communication. He suggested participating in public speaking events, debates, and group discussions to build confidence and clarity in expression.
- **Teamwork and Leadership:** He discussed the importance of teamwork, advising students to actively participate in group projects, extracurricular activities, and leadership roles to develop these skills.
- **Critical Thinking and Problem-Solving:** The expert stressed the need for a strong analytical mindset. He suggested engaging with puzzles, case studies, and real-world scenarios that challenge students to think critically and creatively.
- **Mock Interviews:** To prepare for interviews, the expert recommended mock interview sessions, which help in gaining confidence and receiving constructive feedback.

### **Resume Building**

The expert then turned his attention to resume building and the importance of maintaining a strong online presence. The expert offered the following advice on crafting an effective resume:

- **Customization:** The speaker emphasized tailoring the resume for each job application, highlighting relevant skills, projects, and experiences that align with the job description.
- **Quantifiable Achievements:** The expert advised using numbers and data to showcase achievements, such
  - as “Improved team efficiency by 20%,” which makes a stronger impact.
- **Clarity and Simplicity:** He stressed the importance of keeping the resume concise, well-structured, and free from unnecessary jargon.

### **Conclusion**

The talk by Ms. Reshma Murali provided a comprehensive guide to navigating the placement process successfully. From understanding the placement stages to enhancing skills, building a strong resume, and maintaining well-being, the expert covered all aspects crucial for success. The session was a valuable resource for students preparing for placements, offering actionable insights and practical advice that can significantly boost their chances of securing their desired jobs. By following these tips and strategies, students can confidently approach the placement season, fully equipped to achieve their career goals.



## Question and Answer session

These are the Questions discussed in the Q & A Session

- What is the first step in career planning, according to the speaker?
  - a. Building a professional network
  - b. Identifying your interests and strengths
  - c. Gaining relevant work experience
  - d. Developing a resumeAns. b and d
- Which of the following is emphasized as important for career growth?
  - a. Staying in the same job for a long time
  - b. Continuous learning and skill development
  - c. Focusing solely on salary and benefits
  - d. Avoiding change in career pathsAns. b
- What does the speaker suggest as an effective strategy to explore different career options?
  - a. Taking online quizzes to assess your career fit
  - b. Networking with professionals in the field of interest
  - c. Immediately applying for jobs in your chosen field
  - d. Relying only on advice from family and friendsAns. b
- According to the career guidance talk, which of the following is a key factor in achieving work-life balance
  - a. Taking on multiple responsibilities at once
  - b. Setting clear boundaries between work and personal life
  - c. Always prioritizing work over personal time
  - d. Avoiding social interactions outside of workAns. b
- What qualities does the speaker suggest are most valuable for career success?
  - a. Strong technical skills only
  - b. Creativity and adaptability
  - c. A rigid, one-track focus on a single career
  - d. Avoiding risks and playing it safeAns. a and b

## Outcomes of the event and PO Mapping

- **Increased Self-Awareness:** Attendees gain a better understanding of their strengths, weaknesses, interests, and values, helping them make more informed decisions about their career paths.
- **Clarity on Career Options:** The talk provides insights into various career fields, industries, and roles, giving participants a clearer idea of the opportunities available to them.
- **Actionable Career Planning Tips:** Participants leave with practical advice on how to create a career plan, set achievable goals, and develop the necessary skills for success in their chosen field.
- **Networking Opportunities:** Attendees are encouraged to build and leverage professional networks, helping them make connections with mentors, peers, and industry professionals that could lead to future opportunities.
- **Inspiration and Motivation:** The talk may inspire participants to take proactive steps toward their career development, such as seeking further education, internships, or skills development, or pursuing career transitions with renewed confidence.

The Activity is mapped to following POS

PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PSO1	PSO2	PSO3
1	2	2	2	3	1	1	3	3	3	3	3	1	2	1

1. Low degree of correlation
2. Moderately correlated
3. Highly correlated



## **Impact of the event**

This session on “Key Skills For Securing Your Dream Job” have a profound impact on individuals by providing them with essential tools and insights to navigate their professional journey. It helps attendees gain a better understanding of their own strengths, weaknesses, and interests, enabling them to make more informed and purposeful career choices. By offering clarity on various career paths and the steps needed to succeed, such talks help participants set realistic goals and develop actionable plans. Additionally, the guidance and advice shared during the talk can boost confidence, motivating individuals to take proactive steps in their career development, whether through further education, skill-building, or networking. Ultimately, a career planning talk empowers individuals to approach their careers with a clearer vision and a stronger sense of direction, increasing their chances of long-term success and personal fulfillment in the workplace.

# List of Participants (with Signatures)



Wayanamac Education Trust ®  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
 Kumbalagodu, Mysuru Road, Bengaluru-560 074.



**Department of Artificial Intelligence and Data Science**

Academic Year: Sept 2024 – Feb 2025

Date:23-11-2024


5<sup>th</sup> Semester

Placement Awareness Program on “Key Skills for Securing Your Dream Job”.

SL. No	USN	NAME	Signature
1	1DB22AD001	ABHISHEK J P	
2	1DB22AD002	ABHISHEK PYATI	<i>Abhishek Pyati</i>
3	1DB22AD003	ABID NOORAHMED GOGI	
4	1DB22AD004	ADARSH	<i>Adarsh</i>
5	1DB22AD005	AISHWARYA R	<i>Aishwarya R</i>
6	1DB22AD006	ANUSH G	<i>Anush G</i>
7	1DB22AD007	ARUN V SAJJAN	
8	1DB22AD008	BABY SHALINI S	<i>Baby Shalini S</i>
9	1DB22AD009	BHANU AKSHATHA J	<i>Bhanu</i>
10	1DB22AD010	C KEERTHAN	
11	1DB22AD011	CHETHAN K S	
12	1DB22AD012	CHETHANA M	<i>Chethana M</i>
13	1DB22AD013	CHETHANGIRI K	<i>Chethangiri K</i>
14	1DB22AD014	DARSHAN K B	<i>Darshan K B</i>
15	1DB22AD015	DARSHAN M	<i>Darshan M</i>
16	1DB22AD016	DEEPASHREE C R	<i>Deepashree C R</i>
17	1DB22AD017	DHANUSH A B	
18	1DB22AD018	G R SANJANA	<i>G R Sanjana</i>
19	1DB22AD019	GAGAN GOWDA P	<i>Gagan Gowda P</i>
20	1DB22AD020	GIRISH BABU L	<i>Girish Babu L</i>
21	1DB22AD021	HARSHINI UMESH	<i>Harshini Umesh</i>
22	1DB22AD022	JASHWANTH R	<i>Jashwanth R</i>
23	1DB22AD023	KUSHAL H K	<i>Kushal H K</i>
24	1DB22AD024	LAVANYA T	<i>Lavanya T</i>
25	1DB22AD025	LIKITH M Y	<i>Likith M Y</i>
26	1DB22AD026	M SINCHANA	<i>M Sinchana</i>
27	1DB22AD028	MOHAMMED RAAZI	<i>Mohammed Raazi</i>
28	1DB22AD029	MONISHA S P	<i>Monisha S P</i>
29	1DB22AD030	MOURYA GANGADHAR R	<i>Mourya Gangadhar R</i>
30	1DB22AD031	NAVYASHREE J	<i>Navyashree J</i>



SL. No	USN	NAME	Signature
31	1DB22AD032	NAYANA B M	Nayana B.M
32	1DB22AD033	NIKESH	
33	1DB22AD034	PEEYUSH CHOUDHARY	Uyya
34	1DB22AD035	POOJA V S	
35	1DB22AD036	PRAMODA C N	
36	1DB22AD037	PRATIK PRAVEEN UPADHYE	PKU
37	1DB22AD038	PREETHAM H	Preetham
38	1DB22AD039	HARINI R	Harini
39	1DB22AD040	R SAI VAMSHI REDDY	R Sai Vamshi Reddy
40	1DB22AD041	RAHUL S	Rahul
41	1DB22AD042	ROHINI M	Rohini M
42	1DB22AD043	SAHANA K	Sahana K
43	1DB22AD044	SAMPADHA B H	Sampadha
44	1DB22AD045	SANA SHARMA	Sana Sharma
45	1DB22AD046	SANDHYA	Sandhya
46	1DB22AD047	SANJANA R	Sanjana R
47	1DB22AD048	SHASHANKA	Shashanka
48	1DB22AD049	SHASHIKALA C	
49	1DB22AD050	SPOORTHY S KANCHAN	Spoorthy SK
50	1DB22AD051	SUMANTH D	Sumanth D
51	1DB22AD052	SYED UROOJ AHMED	Syed Urooj Ahmed
52	1DB22AD053	T SIRISHA	T Sirisha
53	1DB22AD055	TEJASHWINI Y	Tejashwini Y
54	1DB22AD056	UDAY S C	Uday S C
55	1DB22AD057	VAIBHAVI K	Vaibhavi K
56	1DB22AD058	VIDHATHA M K	
57	1DB22AD060	VINAY	Vinay
58	1DB22AD061	VISHAL LOKESHWAR GAONKAR	Vishal
59	1DB22AD062	YASHASWINI S R	Yashaswini S R
60	1DB22AD063	YASHWANTH T P	
61	1DB22AD064	SHREYA TIWARI	Shreya
62	1DB23AD400	CHARANESH S	Charanesh S
63	1DB23AD401	DARSHAN K	Darshan K
64	1DB23AD402	ERIC NEPOLEAN T	Eric Nepolean T
65	1DB23AD403	PAVAN KALYAN S	Pavan Kalyan S
66	1DB23AD404	venu GOPAL NAIDU K R	Venu Gopal Naidu K R
67	1DB23AD405	VINOD AWATI	Vinod Awati

  
**HOD,**  
 Department of AI & D  
 Don Bosco Institute of Technology,  
 Kumbalagodu, Mysore Road,  
 Bangalore-560074



Academic Year: Aug 2024 – Feb 2025

Date: 23-11-2024

3<sup>rd</sup> Semester

Placement Awareness Program on “Key Skills for Securing Your Dream Job”.

SL. No	USN	Name	Signature
1	1DB23AD001	ADARSHA G J	Adarsha
2	1DB23AD002	ADESH U	Adeish U
3	1DB23AD003	AISHWARYA S	Aishwarya S
4	1DB23AD004	AKASH H T	Akash H T
5	1DB23AD006	AMRUTH L	Amruth L
6	1DB23AD007	ANIKA RAGINI RAJ	Anika
7	1DB23AD008	ANJALI HULLAPPA AMBAGER	Anjali
8	1DB23AD009	ARUNKUMAR	Arunkumar
9	1DB23AD010	ASHUTOSH KUMAR RAI	Ashutosh
10	1DB23AD011	ASHWINI M	Ashwini M
11	1DB23AD012	AYSHA IRAM	Aysha Iram
12	1DB23AD013	B H M GURUBASAVARAJA	B H M Gurubasavaraja
13	1DB23AD014	BHOOMIKA S	Bhoomika S
14	1DB23AD015	BHUVAN GOWDA M	Bhuvan
15	1DB23AD016	BHUVAN K	Bhuvan K
16	1DB23AD017	CHANDRIKA B	Chandrika B
17	1DB23AD018	DANUSH N	Danush N
18	1DB23AD019	DEVANSH GUPTA	Devansh Gupta
19	1DB23AD020	DHEERAJ N	Dheeraj N
20	1DB23AD021	DILIP KUMAR C	Dilip Kumar C
21	1DB23AD022	GAYATHRI M	Gayathri M
22	1DB23AD023	GOWRI SHREE C	Gowri Shree C
23	1DB23AD024	JAGADISH C M	Jagadish C M
24	1DB23AD025	JAYANTH H S	Jayanth H S
25	1DB23AD026	JEEVAN S	Jeevan S
26	1DB23AD027	KAVYA R	Kavya R
27	1DB23AD028	KEERTHANA GOWDA V	Keerthana Gowda V
28	1DB23AD029	KUSHAL GOWDA S	Kushal Gowda S
29	1DB23AD030	MANASVI R GOWDA	Manasvi R Gowda
30	1DB23AD031	MD SAHIL ALAM	MD Sahil Alam
31	1DB23AD032	MEGHANA S S	Meghana S S
32	1DB23AD033	MOHAMMADZUBER CHAMANSAB MAMADAPUR	Mohammadzuber Chamansab Mamadapur



SL. No	USN	Name	
33	1DB23AD034	MOHAMMED AYAN K	<i>Mohammed Ayan K</i>
34	1DB23AD035	NAMITHA M	<i>Namitha M</i>
35	1DB23AD036	NANDISH S SHET	<i>Nandish S Shet</i>
36	1DB23AD038	NIROOP B R	<i>Niroop B R</i>
37	1DB23AD040	POOJA G R	<i>Pooja G R</i>
38	1DB23AD041	PUNITHRAJ S	<i>Punithraj S</i>
39	1DB23AD042	RACHANA R	<i>Rachana R</i>
40	1DB23AD044	RAKSHA G L	
41	1DB23AD045	RAKSHITA BILKI	<i>Rakshita Bilki</i>
42	1DB23AD046	SAHANANDA S M	<i>Sahananda S M</i>
43	1DB23AD047	SAMHITHA SIVARAJ	<i>Samhitha Sivaraj</i>
44	1DB23AD048	SANJHANA K	<i>Sanjhana K</i>
45	1DB23AD049	SATVIK C SHETTY	<i>Satvik C Shetty</i>
46	1DB23AD050	SHAIK MUJAHID	
47	1DB23AD051	SHLOK HADIMANI	<i>Shlok Hadimani</i>
48	1DB23AD052	SHREYAS M	<i>Shreyas M</i>
49	1DB23AD053	SNEHA B H	<i>Sneha B H</i>
50	1DB23AD054	SOMANATH RAYANAGOUDA PATIL	<i>Somanath Rayanagouda Patil</i>
51	1DB23AD055	TALARI SAI CHARAN	<i>T. Charan</i>
52	1DB23AD056	TARUN CHANDU B R	<i>Tarun Chandu B R</i>
53	1DB23AD057	THIPPESWAMY S	<i>Thippeswamy S</i>
54	1DB23AD058	V R POOJA	<i>V R Pooja</i>
55	1DB23AD059	VARNIKA G UDUPA	<i>Varnika G Udupa</i>
56	1DB23AD060	VEDIKA SHETTY	
57	1DB23AD061	VENKATA YOGESH S	<i>Venkata Yogesh S</i>
58	1DB23AD062	VISHAL	<i>Vishal</i>
59	1DB23AD063	VISHWARADHYA A C	<i>Vishwaradhya A C</i>
60	1DB24AD400	ARBAZ BAIG	
61	1DB24AD401	BHARATH S K	<i>Bharath S K</i>
62	1DB24AD402	DARSHAN APPASAHEB MAGDUM	<i>Darshan Appasaheb Magdum</i>
63	1DB24AD403	JEEVAN A M	<i>Jeevan A. M.</i>
64	1DB24AD404	LOKESH D	
65	1DB24AD405	SUDEEP H R	
66	1DB22AD022	VIJETHKUMAR M P	<i>Vijeth Kumar M.P</i>

*Gowramma*  
 (DC Gowramma G S)

## **Feedback from the participants**

Many participants appreciated the practical advice provided on career planning, skill development, and job search strategies. The participants have expressed their feelings that the talk helps them gain a clearer understanding of the steps needed to achieve their career goals and equips them with valuable tools for making informed decisions. Attendees often highlight the importance of self-reflection exercises and guidance on how to align their strengths and interests with suitable career paths. Additionally, the talk is praised for addressing the current job market trends, networking tips, and the need for continuous learning. Overall, participants expressed that the session has increased their confidence and provided them with a renewed sense of direction in their career journeys.



# Feedback Analysis

(can use appropriate graphical representation)

Feedback on the "Key Skills for Securing Your Dream Job" seminar 1

Questions Responses **36** Settings

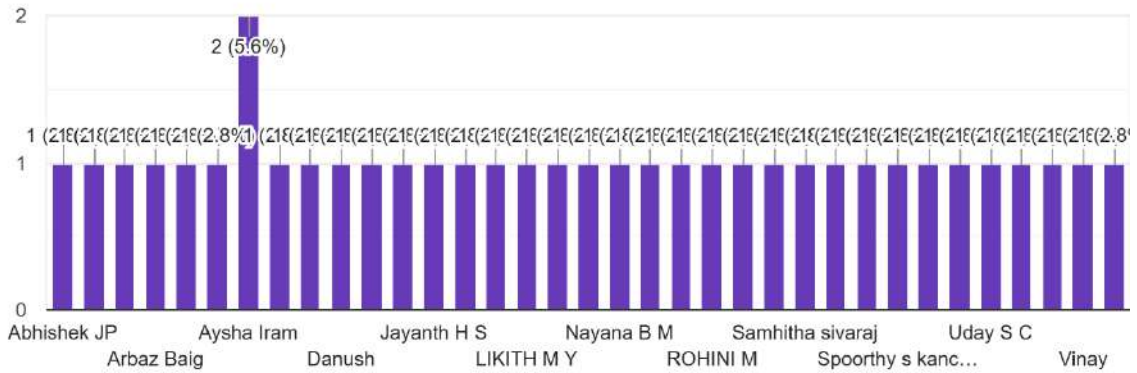
36 responses [Link to Sheets](#)

Accepting responses

Summary Question Individual

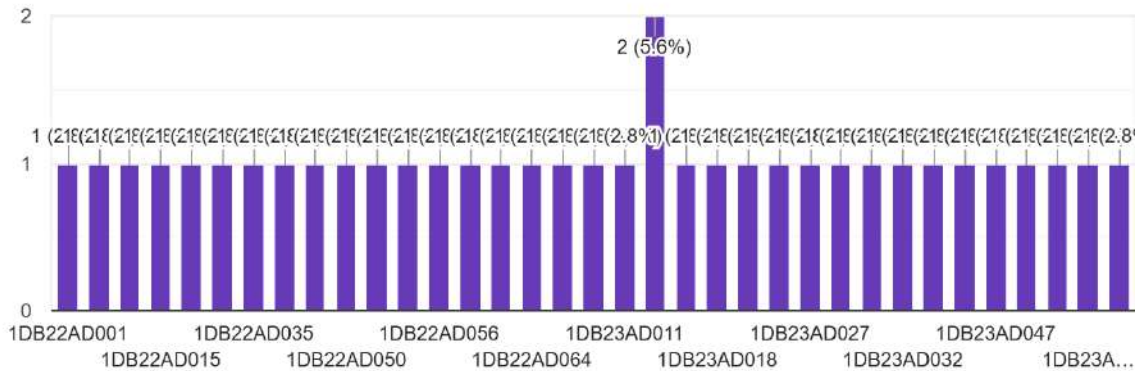
## Name

36 responses



## USN

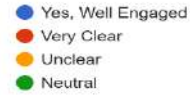
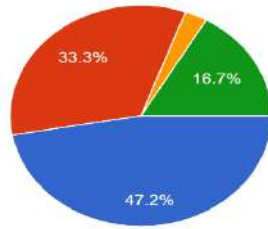
36 responses



# Feedback Analysis

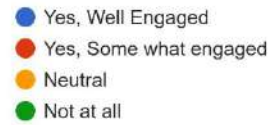
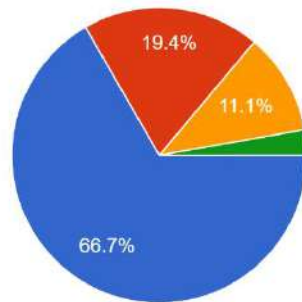
How would you rate the clarity of the speaker's message during the talk ?

36 responses



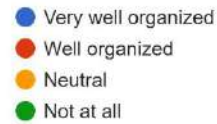
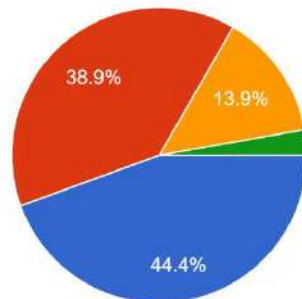
Did the Speaker effectively engaged audience through out the talk ?

36 responses



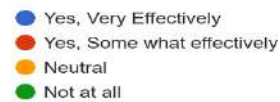
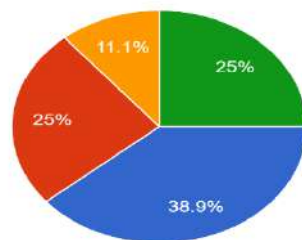
How would you rate the Organization and the structure of the talk

36 responses



Did the Speaker effectively use the visual slides to support their presentation ?

36 responses





# Permission letter

(Authenticated permission letter to conduct the event)



Wayanamac Education Trust ®  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Mysuru Road, Kumbalagodu, Bengaluru-560 074.  
**Department of Artificial Intelligence and Data Science**



DBIT/AI & DS/2024-25/014

Date: 22/11/2024

From,  
Dr. Ranjini P S  
Professor  
Artificial Intelligence and Data Science Department  
DBIT.

To,  
The Principal,  
DBIT, Kumbalagodu,  
Bangalore-560074.

Respected Sir,

Subject: Requesting permission for conducting placement awareness program on "Key Skills for Securing Your Dream Job".

We the undersigned kindly request you to permit us to conduct placement awareness program on "Key Skills for Securing Your Dream Job" on 23<sup>rd</sup> November 2024 at 11.30am. I request you to kindly accord permission to conduct the event.

Thanking you,

*Ranjini*  
Yours Sincerely,

*Jayamma*  
HoD  
Head of the Department,  
Dept. of Artificial Intelligence & Data Science  
Don Bosco Institute of Technology,  
Kumbalagodu, Mysore Road,  
Bangalore-560074

*permitted*  
*Bhargabhushe*  
**PRINCIPAL**  
Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road,  
Bangalore-560074.

# **Financial Bill settlement**

Not Applicable



# Resource Person(s) Bio-Data with photo



## Reshma Murali

Software Engineer, Public Speaker, Facilitator

I am a dynamic software engineer with a profound enthusiasm for public speaking. My career in software engineering has endowed me with a strong foundation in technology, problem-solving and innovation. Beyond coding, I thrive as a motivational speaker, captivating audiences with my knowledge and passion and inspiring positive change. My unique blend of technical expertise and communication skills makes me a valuable asset in both the tech and public speaking domains.

### Contact

**Phone**

+91-9141540908

**Email**

reshmmaofficial@gmail.com

**Linked In**

<https://www.linkedin.com/in/reshmamurali12>

### Education

2018-2022

**BE**

Don Bosco Institute of Technology

2016-2018

**XII**

Seshadripuram Composite PU College

2016

**X**

Nagarjuna Vidyaniketan

### Expertise

- Python & Java Programming
- Visual Design, User and Process Flows
- Critical Thinking & Problem Solving
- Effective Communication
- Audience Interaction & Presentation
- Public Speaking

### Languages

English

Kannada

Hindi

### Professional Experience

**Mercedes Benz**

**Software Engineer**

I am a software engineer with a Bachelor of Engineering (BE) degree in Computer Science, currently thriving in the dynamic world of technology. My journey from academia to the professional realm has equipped me with a solid foundation in software development, problem-solving and innovation. I am passionate about harnessing the power of technology to create efficient and elegant solutions, making a tangible difference in the digital landscape. My commitment to continuous learning and adaptability ensures that I remain at the forefront of this ever-evolving field.

### Experiences, Achievements & Certifications

- Have led many summer camps at Government Schools
- Awarded the Young Achiever of the Month by the Alumni Association of Don Bosco Institute of Technology
- Have been a host for various events in my schooling and college days and presently, at my workplace
- Have been a vibrant speaker for a number of technical and non-technical events
- Have held the positions of Vice Chair in the IEEE Student Branch, Team Lead in the Innovation Lab, Coordinator of Computer Society of India (CSI) Student Chapter etc
- Participated and won the State Level Hackathon for Digital Creation
- Certified by IIT Madras for attending the workshop on Artificial Intelligence and Machine Learning
- Have led many teams in-house and in social activities
- Have been an active volunteer at an NGO called Bangalore Kidney Foundation

### Hobbies & Interests

- District Level Championship in Karate
- Public Speaking
- Article Writing
- A Singer, Dancer and a Content Creator
- An Avid Reader
- An Event Manager
- A Food Vlogger
- An energetic sports person with immense interest in Throwball and Shuttle Badminton

### Personal Skills

- Hard Working and Sincere
- Excellent Decision Making and Analytical Skills
- Positive Attitude, Determination and Leadership Skills

**Geo Tag Photo Gallery, News Paper Publication & Web  
link for video**



**Anchoring By Uday S C  
5<sup>th</sup> Semester Student**



**Invocation by Navyashree & Team  
5<sup>th</sup> Semester Students**





Bengaluru, Karnataka, India  
VCJW+C3P Don Bosco Institute Of Technology, SH17,  
Kumbalgodu, Bengaluru, Karnataka 560074  
Lat 12.882729° Long 77.444284°  
23/11/24 11:53 AM GMT +05:30



**Addressing the Gathering by the speaker**



Bengaluru, Karnataka, India  
VCJW+C3P Don Bosco Institute Of Technology, SH17,  
Kumbalgodu, Bengaluru, Karnataka 560074  
Lat 12.882729° Long 77.444284°  
23/11/24 11:53 AM GMT +05:30



**Demo Interview by the Trainer**



## Question & Answer session



## **Future Plan**

The department aims to conduct GATE (Graduate Aptitude Test in Engineering) awareness program for students including organizing informative sessions that cover key aspects of the exam, such as its structure, syllabus, and eligibility criteria. The event will also focus on guiding students through the various opportunities that GATE opens up, such as higher studies and public sector job prospects. Finally, we aim to offer personalized mentorship to help students devise effective study plans and maintain motivation throughout their preparation.



Wayanamac Education Trust ®  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Mysuru Road, Kumbalagodu, Bengaluru-560 074.



## Department of Artificial Intelligence and Data Science



REPORT ON

**“Workshop on Interactive Dashboards for Story Telling with  
Tableau and Power BI”**

ORGANIZED BY

**“Dept. of AI & DS”**

COORDINATED BY

**Dr. Ranjini P S**

Professor

Department of AI&DS

**Mr. Sampath Kumar S**

Assistant Professor

Department of AI&DS

VENUE

**B Block, DBIT, Bengaluru**

Date: 13.09.2024 – 14.09.2024

**AY-2024-2025**



# CONTENTS

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# Authentication Page

A REPORT ON - "Workshop on Interactive Dashboards for Story Telling with Tableau and Power BI"

**Coordinated by:**

Dr. Ranjini P S, Professor, Department of AI&DS, DBIT, Bangalore

&

Mr. Sampath Kumar S, Assistant Professor, Department of AI&DS, DBIT, Bangalore.

**Venue and Date**

AI & DS Computer Lab

13.09.2024 – 14.09.2024

**Academic Year: 2024-2025**

**Signature of the Coordinator with date:**

**Dr. Ranjini P S**  
Professor  
Department of AI&DS

*Ranjini*  
21/10/2024

**Mr. Sampath Kumar S**  
Assistant Professor  
Department of AI&DS

*Sampath*  
21-10-24

**Signature of the Convener with date:**

*Gowramma*  
**Dr. Gowramma G.S**  
Professor & HoD  
Department of AI&DS  
Don Bosco Institute of Technology,  
Kumbalagodu, Mysore Road,  
Bangalore-560074

**Signature of the Head-IQAC with date:**

*Mukul*  
Director - IQAC 21/10/2024  
Don Bosco Institute of Technology  
Mysore Road, Kumbalagodu  
Bengaluru-560 074

**Signature of the Principal with date:**

*Bonagabhusan*



# Invitation



WAYANAMAC EDUCATION TRUST®

**DON BOSCO INSTITUTE OF TECHNOLOGY**

(Affiliated to VTU, Belagavi, Approved by AICTE New Delhi & Recognised by Govt. of Karnataka, Accredited by NBA & NAAC)



Kumbalagodu, Mysuru Road, Bengaluru - 560074

Approved by  
AICTE  
New Delhi



Affiliated to  
VTU  
Belagavi



Recognised by the  
Government of  
Karnataka



Accredited by  
NAAC  
Bangalore



Accredited by  
NBA  
New Delhi



## Department of Artificial Intelligence and Data Science

### Workshop on

### “Interactive Dashboards for Storytelling with Tableau and Power BI”

Date : 13-09-2024

&

14-09-2024

Venue: AI & DS Computer Lab

Time : 09.00 AM - 5.00 PM

#### Resource Person

**Moulieswaran D**

QA/Analytics Trainer, Arivupro Skills

#### Presided By

**Sri. B. Bylappa**  
President. WET

**Sri. P.B. Manjunath**  
Executive Director. DBIT

**Sri. Raghav Bylappa**  
Secretary. WET

#### Organizing Chairs

**Dr. Gowramma G S**  
HoD, Dept. of AI & DS, DBIT

**Dr. Nataraj K R**  
Dean & Director, DBIT

**Dr. B S Nagabhushana**  
Principal, DBIT

#### Faculty Co-ordinator

**Dr. Ranjini P S**  
Professor  
Dept. of AI & DS, DBIT

**Prof. Sampath Kumar S**  
Assistant Professor  
Dept. of AI & DS, DBIT



# Brochure

## ABOUT THE INSTITUTION

Don Bosco Institute of Technology (DBIT) was established in 2001 as a part of Wayanamac Education Trust that envisions providing quality education in Engineering/Technology and Management studies. Presently, DBIT offers Under Graduate (UG) programs in eight domains that include Computer Science and Engineering, Information Science and Engineering, Electronics & Communication Engineering, Electrical & Electronics Engineering, Civil Engineering, Mechanical Engineering, Artificial Intelligence & Machine Learning, Artificial Intelligence & Data Science besides the Post Graduate (PG) program in Management studies titled Master of Business Administration. Ten departments including basic science departments have Research Centres that offer PhD programs. All UG, PG and Research programs (PhD) are affiliated to Visvesvaraya Technological University, Belagavi. All eligible UG programs of DBIT are accredited by NBA and the institution is NAAC accredited. The quality of education at the institution level is governed by IQAC (Internal Quality Assurance Cell) whose process framework percolates to the constituent departments in a graceful manner so as to enable build quality into the system from the grass root level.

## ABOUT THE DEPARTMENT

The Department of Artificial Intelligence and Data Science, Don Bosco Institute of Technology, Bengaluru was established in the year 2021-22, with an intake of 60 students. DBIT is permanently affiliated to Visvesvaraya Technological University (VTU), Belagavi, and Karnataka. The department has state-of-art infrastructure in terms of well-equipped laboratories and library for staff and students. It has qualified and experienced teaching faculty. It supports students to understand the fundamentals of AI & DS, apply them in design and development of projects to resolve complex, real time problems. The department has got excellent ambience for research in diversified areas. The department has got a wide technical spectrum through the Centre of Excellence, Innovation lab, industry tie-ups, collaboration and MOUs.

### CHIEF PATRON:

**B Bylappa** - President

**P B Manjunath** - VicePresident

**Raghav Bylappa** – Secretary, WET, Bengaluru

### PATRON:

**Dr. Nagabhushana B S**

Principal, DBIT

### CONVENOR:

**Dr. Gowramma G S,**

Professor & Head, Dept. of AI & DS, DBIT

Ph : 9902003202

### CO-ORDINATOR:

**Dr. Ranjini P. S.** Professor

**Prof. Sampath Kumar S,** Assistant Professor

### ORGANIZING COMMITTEE:

- **Dr. Nagaraja P,** Professor
- **Prof. Keshav Murthy S,** Professor
- **Prof. Subhashini B N,** Assistant Professor
- **Prof. Meghana H M,** Assistant Professor
- **Prof. Mamatha K,** Assistant Professor
- **Prof. Sapna S Basavaraddi,** Assistant Professor

### Resource persons:

**Mr. Moulieswaran D**

QA / Analytics Trainer,  
Head of Arivupro Skills



**Don Bosco Institute of  
Technology**



**Workshop  
on**

**"INTERACTIVE DASHBOARDS FOR  
STORYTELLING WITH TABLEAU  
AND POWER BI"**

**(As per 5th Sem (BAIL504) &  
7th Sem (21AD71) )**



**Organized by :**

**Department  
of  
Artificial Intelligence and Data Science**

**on**

**13.09.2024 to 14.09.2024**

**Don Bosco Institute of Technology**

NBA & NAAC Accredited Institution  
Kumbalagodu, Mysore Road, Bengaluru – 560074  
[www.dbit.co.in](http://www.dbit.co.in)

**Venue: AI & DS Computer Lab(B218)**





# Workshop on “INTERACTIVE DASHBOARDS FOR STORYTELLING WITH TABLEAU AND POWER BI”

13.09.2024 to 14.09.2024



## Interactive Dashboards for Storytelling with Tableau and Power BI

### About The Programme

Interactive dashboards are powerful tools for data storytelling, enabling users to convey insights through dynamic and engaging visualizations. Tableau and Power BI are two leading platforms in this space. Tableau excels with its advanced visualization options and user-friendly interface, allowing for rich, interactive experiences and detailed storytelling through its "Story" and "Dashboard" features. Power BI, on the other hand, integrates seamlessly with Microsoft products and offers strong data modeling capabilities, using features like "Bookmarks" and "Slicers" to create interactive and narrative-driven reports.

### About Workshop

The core objective of the Workshop is to demystify the different topics in Data Visualization, tools used in different applications, opportunities for the benefit of students and faculty. This Workshop covers comprehensive VTU syllabus of as per 5th Sem (BAIL504) & 7th Sem (21AD71) "Interactive Dashboards for Storytelling with Tableau and Power BI" with complete hands-on training from industry experts are invited to handle the sessions. The Workshop is open for all the students and staff members of Engineering and Technology, as Data Visualization is a multidisciplinary domain.

### Motivation behind Workshop

As per NEP 2020 and As per 5th Sem (BAIL504) & As per 7th Sem (21AD71), "Interactive Dashboards for Storytelling with Tableau and Power BI" has been introduced for the 5th & 7th semester B.E to cater the needs of current technology. This Workshop has been organized to enhance the knowledge of the Students & faculty.

### Objectives of Workshop

The objective of using interactive dashboards in Tableau and Power BI for storytelling is to transform complex data into clear, engaging visual narratives. These tools enable users to create dynamic, interactive visualizations that facilitate deeper data exploration and insights. By leveraging features like filters, drill-downs, and interactive elements, they help to convey compelling stories and drive informed decision-making. Ultimately, they aim to make data more accessible and actionable for diverse audiences.

### TOPICS COVERED

#### Day 1: Power BI Workshop

##### Session 1: Introduction to Power BI (1 hour)

- Overview of Power BI, Power BI Interface & Data Importing

##### Session 2: Data Transformation in Power BI (1 hour)

- Data Cleaning and Shaping ,
- Modeling Data, DAX (Data Analysis Expressions)

##### Session 3: Creating Visualizations in Power BI (2 hours)

- Building Interactive Dashboards,
- Custom Visualizations
- Formatting and Customizing Reports

##### Session 4: Publishing and Sharing in Power BI (1 hour)

- Publishing Dashboards, Power BI Mobile App

#### Day 2: Tableau Workshop

##### Session 1: Introduction to Tableau (1.5 hours)

- Overview of Tableau, Connecting to Data

##### Session 2: Data Transformation in Tableau (1.5 hours)

- Data Modeling in Tableau, Calculated Fields, Tableau Prep Overview

##### Session 3: Creating Visualizations in Tableau (2 hours)

- Building Interactive Dashboards, Advanced Visualizations, Storytelling with Data

##### Session 4: Publishing and Sharing in Tableau (1 hour)

- Sharing Dashboards, Tableau Mobile App
- Workshop Wrap-up (30 mins), Q&A Session
- Resources for further learning (online courses, certifications)

### Workshop Outcomes:

1. Understand the fundamental features of Power BI and Tableau
2. Ability to clean, transform, and model data
3. Create dynamic and interactive dashboards
4. Use basic DAX in Power BI and calculated fields in Tableau
5. Publish and share dashboards effectively

### Registration Fee :

The registration fee of Rs. 100/- (for Students)

Rs. 300/- (for Faculty)

For registration kindly fill the registration form in the link given below:

<https://forms.gle/UWCTDGSQuBbBz4QWA>

### Communication:

Prof. Sampath Kumar S, Assistant Professor  
sampthkumar.s@dbit.co.in, 9743307890

### Takeaways:

- Participation Certificate
- Course Handouts

Last Date for Registration: 12/09/2024

Scan for Registration



### Technical Support:

Mr. Shanthamurthy, System Admin.

Mrs. Chalra K N, Lab Instructor.

# PROGRAMME FLOW

Date: 13.09 .2024  
&  
14.09 .2024

Venue: AI & DS Computer Lab

Sl. No	Time Schedule	Event Description	In-charge
1	09.00 Am – 09.10 Am	Welcome Address	Master of Ceremony Ms. Bhoomika S (III <sup>rd</sup> Semester Student)
2	09.10 Am – 09.15 Am	Invocation	Ms. Varnika G Gupta (III <sup>rd</sup> Semester Student)
3	09.15 Am – 09.20 Am	Lighting of the Lamp by dignitaries	
4	9.20 Am - 9.30 Am	Introduction of the Trainer	Ms. Rachana R (III <sup>rd</sup> Semester Student)
5	9.30 Am – 5.00 pm	Hands-on Session by the Trainer	
6	4.30 – 4.45 pm on 14.09 .2024	Felicitation to the Chief Guest and Vote of Thanks	Dr. Gowramma G.S HoD, Department of AI & DS

Dr. Gowramma G.S  
Professor, HoD,  
Department of AI&DS





## About the Speaker

### **MOULIESWARAN.D**

#### **QA/Analytics trainer**

nklmouli@gmail.com

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Bengaluru, India.

#### **CAREER OBJECTIVE**

- To implement more innovative techniques in education to make learning happy and efficient for students.
- To use technology in a sustainable way for the benefit of all stakeholders in academics.

#### **EDUCATIONAL QUALIFICATION**

Degree/ Certificate	Institution	Year of Passing	Board/University	Marks (%)
Ph.D.	Christ University, Bengaluru.	Pursuing	Christ University, Bengaluru.	-
MBA	Christ University, Bengaluru.	2019	Christ University, Bengaluru.	67.5
B.E. (Mechanical)	Sri Ramakrishna engineering college, Coimbatore.	2016	Anna University, Chennai.	74.75
12 <sup>th</sup>	Green Park Matric.hr.sec.school, Namakkal.	2012	State Board	92.3
10 <sup>th</sup>	Sri Vinayaga Matric.hr.sec.school, Namakkal.	2010	Matriculation	91

#### **WORK EXPERIENCE**

Role	Organization	Duration	Responsibility
Head and Senior Trainer	Arivupro skills	From June 2023 to till now(Currently working)	Leading and heading a team for skill development training programs in both B2B and B2C segment  Trainer for Various skill courses such as Power BI, Tableau, Advanced excel, SPSS and other analytical tools
Assistant professor	AMC Engineering college	From July 2022 to June 2023	Teaching MBA students in statistics, operations management and technologyrelated subjects.

### **Conclaves, Summit & Workshops**

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- Excon Exhibition on 16 Dec 2023 at BIEC
- ICT Academy BRIDGE Bengaluru on 13 Dec 2023 - ITC Gardenia, Bengaluru
- 4th Annual Rethink H.R. Conclave 2023 on 25 Oct 2023 –Lalit Ashok, Bengaluru
- Codinus TPO Meet on 23 June 2023 –Hyatt Centric MG Road, Bengaluru
- VTU TPO Conclave-2023 on 30th Jan 2023-RVCE, Bengaluru
- Bengaluru Tech Summit on 30th Nov 2022 at Palace Ground Bengaluru
- HR-TPO Conclave on 18th & 19th Nov 2022-North Avenue Mysore
- HMT and ATD.
- Metrology and Measurement Techniques.
- Faculty Development programs like Personality Development.

### **Conferences & Seminars**

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- World Class Manufacturing Practices.
- Entrepreneurship and Management

### **Personal Dossier**

---

- Languages: English, Hindi, Telugu, Tamil and Kannada
- Hobbies: **Reading** - Positive Mental Attitude & People Skill Books, **Sports**- Cricket, Yoga& Walk-**Fitness**, Volunteering and Community Involvement.**Listening to Music** – Classic and Devotional Songs .





## BRIEF REPORT ABOUT THE PROGRAMME

**Title:** Workshop on Interactive Dashboards for Story Telling with Tableau and Power BI

### Overview

The workshop focused on two popular Business Intelligence (BI) tools: **Tableau** and **Power BI**. These tools are used for data visualization, analysis, and reporting. Both are essential for professionals in data-driven industries, enabling users to transform raw data into meaningful insights through interactive dashboards and visual analytics.

### Key Topics Covered

#### 1. Introduction to BI Tools

- Definition of Business Intelligence (BI) and its role in modern businesses.
- Comparison of traditional reporting tools vs. modern BI tools like Tableau and Power BI.
- Overview of Tableau and Power BI – features, pricing, and use cases.

#### 2. Getting Started with Tableau

- **Introduction to Tableau Interface:** Exploring the workspace, menus, and toolbars.
- **Connecting to Data:** Connecting Tableau to various data sources like Excel, CSV, MySQL, and cloud services.
- **Basic Visualizations:** Creating bar charts, line charts, scatter plots, and pie charts.
- **Building Dashboards:** Combining multiple visualizations into interactive dashboards.
- **Storytelling with Data:** Using Tableau stories to narrate insights with a sequence of dashboards.
- **Calculated Fields:** Introduction to basic formulas and creating calculated fields.
- **Filters and Parameters:** Implementing data filters and using parameters to create dynamic dashboards.
- **Sharing and Publishing Dashboards:** Sharing dashboards with users via Tableau Server, Tableau Public, and exporting reports.

#### 3. Introduction to Power BI

- **Power BI Interface:** Overview of the Power BI Desktop interface, including the data, report, and model views.
- **Connecting to Data Sources:** Importing data from files, databases, and web-based APIs.
- **Data Transformation with Power Query:** Cleaning and transforming data using Power Query Editor.
- **Data Modeling:** Creating relationships between different data tables and building a relational data model.
- **DAX (Data Analysis Expressions):** Basic introduction to DAX for performing calculations and aggregations.

- ~~**Visualizations:** Creating visualizations such as tables, matrices, charts, maps, and custom visuals.~~
- **Reports and Dashboards:** Building interactive reports and combining visualizations into Power BI dashboards.
- **Publishing and Sharing Reports:** Publishing reports to Power BI Service, sharing dashboards with team members, and scheduling data refreshes.

#### 4. Advanced Topics

- **Tableau:** Advanced calculations, trend analysis, forecasting, and working with geographic data.
- **Power BI:** Using advanced DAX functions, integrating with Power BI services (cloud), and embedding reports into websites or applications.

#### 5. Comparison of Tableau and Power BI

- **Ease of Use:** Power BI is considered more beginner-friendly, while Tableau is more flexible for advanced users.
- **Cost:** Power BI generally has a lower cost of ownership, while Tableau tends to be more expensive.
- **Performance:** Tableau is often praised for handling larger datasets better, while Power BI integrates seamlessly with Microsoft services.
- **Customization and Extensibility:** Tableau offers more customization in visual design, while Power BI benefits from its integration with other Microsoft tools and services.

#### Conclusion

The workshop provided a comprehensive introduction to both Tableau and Power BI, equipping participants with the skills to create dynamic dashboards and perform advanced data analysis. The hands-on sessions ensured that participants could apply these tools to real-world data scenarios, helping them make data-driven decisions in business contexts.



# AUDIENCE

## List of Participants Registered To attend The Workshop Through Online Mode

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# List Of Participants Attended Through Offline Mode



Wayanamac Education Trust ®  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
 Kumbalagodu, Mysuru Road, Bengaluru-560 074.  
 Department of Artificial Intelligence and Data Science



Academic Year: Sept 2024 – Feb 2025

Attendance Sheet

Workshop on “Interactive Dashboards for storytelling with Tableau and Power BI”

SL. No	USN	NAME	13-09-2024		14-09-2024	
			F/N Sign	A/N Sign	F/N Sign	A/N Sign
1	1DB23AD042	RACHANA .R.	<i>Rachana</i>	<i>Rachana</i>	<i>Rachana</i>	<i>Rachana</i>
2	1DB23AD014	BHOOMIKA .S	<i>Bhoomika</i>	<i>Bhoomika</i>	<i>Bhoomika</i>	<i>Bhoomika</i>
3	1DB23AD021	DEEPIK KUMAR .C	<i>Deepika</i>	<i>Deepika</i>	<i>Deepika</i>	<i>Deepika</i>
4	1DB23AD023	GOWRISHREE .C	<i>Gowrishree</i>	<i>Gowrishree</i>	<i>Gowrishree</i>	<i>Gowrishree</i>
5	1DB23AD048	SANJHANA .K	<i>Sanjhana</i>	<i>Sanjhana</i>	<i>Sanjhana</i>	<i>Sanjhana</i>
6	1DB23AD025	JAYANTH H .S	<i>Jayanth</i>	<i>Jayanth</i>	<i>Jayanth</i>	<i>Jayanth</i>
7	1DB23AD063	Vishwaradhya A C	<i>Vish</i>	<i>Vish</i>	<i>Vish</i>	<i>Vish</i>
8	1DB23AD024	Jeevan .A.M	<i>Jeevan</i>	<i>Jeevan</i>	<i>Jeevan</i>	<i>Jeevan</i>
9	1DB23AD016	Bhuvan .k	<i>Bhuvan</i>	<i>Bhuvan</i>	<i>Bhuvan</i>	<i>Bhuvan</i>
10	1DB23AD028	Keerthana .Gowda .V	<i>Keerthana</i>	<i>Keerthana</i>	<i>Keerthana</i>	<i>Keerthana</i>
11	1DB23AD059	Vasika G. Udupa	<i>Vasika</i>	<i>Vasika</i>	<i>Vasika</i>	<i>Vasika</i>
12	1DB23AD012	Aysha Iram	<i>Aysha</i>	<i>Aysha</i>	<i>Aysha</i>	<i>Aysha</i>
13	1DB23AD019	Devansh Gupta	<i>Devansh</i>	<i>Devansh</i>	<i>Devansh</i>	<i>Devansh</i>
14	1DB23AD031	MD. Sahil Alam	<i>Sahil</i>	<i>Sahil</i>	<i>Sahil</i>	<i>Sahil</i>
15	1DB23AD047	Sanhitha .Sivanaj	<i>Sanhitha</i>	<i>Sivanaj</i>		
16	1DB23AD032	Meghana .S	<i>Meghana</i>	<i>Meghana</i>	<i>Meghana</i>	<i>Meghana</i>
17	1DB23AD040	Pooja GR	<i>Pooja</i>	<i>Pooja</i>	<i>Pooja</i>	<i>Pooja</i>
18	1DB23AD051	SHLOK .H	<i>Shlok</i>	<i>Shlok</i>	<i>Shlok</i>	<i>Shlok</i>
19	1DB23AD038	NIROOD B R	<i>Nirood</i>	<i>Nirood</i>	<i>Nirood</i>	<i>Nirood</i>
20	1DB23AD036	NANDISH SHET	<i>Nandish</i>	<i>Nandish</i>	<i>Nandish</i>	<i>Nandish</i>
21	1DB23AD009	ARUN KUMAR .	<i>Arun</i>	<i>Arun</i>	<i>Arun</i>	<i>Arun</i>
22		DARSHAN .A .MAGDOM	<i>Darshan</i>	<i>Darshan</i>	<i>Darshan</i>	<i>Darshan</i>
23	1DB23AD007	Anika Ragini Raj	<i>Anika</i>	<i>Anika</i>	<i>Anika</i>	<i>Anika</i>
24	1DB23AD003	Aishwarya .S	<i>Aishwarya</i>	<i>Aishwarya</i>	<i>Aishwarya</i>	<i>Aishwarya</i>
25	1DB23AD024	Raksha .G .h.	<i>Raksha</i>			
26	1DB23AD060	Vedika Shetty	<i>Vedika</i>	<i>Vedika</i>	<i>Vedika</i>	<i>Vedika</i>
27	1DB23AD013	B. H. M. Gunubasavaraj	<i>B.H.M.</i>	<i>B.H.M.</i>	<i>B.H.M.</i>	<i>B.H.M.</i>
28	1DB23AD057	Somanath R Pali	<i>Somanath</i>	<i>Somanath</i>	<i>Somanath</i>	<i>Somanath</i>
29	1DB23AD058	V. R. POOJA	<i>Pooja</i>	<i>Pooja</i>	<i>Pooja</i>	<i>Pooja</i>
30	1DB23AD057	Thrippeswary .s	<i>Thrippeswary</i>	<i>Thrippeswary</i>	<i>Thrippeswary</i>	<i>Thrippeswary</i>

SL. No	USN	NAME	13-09-2024		14-09-2024	
			F/N Sign	A/N Sign	F/N Sign	A/N Sign
31	IDB23AD015	Bhuvan Gowda, M				
32	IDB23AD026	JEEVAN'S				
33	IDB23AD002	Adesh U				
34	IDB23AD045	Rakshita Bilki				
35	IDB23AD053	Sneha BH.				
36	IDB23AD052	Shreyas M				
37	IDB23AD041	Punith Raj. S				
38		Sudeep H. TR				
39	IDB23AD049	Satvik C. Shetty				
40	IDB23AD050	SHEKH MUTAHER				
41	IDB23AD006	Amruth L				
42	IDB23AD004	Akash H. I				
43	IDB23AD004	Adarsh J				
44	IDB23AD030	Manasvi R. Gowda				
45	IDB23AD035	Namitha M				
46	IDB21AD025	Lohith G. Gowda				
47						
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Wayanamac Education Trust ®  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
 Kumbalagodu, Mysuru Road, Bengaluru-560 074.  
**Department of Artificial Intelligence and Data Science**  
 Academic Year : Sept 2024 - Feb 2025



Attendance Sheet

Workshop on "Interactive Dashboards for storytelling with Tableau and Power BI"

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# Feed Back

10/14/24, 4:20 PM

Feedback on "Workshop on Interactive Dashboards for Story Telling with Tableau and Power BI" on 13.09.2024 – 14.09.2024

## Feedback on "Workshop on Interactive Dashboards for Story Telling with Tableau and Power BI" on 13.09.2024 – 14.09.2024

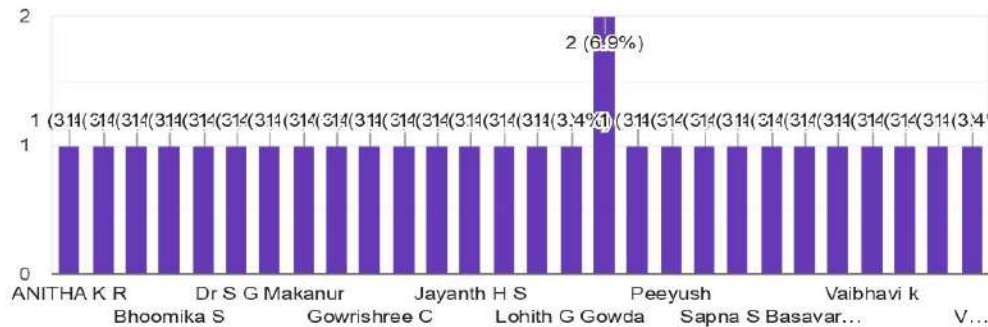
29 responses

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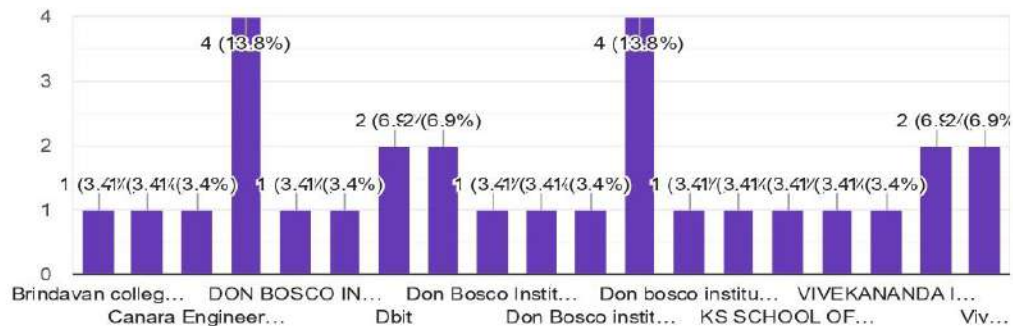
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Institution

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29 responses

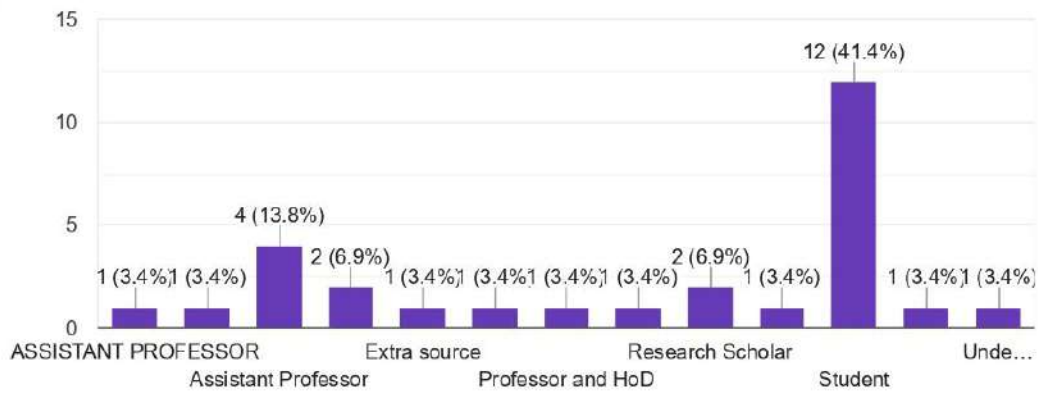




### Designation



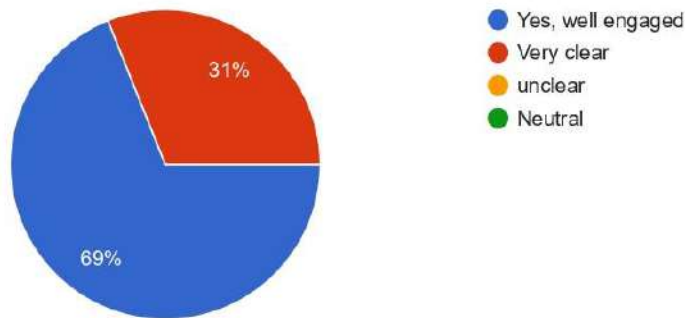
29 responses



### How would you rate the clarity of the speaker's message during the talk



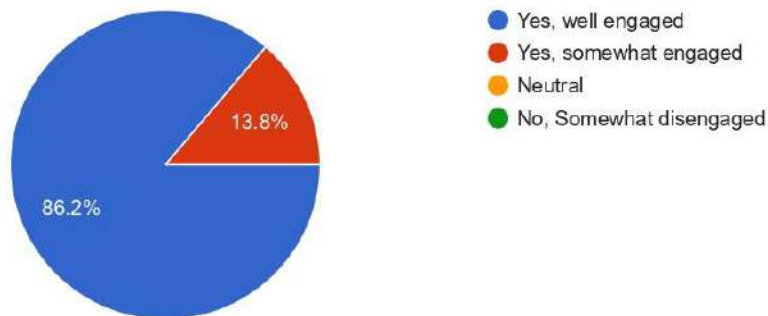
29 responses



### Did the speaker effectively engaged the audience throughout the talk

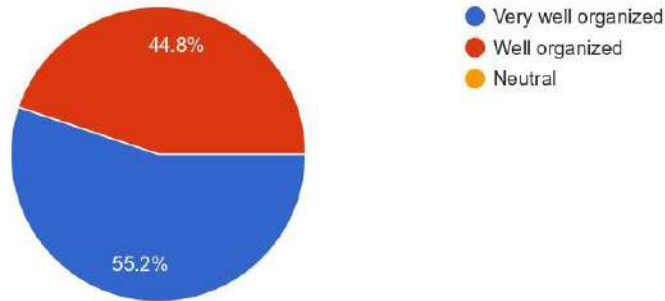


29 responses



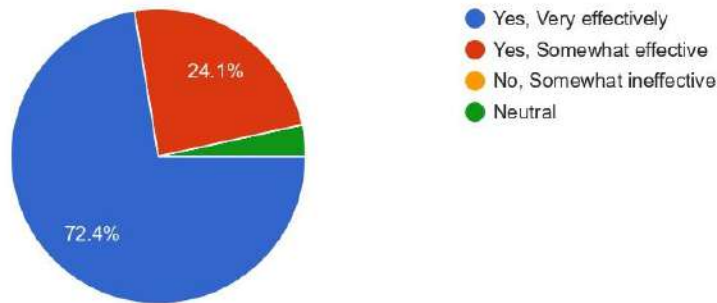
### How would you rate the organization and structure of the talk Copy

29 responses



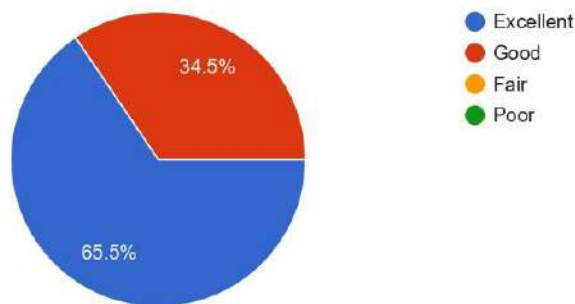
### Did the speaker effectively use visual aids or slides to support their presentation Copy

29 responses



### Overall, how would you rate the quality of speaker's delivery Copy

29 responses



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Google Forms





# Photo Gallery

## Audience in Online Mode

The screenshot shows a Microsoft Teams meeting interface. At the top, there are several participant icons labeled SH, SS, NJ, S, G, NM, and KP. Below them is a window displaying an Excel spreadsheet titled "Copy of Employee Sample Data (1) (1) - Excel". The spreadsheet contains an "HR DASHBOARD" with various charts and tables. The charts include "Salary in change by ethnicity", "Employee count in finance", "Employee count by business unit", and "Average of Job Satisfaction by Gender". The tables show "Department", "Total", and "Employee count by business unit".

On the right side of the Teams window, there is a "Participants" list with the following entries:

- RP Ranjini P.S.
- AR Aishwarya R (External)
- AL amruth I (Unverified)
- A Augustin (Unverified)
- CN chaitra k n (Unverified)
- CC CHANDHANA C (External)
- DM Dr S G Makanur (Unverified)
- DG Dr. Jalaja G (Unverified)

The screenshot shows a Microsoft Teams meeting interface. At the top, there are several participant icons labeled G, SS, and others. Below them is a window displaying a Power BI dashboard titled "Unfiled - Power BI Desktop". The dashboard contains several visualizations, including a "TOTAL EMPLOYEES" card showing 1,470, a "MALE 882 60%" card, a "FEMALE 588 40%" card, and several bar and pie charts. The bar charts show "Average of Job Satisfaction by Gender" and "Average of Monthly Income by Gender". The pie charts show "Average of Job Satisfaction by Marital Status" and "Average of Monthly Income by Education Field".

On the right side of the Teams window, there is a "Participants" list with the following entries:

- G
- SS
- Others (represented by icons)

**Data Visualization Workshop** | 18:55

Pop out | Chat | People (21) | Raise | React | View | Apps | More | Camera | Mic | Share | **Leave**

**Participants**

Type a name

**Share invite**

- AR Aishwarya R (External)
- BG Bhuvan Gowda (External)
- CC CHANDHANA C (External)
- CM Chethana M (Unverified)
- DM Dr S G Makanur (Unverified)
- G GEETHALAXMI (Unverified)
- HJ Harisha K J (Unverified)
- H HoD - AI & DS Organizer
- JS Jayanth H S (External)

**PowerBI workshop** | mouli d

File | Home | Insert | Modeling | View | Optimize | Help | Format | Data / Drill

Key influencers | Top segments

When is Attrition more likely to be 'Yes'?

70.0% | 50.0%

**Segment 1**

Sum of WorkLifeBalance is less than or equal to 1

In segment 1, 70.0% of Attrition is Yes. This is 46 percentage points higher than average (23.9%).

Segment 1: 70.0%  
Overall: 23.9%

Segment 1 contains 20 data points (7.7% of the data).

Visualizations | Data

Build visual | Filters

Visuals: Bar, Line, Pie, Map, Matrix, etc.

Fields: Attrition, TotalWorkingYr, etc.

**Data Visualization Workshop** | 03:06

Pop out | Chat | People (16) | Raise | React | View | Apps | More | Camera | Mic | Share | **Leave**

**PowerBI workshop** | mouli d

File | Home | Insert | Modeling | View | Optimize | Help | Format | Data / Drill

**HR DASHBOARD**

**TOTAL EMPLOYEES: 1,470**

**MALE: 882 (60%)**

**FEMALE: 588 (40%)**

Average of JobSatisfaction by Department

Average of JobSatisfaction by MaritalStatus

Average of JobSatisfaction by Education

Average of JobSatisfaction by Gender

Total employees by JOB SERVICE

Format shape | Data

Shape: General

Style: Color, Font, etc.

**Data Visualization Workshop** | 01:02:13

Chat | People (39) | Raise | React | View | Apps | More | Camera | Mic | Share | **Leave**

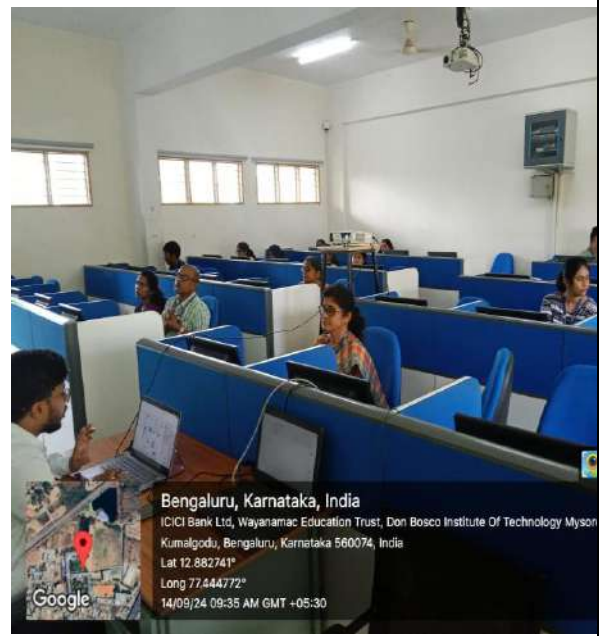
Grid of participants:

- RP: Ranjini P.S.
- Mouli (Unverified)
- AR: Aishwarya R (External)
- S: shridevi (Unverified)
- JS: Jayanth H S (External)
- SS: SHIVALEELA G SAJAN (Unverified)
- NG: Nithyashree GD (Unverified)
- VK: Vaibhan K (Unverified)
- VJ: VISHESH J (Unverified)
- J: Jitna (Unverified)
- H: HoD - AI & DS
- BG: Bhuvan Gowda (External)
- S: shalini.s (Unverified)
- CC: CHANDHANA C (External)
- G: GEETHALAXMI (Unverified)
- KP: K Padma Priya (Unverified)

1/3 >



# Audience Attending the Workshop Through Offline Mode



## Permission Letter

# Permission Letter



# Budget

APPLICATION FOR		
ANNEXURE - I		
1) <u>OBTAINING THE PRIOR APPROVAL FOR CONDUCTING / PARTICIPATING IN THE EVENT</u>		
2) <u>REQUEST FOR ADVANCE TO ORGANISE/PARTICIPATE IN THE EVENT &amp; OTHER PURPOSES</u>		
Name of the Institution	Don Bosco Institute of Technology	
Name of the Department	Department of Artificial Intelligence and Data Science	
Name of the Employee authorised to receive the advance & account for it	Dr. Gowramma G S	
Details of Bank Account of the authorised person to receive the advance	Name of the Bank	ICICI Bank
	Account Number	263701510071
	IFSC Code	ICIC0002637

## EVENT ORGANISED BY OUR INSTITUTIONS:

Description of the event proposed to be organised	FDP on "Interactive Dashboards for storytelling with Tableau and Power BI"
Proposed dates of conducting the event	13.09.2024 to 14.09.2024
Venue of the event	Seminar Hall AI&DS
Reasons for organising the event	The core objective of the FDP is to demystify the different topics in Data Science, tools used in different applications, opportunities for the benefit of faculties.
How organising the event is going to benefit the Institution?	This FDP has been organized to enhance the knowledge of the faculties as it is newly introduced in the syllabus.
Whether the proposed event involves outstation deputation of students/staff	No
If so, mention the duration of outstation deputation	No

## EVENT ORGANISED BY OTHER INSTITUTIONS:

Name of the Institution organising the event	NA
Proposed dates of conducting the event	NA
Venue of the event	NA
Reasons for participating in the event	NA
Whether the proposed event involves outstation deputation of students/staff	NA
If so, mention the duration of outstation deputation	NA
How participating in the event is going to benefit the Institution?	NA

ESTIMATED EXPENDITURE PROPOSED TO BE INCURRED:		
The following are the estimates of expenditure for organizing / participating in the event mentioned above:		
Sl. No.	Description of the Expenditure	Amount
1	Speaker Remuneration	12000
2	Lunch for the Resource Person & Internal Faculties	2000
3	Tea and Snacks	500
4	Certificate	2000
5	Memento and Miscellaneous	1500
Total of estimated expenditure		18000
Advance amount requested for organizing / participating in the event mentioned		

**We request as under:**

- 1) Approval for organising / participating in the event / other purposes mentioned above
- 2) Approval for incurring expenditure as estimated above
- 3) Approval for release of advance of Rs. 4000 towards organising / participating in the event / other purposes. The advance may be credited to the Bank Account of the official mentioned above.

**We also undertake that:**

- 1) All out efforts will be made to ensure that the expenditure under various heads will be within the estimated expenses
- 2) In the event of any unforeseen expenditure is required to be incurred, other than the estimated expenditure mentioned above, the fact will be brought to the notice of the Management through proper channel for prior approval
- 3) The final bill will be submitted to facilitate reversal of advance availed, within 10 days of the event, failing which the salary payable to the authorised official may be held up till submission of final bill.

Date: 10/9/24 Authorised Official *S. Manjanna*  
HOD, AI & DS Dept.

Cost of items marked (*) found to be in order	Recommended <i>B. Nagabhushan</i> Principal, _____ Dated: _____	Scrutinised & Recommended  Group Finance Dated: _____	Approved as Recommended <i>[Signature]</i> Secretary / Vice President Dated: _____
Manager, Infra & Facility Dated: _____			

FOR USE BY ACCOUNTS THE DEPARTMENT		
1. Application verified & in order	Verified & Entered By Name: _____ Date: _____	Verified Manager (Accounts) Date: _____
2. Entered in Tally under Voucher No. _____		
3. Entered in the Register for follow-up		





Don Bosco Institute of Technology **RP** — □ ×

Camera Mic Share **Leave**

### Participants

Type a name 🔍

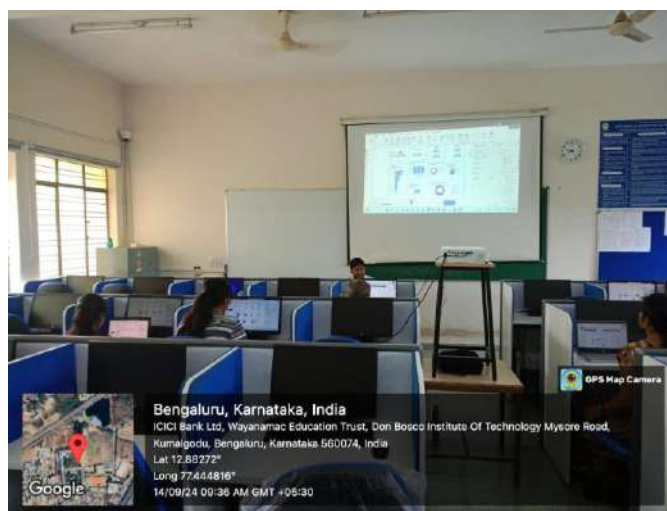
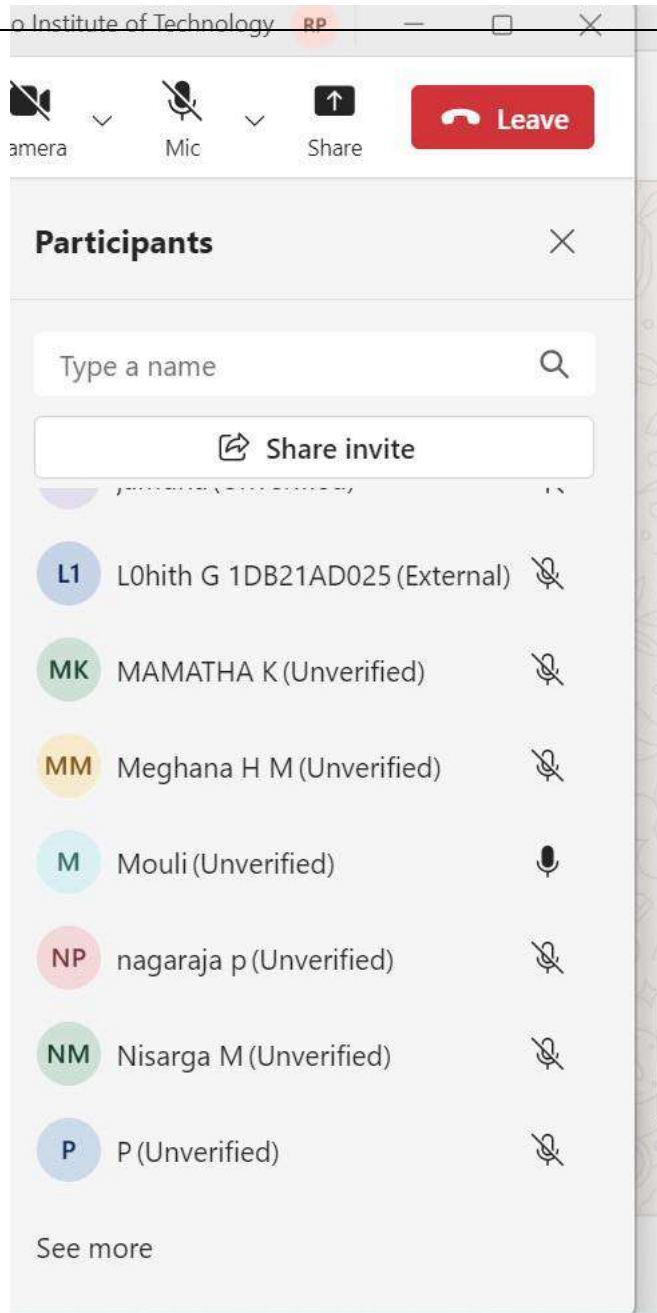
🔗 Share invite

▼ In this meeting (35) **Mute all**

- RP** Ranjini P.S. 🔇
- AR** Aishwarya R (External) 🔇
- A** Augustin (Unverified) 🔇
- CN** chaitra k n (Unverified) 🔇
- CC** CHANDHANA C (External) 🔇
- DM** Dr S G Makanur (Unverified) 🔇
- DG** Dr. Jalaja G (Unverified) 🔇
- DK** Dr. Shaila K (Unverified) On hold









Camera Mic Share Leave

### Participants

Type a name

Share invite

- DK Dr. Shaila K (Unverified)
- G GAGAN (Unverified)
- G GEETHALAXMI (Unverified)
- HJ Harisha K J (Unverified)
- H HoD - AI & DS Organizer
- J jamuna (Unverified)
- L1 L0hith G 1DB21AD025 (External)
- MK MAMATHA K (Unverified)







# DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalgodu, Mysuru Road, Bengaluru-74, Karnataka



Student Development Program  
Report On

## “Mini Project Using Full Stack Angular J S and MySQL”

### Resource Person

Mr. Vivek V Pai

Innovator and Engineering Partner

### Convener

Dr. Gowramma G S

Professor and Head

Dept. of AI & DS, DBIT, Bangalore



### Coordinated by

Prof. Meghana H M

Assistant Professor, DBIT, Bangalore

### Held at

AI & DS Lab, DBIT, Bengaluru

From 20<sup>th</sup> February – 24<sup>th</sup> February

AY-2023-2024

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Programme Flow	7
Brief Report about the Programme	8
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# Authentication Page.

## A REPORT ON - “Mini Project Using Full Stack Angular J S and MySQL”

### Coordinated by:

Prof. Meghana H M  
Assistant Professor  
Dept. of DBIT, Bangalore

Held at Don Bosco Institute of Technology on 20-02-2024 to 24-2-2024

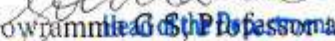
### Chief Guest:

Mr. Vivek V Pai  
Innovator and Engineering Partner


Academic Year: 2023-2024

  
Prof. Meghana H M., Assistant Professor,  
Department of AI & DS

Signature of the Convener with date:

  
Dr. Gowdanna G S, Assistant Professor and Head  
Dept. of Artificial Intelligence & Data Science  
Department of AI & DS  
Don Bosco Institute of Technology,  
Kumbalagodu, Mysore Road,  
Bangalore-560074

Signature of the Head-IQAC with date:

  
Director - IQAC  
Don Bosco Institute of Technology  
Mysore Road, Kumbalagodu  
Bengaluru-560 074

Signature of the Principal with date:

A  
G

# Invitation



## Department of Artificial Intelligence and Data Science

### Student Development Program on “Mini Project Using Full Stack Angular J S and MySql”

Date : 20-02-2024    Venue: Computer Networks Lab, AI & DS.    Time : 09.00 AM - 5.00 PM  
to  
24-02-2024

#### Resource Person

**Vivek Pai**  
Innovator and Engineering Partner

#### PRESIDED BY

**Sri. B. Bylappa**  
President, WET

**Sri. P.B. Manjunath**  
Executive Director, DBIT

**Sri. Raghav Bylappa**  
Secretary, WET

#### ORGANIZING CHAIRS

**Dr. Gowramma G S**  
HoD, Dept. AI & DS, DBIT

**Dr. Nataraj K R**  
Dean & Director, DBIT

**Dr. B S Nagabhushana**  
Principal, DBIT

#### Faculty Co-ordinator

**Prof. Meghana H M**  
Assistant Professor  
Dept. AI & DS, DBIT



## Permission Letter



Wayanamac Education Trust ®  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Kumbalagodu, Mysore Road, Bengaluru-560 074.  
**Department of Artificial Intelligence and Data Science**



DBIT/AI&DS/2023-24/030

Date: 18-02-2024

From,  
AI&DS Department  
DBIT.

To,  
Principal  
DBIT, Kumbalagodu,  
Bangalore-560074

Respected Sir,

Subject: Request for conducting Student Development Programme on “Mini Project using Full Stack Angular JS & MySQL” in our department.

We the undersigned kindly request you to permit us to conduct the Student Development Programme on “Mini Project using Full Stack AngularJS & MySQL” for 5<sup>th</sup> semester students in our department from 20-02-2024 to 24-02-2024

Thanking you

Yours's Sincerely,

  
CoOrdinator

  
Head of Department,  
Dept. of Artificial Intelligence & Data Science  
Don Bosco Institute of Technology,  
Kumbalagodu, Mysore Road,  
Bangalore-560074

  
PRINCIPAL  
PRINCIPAL  
Don Bosco Institute of Technology,  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074.



## **Biodata of the Resource Person**

### **Mr. Vivek V Pai**

Innovator and Engineering Partner.

Angular Developer

Mr. Vivek V Pai, He is Alumni of Don Bosco Institute of Technology, currently working as Innovator and front end Developer.

He Served Guest lecture in Angular JS Development at Don Bosco Institute of Technology

He is enrolled for Masters in Computer science and Engineering part time in UK. He has participated 2 Notational level workshops and Team leader for web development in DBISEL Innovation Lab.

### **Address**

#### **Mr. Vivek V Pai**

Innovator and Engineering Partner.

Angular Developer

Channarapatna, Karnataka

Ph No : 8618691497

Mail Id paivivek002@gmail.com



Wayanamac Education Trust ®

## DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalgodu, Mysore Road, Bengaluru-560 074.

Department of Artificial Intelligence and Data Science



**Student Development program on  
“MINI PROJECT USING FULL STACK ANGULAR JS & MYSQL”**

Day	Event	Presenter
20-02-2024 9:00 am to 4:45 pm	Introduction to workshop Introduction to <u>MySql</u> , Applications of <u>MySql</u>	Mr. <u>Vivek V Pai</u> Innovators and Engineering partner
14-05-2024 9:00 am to 4:45 pm	Introduction to Angular JS, Node JS	
15-05-2024 9:00 am to 4:45 pm	Hands on Session1	
16-05-2024 9:00 am to 4:45 pm	Hands on Session2	
17-05-2024 9:00 am to 4:45 pm	Mini project creation using Angular JS and <u>MySql</u>	



# Don Bosco Institute of Technology, Bangalore

(NAAC Accredited Institution)

SDP on

## “Mini Project Using Full Stack Angular J S and MySQL”

### Objectives:

AngularJS is a structural framework for dynamic web apps. It lets you use HTML as your template language and lets you extend HTML's syntax to express your application's components clearly and succinctly. AngularJS's data binding and dependency injection eliminate much of the code you would otherwise have to write. And it all happens within the browser, making it an ideal partner with any server technology.

AngularJS is what HTML would have been, had it been designed for applications. HTML is a great declarative language for static documents. It does not contain much in the way of creating applications, and as a result building web applications is an exercise in *what do I have to do to trick the browser into doing what I want?*

### Brief Report on the event

The MySQL database has been a reliable workhorse for web applications for many years. It is the M in the LAMP stack, and powers a huge number of web servers across the world.

MySQL is also a relational database, with data stored in tables with strict data definitions. Rows in tables correspond to data entries and rows in one table can be referenced from another table through their index. Plenty of literature covers the fundamentals of SQL and best practices in designing relational databases for large applications.

AngularJS simplifies application development by presenting a higher level of abstraction to the developer. Like any abstraction, it comes at a cost of flexibility. In other words, not every app is a good fit for AngularJS. AngularJS was built with the CRUD application in mind. Luckily CRUD applications represent the majority of web applications. To understand what AngularJS is good at, though, it helps to understand when an app is not a good fit for AngularJS.

Games and GUI editors are examples of applications with intensive and tricky DOM manipulation. These kinds of apps are different from CRUD apps, and as a result are probably not a good fit for AngularJS. In these cases it may be better to use a library with a lower level of abstraction, such as jQuery



## Audience



Wayanamac Education Trust ®  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
 Mysuru Road, Kumbalagodu, Bengaluru-560 074.  
 Department of Artificial Intelligence and Data Science



**Academic Year: Nov 2023 – Mar 2024**  
**Mini Project Using Full stack Angular JS and MySQL**

**Semester : 5th**

**Attendance List**

Sl. No	USN	Name	20-2-24	21-2-24	22-2-24	23-2-24	24-2-24
1	1DB21AD001	ABHINAV S	P	P	P	P	A
2	1DB21AD002	ABHISHEK	P	P	P	P	P
3	1DB21AD003	ABHISHEK P	P	P	P	P	P
4	1DB21AD004	ADITI	P	P	P	A	P
5	1DB21AD005	AKASH	P	P	A	P	P
6	1DB21AD006	AMEENA K	P	P	P	P	P
7	1DB21AD007	ANKITH A KHARVI	P	P	P	P	
8	1DB21AD008	ANUSHKA ANIL PATIL	P	P	P	A	P
9	1DB21AD009	BHUMIKA	P	P	P	P	P
10	1DB21AD010	CHANDAN H N	P	P	A	P	P
11	1DB21AD011	DARSHAN B H	P	P	P	P	P
12	1DB21AD012	DHANU S ANAND	P	P	P	P	P
13	1DB21AD013	DHRUVA G	P	P	P	P	P
14	1DB21AD014	DIVJA VYSHNAVI V	P	P	P	P	P
15	1DB21AD015	GIRISH GOWDA K S	P	A	A	P	A
16	1DB21AD016	GOURAV M	P	P	P	P	P
17	1DB21AD017	GRISHMA N KOTIAN	P	P	A	P	P
18	1DB21AD018	HARDALLI SANCHITH SHETTY	P	P	P	P	A
19	1DB21AD019	HARSHITHA M	P	P	P	P	P
20	1DB21AD020	INDUSHREE M	P	P	P	P	P
21	1DB21AD021	JAWALKAR CHARAN	P	P	P	P	P
22	1DB21AD022	KOUSTHUBA B S	P	P	P	P	P
23	1DB21AD023	H K LIKITH KUMAR	P	P	P	P	P
24	1DB21AD024	LIKITH VIVEK U	P	P	P	A	P
25	1DB21AD025	LOHITH G GOWDA	P	P	P	P	P
26	1DB21AD026	MEGHA S D	P	P	A	P	P
27	1DB21AD028	NAVANEETH GOWDA	P	P	P	P	P
28	1DB21AD029	NIRANJAN N	P	A	P	P	A
29	1DB21AD030	NISARGA M	P	A	P	A	P

30	1DB21AD031	NISARGA M K	P	A	P	P	P
31	1DB21AD032	R SUDEEP RATHOD	P	P	P	P	P
32	1DB21AD033	P VARSHAA	P	P	A	P	P
33	1DB21AD034	PALLAVI M	P	A	P	P	P
34	1DB21AD035	PREETHI S	A	P	A	A	A
35	1DB21AD036	PREMKUMAR M K	P	P	P	P	P
36	1DB21AD037	PRIYANKA	P	A	P	P	P
37	1DB21AD038	RAHUL BABU B U	P	P	P	P	P
38	1DB21AD039	RAJU Y	A	P	P	P	P
39	1DB21AD040	RAKSHITH K	P	A	P	P	P
40	1DB21AD041	RANGAPPA THIMMAPPAGARI RAKESH	P	P	P	P	P
41	1DB21AD042	RANJAN C NAIK	P	A	P	P	A
42	1DB21AD043	REVANTH S	P	P	P	P	P
43	1DB21AD044	RISHAB PURBA	P	P	P	P	P
44	1DB21AD045	SAMRUDH M	P	P	P	P	P
45	1DB21AD046	SANDEEP K R	A	A	P	P	P
46	1DB21AD047	SHREYAS GOWDA H	P	A	P	P	P
47	1DB21AD048	SUDHEENDRA H R	P	P	P	P	P
48	1DB21AD049	UDAY HARISH GOWDA	P	P	P	P	P
49	1DB21AD050	ULLAS S	P	P	P	P	P
50	1DB21AD051	UTTAM A	P	P	P	P	P
51	1DB21AD052	VAISHNAVI KRISHNANAND SHENVI	P	P	P	P	P
52	1DB21AD053	VANDANA CATHERINE	P	P	P	P	P
53	1DB21AD054	VINAY G R	P	P	P	A	A
54	1DB22AD400	CHANDANA V	P	P	P	A	P
55	1DB22AD401	JYOTHIKA M P	P	P	P	P	P
56	1DB22AD402	MOHAMMED FAIZAAN	P	P	P	P	P
57	1DB22AD403	MUKTHA S A	P	P	P	P	P
58	1DB22AD404	PREETHI M N	P	P	A	P	P
59	1DB22AD405	YATHISH B	P	P	P	P	P

*Jannane*  
HoD

## Photo Gallery



## Summary

The SDP was well-organized and informative, and the attendees left feeling more knowledgeable and aware of the importance of Angular JS with Database. Overall, the SDP was a great success in delivering the topic of Full Stack Development.



# DON BOSCO INSTITUTE OF TECHNOLOGY

Kumbalgudu, Mysuru Road, Bengaluru-74, Karnataka



Dept. of Artificial Intelligence and Data Science  
Organized FDP on

## “Data Science and its Applications”

Resource Person

Dr. Ranjini P S

Professor, Dept of AI & DS, DBIT, Bangalore

Dr. Gowramma G S

Professor and Head, Dept of AI & DS, DBIT, Bangalore

Mr. Hemanth Kumar

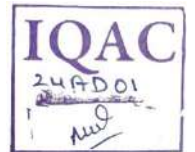
Data Scientist, Brillio Technologies, Pvt. Lmt

Convener

Dr. Gowramma G S

Professor and Head

Dept. of AI & DS, DBIT, Bangalore



Coordinated by

Mrs. Meghana H M, Assistant Professor, DBIT, Bangalore

Mrs. Mamatha K, Assistant Professor, DBIT, Bangalore

Held at

AI & DS Lab, DBIT, Bengaluru

From 13<sup>th</sup> May to 17<sup>th</sup> May 2024

AY-2023-2024

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# Authentication Page.

## A FDP REPORT ON - "Data Science and its Applications"

### Coordinated by:

Mrs. Meghana H M, Assistant Professor, Dept. of DBIT, Bangalore

Mrs. Mamatha K, Assistant Professor, Dept. of DBIT, Bangalore

Held at Don Bosco Institute of Technology on **13-05-2024 to 17-05-2024**

### Chief Guest:

Mr. Hemanth Kumar

Data Scientist, Brillio Technologies, Pvt. Lmt

**Academic Year: 2023-2024**

### Signature of the Coordinator with date:

  
Prof. Meghana H M., Assistant Professor,  
Department of AI & DS

  
Prof. Mamatha K, Assistant Professor,  
Department of AI & DS

### Signature of the Convener with date:

  
Dr. Gowramma G.S  
Professor & HOD  
Department of AI&DS  
Department of Artificial Intelligence & Data Science  
Don Bosco Institute of Technology,  
Kumbalagodu, Mysore Road,  
Bangalore-560074

### Signature of the Head-IQAC with date:

  
Director - IQAC  
Don Bosco Institute of Technology  
Mysore Road, Kumbalagodu  
Bangaluru-560 074

### Signature of the Principal with date:

  
PRINCIPAL  
Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074





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# DON BOSCO INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belagavi, Approved by AICTE New Delhi & Recognised by Govt. of Karnataka, Accredited by NBA & NAAC)

Kumbalagodu, Mysuru Road, Bengaluru - 560074



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AICTE  
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VTU  
Belagavi



Recognised by the  
Government of  
Karnataka



Accredited by  
NAAC  
Bangalore



Accredited by  
NBA  
New Delhi



## Department of Artificial Intelligence and Data Science



Organizing a Faculty Development Program(FDP) on

**"DATA SCIENCE AND ITS APPLICATIONS"**

In Association with

Institution's Innovation Council (IIC)



Date : 13-05-2024 to 17-05-2024 Venue : AI & DS Seminar Hall.

Time : 09.00AM - 5.00 PM

### Resource Persons

**Mr. GaneshLaxminarayan  
Bhat**  
Solution Architect RPA  
and AI Novato Solutions

**Mr. Hemanth Kumar A**  
Data Scientist,  
BrillioTechnologies  
Private limited

**Dr. Ranjini P. S**  
Professor,  
Dept of AI & DS

PRESIDED BY

**Sri. B. Bylappa**  
President. WET

**Sri. P.B. Manjunath**  
Executive Director. DBIT

**Sri. Raghav Bylappa**  
Secretary. WET

ORGANIZING CHAIRS

**Dr. Gowramma G S**  
HoD, Dept. AI & DS , DBIT

**Dr. Nataraj K R**  
Dean & Director , DBIT

**Dr. B S Nagabhushana**  
Principal, DBIT

Faculty Co-ordinator

**Prof. Mamatha K**  
Assistant Professor  
Dept. AI & DS , DBIT

**Prof. Meghana H M**  
Assistant Professor  
Dept. AI & DS , DBIT



# Permission Letter



Wayanamac Education Trust ®  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Kumbalagodu, Mysore Road, Bengaluru-560 074.  
**Department of Artificial Intelligence and Data Science**



DBIT/AI&DS/2023-24/044

Date: 30-04-2024

From,  
HoD  
AI&DS Department  
DBIT.

To,  
Principal  
DBIT, Kumbalagodu,  
Bangalore-560074

Respected Sir,


Subject: Request for conducting Faculty Development Programme on “**Data Science and Its Applications**” in our department.

We the undersigned kindly request you to permit us to conduct the Faculty Development Programme on “**Data Science and Its Applications**” for faculties from 13-05-2024 to 17-05-2024.

Thanking you

Yours's Sincerely,

  
CoOrdinator

  
HoD 30/4/24  
Head of the Department,  
Dept. of Artificial Intelligence & Data Science  
Don Bosco Institute of Technology,  
Kumbalagodu, Mysore Road,  
Bangalore-560074

  
PRINCIPAL  
PRINCIPAL  
Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074.

# Executive Approach

Invitation for the FDP Program as a Recourse Person ▸



**Meghana megha** <meghanachintu4@gmail.com>  
to Dr.Ranjini ▾

Sat, May 4, 12:31PM ☆ 😊 ↶ ⋮

Respected Professor,  
Hope you are doing well

Greeting from Co-Convener, DBIT, Bangalore

We are extremely happy to be associated with you for conducting Faculty Development Program on “**Data Science and Its Applications**”. We would be pleased if you could accept our invitation as a Resource Person for the session on 13-05-2024

Thanks and Regards  
Meghana H M  
Assistant Professor  
DBIT, Bangalore

Invitation for the FDP Program as a Resource Person ▸



**Meghana megha** <meghanachintu4@gmail.com>  
to hemanth.a ▾

Sat, May 4, 12:37PM ☆ 😊 ↶ ⋮

Hello sir,  
Hope you are doing well

Greeting from Co-Convener, DBIT, Bangalore

We are extremely happy to be associated with you for conducting Faculty Development Program on “**Data Science and Its Applications**”. We would be pleased if you could accept our invitation as a Resource Person for the session on 17-05-2024

Please go through the Module 5 syllabus, Invitation and Brochure in below attached Files.

Thanks and Regards  
Meghana H M  
Assistant Professor  
DBIT, Bangalore



## **Biodata of the Resource Person**

Mr. Hemanth Kumar

Data Scientist, Brillio Technologies, Pvt. Lmt

Mr. Hemanth Kumar, a seasoned data scientist with a blend of industry and research experience, excels in leveraging predictive modeling, data processing, and data mining algorithms to tackle business challenges. He possesses expertise in Machine Learning, Deep Learning, Statistics, Tableau, Python, API creation, Production Deployment, Azure Machine Learning, and Azure Data Bricks. Specializing in supply chain forecasting problems, he currently leads the Graph Machine Learning vertical at Brillio.

His portfolio includes collaborations with major clients such as Johnson & Johnson, Kenvue, Bristol Myers Squibb, and Coty, wherein he has implemented diverse data science solutions, ranging from building time forecast models to constructing biomedical knowledge graphs using unstructured data. He has also been involved in deploying NLP solutions for the EHS (Environment Health and Safety) department at Johnson & Johnson and Kenvue.

### **Address**

Mr. Hemanth Kumar

Data Scientist, Brillio Technologies, Pvt. Lmt

Bangalore, Karnataka

Ph No: 78297 76420

Mail Id: hemanth.a@brillio.com

# Programme Flow :

## FDP\_Program\_Flow



Wayanamac Education Trust @  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Kumbalgodu, Mysore Road, Bengaluru-560 074.  
Department of Artificial Intelligence and Data Science



### FIVE DAYS FACULTY DEVELOPMENT PROGRAM ON "DATA SCIENCE AND ITS APPLICATIONS"

Day	Event	Presenter
13-05-2024 9:00 am to 4:45 pm	<b>Day1: Introduction to Data Science</b> Linear Algebra Statistics Probability Gradient Descent	<b>Dr. Ranjni P S</b> Professor, Dept. of AI&DS, DBIT, Bangalore
14-05-2024 9:00 am to 4:45 pm	<b>Day2: Introduction to Python.</b> Installation of Anaconda Navigator. Numpy and Pandas Package. Getting Data Visualizing Data, Working with Data	<b>Dr. Gowramma G S</b> Professor and Head, Dept. of AI&DS, DBIT, Bangalore
15-05-2024 9:00 am to 4:45 pm	<b>Day3: Introduction to Machine Learning</b> k-Nearest Neighbors Naive Bayes Simple Linear Regression Multiple Regression Logistic Regression	<b>Mr. Ganesh Laxminarayan Bhat</b> Solution Architect RPA and AI Novato Solutions
16-05-2024 9:00 am to 4:45 pm	<b>Day4: Decision Tree</b> Neural Networks Deep Learning Clustering	<b>Mr. Ganesh Laxminarayan Bhat</b> Solution Architect RPA and AI Novato Solutions
17-05-2024 9:00 am to 4:45 pm	<b>Day5: Natural Language Processing</b> Recurrent Neural Networks Network Analysis Recommender Systems	<b>Mr. Hemanth Kumar A</b> Data Scientist, Brillio Technologies Private limited



# Don Bosco Institute of Technology, Bangalore

(NAAC Accredited Institution)

FDP on

## “Data Science and It’s Applications”



### Objectives:

1. Demonstrate the proficiency with statistical analysis of data to derive insight from results and interpret the data findings visually.
2. Utilize the skills in data management by obtaining, cleaning and transforming the data.
3. Make use of machine learning models to solve the business-related challenges.
4. Experiment with decision trees, neural network layers and data partition.
5. Demonstrate how social clustering shape individuals and groups in contemporary society.

### Brief Report on the event

Data science is defined as an interdisciplinary field that involves extracting knowledge and insights from data using scientific methods, algorithms, and systems. A data science is a structured educational program designed to teach individuals the foundational concepts, tools, and techniques of data science. Data Science is also known as the Future of Artificial Intelligence.

The core objective of the FDP is to demystify the different topics in Data Science, tools used in different applications, opportunities for the benefit of students and faculty This FDP covers comprehensive syllabus of 2021 VTU Scheme 6th semester IPCC: Integrated Professional Core Course “Data Science & its applications” with complete hands-on training from industry experts, academicians and alumni professionals are invited to handle the sessions. The FDP is open for all the students and staff members of Engineering and technology, as Data Science is a multidisciplinary domain.

As per NEP 2020 and VTU scheme 2021, “Data Science and Its Applications” has been introduced for the 6th semester B.E to cater the needs of current technology. This FDP has been organized to enhance the knowledge of the faculty.

### Course content:



- Introduction to Data Science
- Hypothesis and Inference
- Machine Learning
- Decision Trees
- Natural Language Processing

**Outcome of FDP:**

1. Identify and demonstrate data using visualization tools.
2. Make use of Statistical hypothesis tests to choose the properties of data curate and manipulate data.
3. Utilize the skills of machine learning algorithms and techniques and develop models.
4. Demonstrate the construction of decision tree and data partition using clustering.
5. Experiment with social network analysis and make use of natural language processing skills to develop data driven applications challenges.

## Audience

A total of 89 candidates attended this Faculty Development Program from Various Engineering Colleges to get the knowledge of Data Science and its Application.



# Budget:

ANNEXURE - I		
APPLICATION FOR		
1) <u>OBTAINING THE PRIOR APPROVAL FOR CONDUCTING / PARTICIPATING IN THE EVENT</u>		
2) <u>REQUEST FOR ADVANCE TO ORGANISE/PARTICIPATE IN THE EVENT &amp; OTHER PURPOSES</u>		
Name of the Institution	Don Bosco Institute of Technology	
Name of the Department	Department of Artificial Intelligence and Data Science	
Name of the Employee authorised to receive the advance & account for it	Dr. Gowramma G S	
Details of Bank Account of the authorised person to receive the advance	Name of the Bank	ICICI Bank
	Account Number	263701510071
	IFSC Code	ICIC0002637

EVENT ORGANISED BY OUR INSTITUTIONS:	
Description of the event proposed to be organised	FDP on Data Science & Its Applications
Proposed dates of conducting the event	13.05.2024 to 17.05.2024
Venue of the event	Seminar Hall AI&DS
Reasons for organising the event	The core objective of the FDP is to demystify the different topics in Data Science, tools used in different applications, opportunities for the benefit of faculties.
How organising the event is going to benefit the Institution?	This FDP has been organized to enhance the knowledge of the faculties as it is newly introduced in the syllabus.
Whether the proposed event involves outstation deputation of students/staff	No
If so, mention the duration of outstation deputation	No

EVENT ORGANISED BY OTHER INSTITUTIONS:	
Name of the Institution organising the event	NA
Proposed dates of conducting the event	NA
Venue of the event	NA
Reasons for participating in the event	NA
Whether the proposed event involves outstation deputation of students/staff	NA
If so, mention the duration of outstation deputation	NA
How participating in the event is going to benefit the Institution?	NA



ESTIMATE OF EXPENDITURE PROPOSED TO BE INCURRED:		
The following are the estimates of expenditure for organizing / participating in the event mentioned above:		
SNO	Description of the Expenditure	Amount
1	Speaker Remuneration	12000
2	Lunch for the Resource Person & Internal Faculties	5000
3	Tea and Snacks	500
4	Certificate	2000
5	Memento and Miscellaneous	3000
Total of estimated expenditure		22500
Advance amount requested for organizing / participating in the event mentioned		

**We request as under:**

- 1) Approval for organizing / participating in the event / other purposes mentioned above.
- 2) Approval for incurring expenditure as estimated above.
- 3) Approval for release of advance of Rs. 4000 towards organising / participating in the event / other purposes. The advance may be credited to the Bank Account of the official mentioned above.

**We also undertake that:**

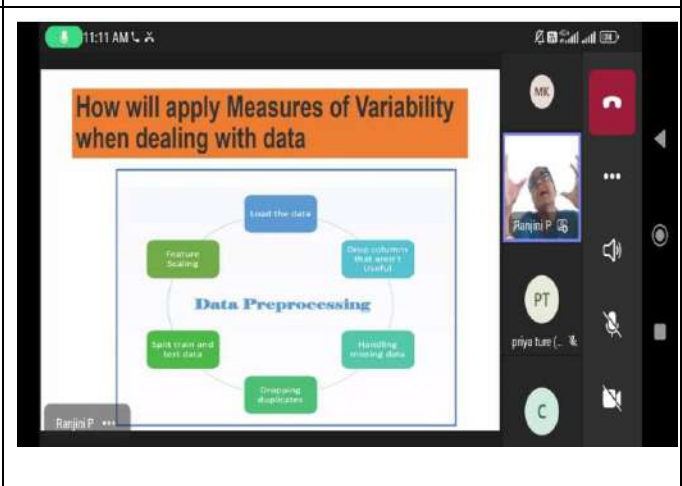
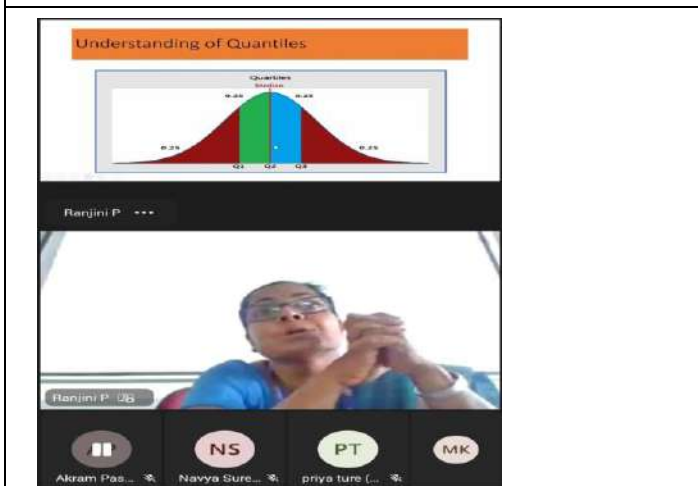
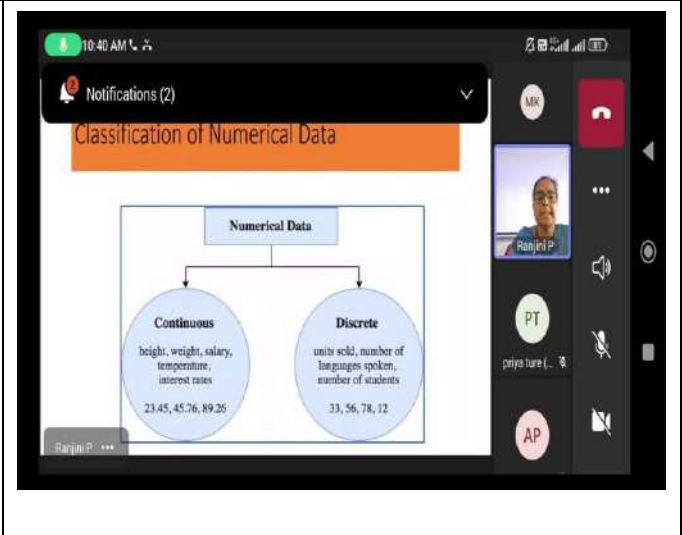
- 1) All out efforts will be made to ensure that the expenditure under various heads will be within the estimated expenses.
- 2) In the event of any unforeseen expenditure is required to be incurred, other than the estimated expenditure mentioned above, the fact will be brought to the notice of the Management through proper channel for prior approval.
- 3) The final bill will be submitted to facilitate reversal of advance availed, within 10 days of the event, failing which the salary payable to the authorised official may be held up till submission of final bill.

Date: 30/4/24 Authorised Official *Jannama*  
(HOD, AI & DS Dept.)

Cost of items marked (*) found to be in order	Recommended <i>[Signature]</i>	Scrutinised & Recommended	Approved as Recommended
Manager, Infra & Facility Dated: _____	Principal, Dated: _____	Group Finance Dated: _____	Secretary / Vice President Dated: _____

FOR USE BY ACCOUNTS THE DEPARTMENT		
	Verified & Entered By	Verified
1. Application verified & in order	Name: _____	Manager (Accounts)
2. Entered in Tally under Voucher No. _____	Date: _____	Date: _____
3. Entered in the Register for follow-up		

# Photo Gallery



## **Summary**

The Faculty Development Program on Data Science and its Applications” seeks to elevate participants’ expertise by providing a deep dive into data science principles, tools, and emerging trends. Focused on skill enhancement, the program imparts hands-on training in data analysis, machine learning, and visualization. Overall, the FDP was a great success in delivering the topic of Data Science and Its Applications.



**DON BOSCO INSTITUTE OF TECHNOLOGY**

Kumbalgudu, Mysuru Road, Bengaluru-74, Karnataka



REPORT ON

**“FORUM INAUGURATION DATASPHERE - 2024”**

Organized by

**“Dept. of AI & DS”**

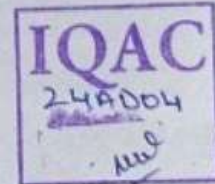
Coordinated by  
**Dr. Gowramma G.S**  
**Professor & HOD**  
**Department of AI&DS**

Held at

**B Block, DBIT, Bengaluru**

**On February 01, 2024**

**AY-2023-2024**



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# Authentication Page.

A REPORT ON - "FORUM INAUGURATION DATASPHERE - 2024"

**Coordinated by:**

Dr. Gowramma G.S Professor, Department of AI&DS

**Date and Venue:** Held at Don Bosco Institute of Technology on February 01, 2024

**Academic Year:** 2023-2024

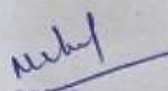
**Signature of the Coordinator with date:**

All the students and Staff

**Signature of the Convener with date:**

  
Dr. Gowramma G.S  
Professor & HOD  
Department of AI&DS  
School of the Department,  
Department of Artificial Intelligence & Data Science  
Don Bosco Institute of Technology,  
Kumbalagodu, Mysore Road,  
Bangalore-560074

**Signature of the Head-IQAC with date:**

  
Director - IQAC  
Don Bosco Institute of Technology  
Mysore Road, Kumbalagodu  
Bangaluru-560 074

**Signature of the Principal with date:**

  
PRINCIPAL  
Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074.





*Invitation designed for the inauguration day*

**Technical Forum**  
Dept. of Artificial Intelligence and Data Science  
DBIT, Bengaluru

# PERMISSION LETTER

Wayanamac Education Trust ®  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Kumbalagodu, Mysuru Road, Bengaluru-560 074.  
Department of Artificial Intelligence and Data Science

DBIT/AI&DS/2023-24/017 Date: 27-01-2024

From,  
HoD  
AI&DS Department  
DBIT.

To,  
The Principal  
DBIT, Kumbalagodu,  
Bengaluru-560074

Respected Sir,

Subject : Request for the inauguration of the department Forum & Fresher's Day Celebration.

With reference to above subject we wish to bring it to your kind notice that we are planning to conduct inauguration of department Forum followed by a technical event on 1<sup>st</sup> February 2024 and Fresher's day celebration on 2<sup>nd</sup> February 2024. I am requesting permission for the days with kindness.  
Do the needful.

Thanking you

Yours's truly  
*Jayarama*  
Dr. Gowramma G S 27/1/24  
Head of the Department,  
Dept. of Artificial Intelligence & Data Science  
Don Bosco Institute of Technology,  
Kumbalagodu, Mysore Road,  
Bangalore-560074

*permitted*  
*[Signature]*  
27/1/24.

# PROGRAMME FLOW

**Date:01-02 -2024**

**Venue: B Block**

<b>Sl. No</b>	<b>Time Schedule</b>	<b>Event Description</b>	<b>In-charge</b>
<b>1</b>	<b>10.00 Am – 10.15 Am</b>	<b>Welcome Address</b>	<b>Student</b>
<b>2</b>	<b>10.15 Am – 10.25 Am</b>	<b>Invocation</b>	<b>Student</b>
<b>3</b>	<b>10.25 Am – 10.30 Am</b>	<b>Lighting of the Lamp by dignitaries</b>	
<b>4</b>	<b>10.30 Am - 10.40 Am</b>	<b>Introduction of the Chief Guest</b>	<b>Student</b>
<b>5</b>	<b>10.40 Am – 11.40 Am</b>	<b>Keynote Address by the Chief Guest</b>	
<b>6</b>	<b>11.40 am – 11.45 Am</b>	<b>Felicitation to the Chief Guest</b>	<b>Dr. Gowramma G.S</b>
<b>7</b>	<b>11.45 pm – 11.50 Am</b>	<b>Vote of Thanks</b>	<b>Student</b>

Dr. Gowramma G.S

Professor, HOD,

Department of AI&DS

**Convener**





**Don Bosco Institute of Technology,  
Bangalore**

(NAAC Accredited Institution)

**Dept. of AI & DS**

**“FORUM INAUGURATION DATASPHERE - 2024”**



# **BRIEF REPORT ABOUT THE PROGRAMME**

For students to simulate innovative ideas by bringing together diverse perspectives and expertise to help them throughout their career. Betterment of students by enlightening them on the industrial sector along with technical knowledge. Further improvement of their skills other than but including technical section along with project management, team building, public speaking and other soft skills required to help them survive and flourish in the industry

With the basic view as mentioned above department of Artificial Intelligence and Data Science were thrilled to have a technical forum and for which the students with rigorous planning and under the guidance of our most experienced faculty and support of the management created the forum named DATASPHERE.

Students as group planned the structure of the forum then unanimously got a name for the forum and students with design expertise created a suitable logo. The final logo was one among the 50 logos created by students.



**Don Bosco Institute of Technology,  
Bangalore**  
(NAAC Accredited Institution)  
**Dept. of AI & DS**



**“FORUM INAUGURATION DATASPHERE - 2024”**

## **INAUGURATION DAY**

Everything was set, the forum was structured and designed carefully to meet the objectives, forum name was ready and a perfect logo was designed. The forum had to be inaugurated and the date was set. Students designed invites and the invitations were sent to all departments for the inauguration day.

On February 01, 2024 forum was inaugurated and the logo was unveiled by the principal and HoD of AI & DS department in presence of all other dignitaries.

Dr. Gowramma HoD, Dept. of AI & DS shared her views and objectives of the forum with all the dignitaries. Principal and placement officer congratulated and showered appreciation for the department and shared their valuable guidance with students for the betterment of the forum in the future.



**Don Bosco Institute of Technology,  
Bangalore**  
(NAAC Accredited Institution)  
**Dept. of AI & DS**



**“FORUM INAUGURATION DATASPHERE - 2024”**

## **OBJECTIVES OF DATASPHERE**

**Knowledge Exchange:** Members share insights, latest research, and practical applications, fostering a collaborative environment for learning and staying updated in AI and data science. Referring courses from Udemy, Coursera, NPTEL, LinkedIn Learning etc.

**Networking Opportunities:** The forum provides a platform for professionals, researchers, and enthusiasts to connect, facilitating valuable networking opportunities within the AI and data science community such as LinkedIn etc.

**Project Collaboration:** Members can initiate and join collaborative projects, fostering teamwork and innovation in solving real-world problems using AI and data science techniques.

**Resource Repository:** A centralized repository for resources, including research papers, tutorials, and code snippets, helps members access a wealth of information to enhance their skills and understanding. For example, the resources will be made available on Git-hub and many other platforms.

**Problem-solving Hub:** The forum serves as a platform to seek help and provide solutions to challenges encountered in AI and data science projects, creating a supportive community for problem-solving along with links to competitive programming platforms like Leetcode, Hackerrank, Codeforces.

**Hackathons and Challenges:** Organizing regular hackathons and challenges encourages members to apply their skills, fostering a competitive yet collaborative spirit within the community.

**Professional Development:** Discussions on career development, certifications, and industry trends empower members to make informed decisions about their professional growth in the rapidly evolving field.

**Guest Speaker Series:** Hosting expert speakers, industry leaders, and researchers can offer valuable insights, cutting-edge knowledge, and real-world experiences, enriching the learning experience for members.





## Don Bosco Institute of Technology, Bangalore

(NAAC Accredited Institution)

Dept. of AI & DS

“FORUM INAUGURATION DATASPHERE - 2024”



# WHIZWIZARD SHOWDOWN

On the inauguration day Datasphere hosted an interdepartmental quiz named WHIZWIZARD SHOWDOWN for students of 2<sup>nd</sup> and 3<sup>rd</sup> year engineering students. A total of 90 teams (approx. 200 students) participated through 3 rounds of MCQs, Deciphering and buzzer round respectively. Winner was awarded with certificate and a cash prize of Rs.1500 and runner up team was awarded with certificate and a cash prize of Rs.1000.



*Invitation designed for the Quiz*

# AUDIENCE



Wayanamac Education Trust @  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
 Kumbalagodu, Mysuru Road, Bengaluru-560 074.  
 Department of Artificial Intelligence and Data Science



Academic Year: Nov 2023 – Mar 2024

SL. No	USN	Name	Signature
1	1DB22AD001	ABHISHEK J P	<i>Abhishek J P</i>
2	1DB22AD002	ABHISHEK PYATI	<i>Abhishek Pyati</i>
3	1DB22AD003	ABID NOORAHMED GOGI	<i>Abid Noorahmed Gogi</i>
4	1DB22AD004	ADARSH	<i>Adarsh</i>
5	1DB22AD005	AISHWARYA R	<i>Aishwarya R</i>
6	1DB22AD006	ANUSH G	<i>Anush G</i>
7	1DB22AD007	ARUN V SAJJAN	<i>Arun V Sajjan</i>
8	1DB22AD008	BABY SHALINI S	<i>Baby Shalini S</i>
9	1DB22AD009	BHANU AKSHATHA J	<i>Bhanu Akshatha J</i>
10	1DB22AD010	C KEERTHAN	<i>C Keertan</i>
11	1DB22AD011	CETHAN K S	<i>Chethan K S</i>
12	1DB22AD012	CETHANA M	<i>Chethana M</i>
13	1DB22AD013	CETHANGIRI K	<i>Chethangiri K</i>
14	1DB22AD014	DARSHAN K B	<i>Darshan K B</i>
15	1DB22AD015	DARSHAN M	<i>Darshan M</i>
16	1DB22AD016	DEEPASHREE C R	<i>Deepashree C R</i>
17	1DB22AD017	DHANUSH A B	<i>Dhanush A B</i>
18	1DB22AD018	G R SANJANA	<i>G R Sanjana</i>
19	1DB22AD019	GAGAN GOWDA P	<i>Gagan Gowda P</i>
20	1DB22AD020	GIRISH BABU L	<i>Girish Babu L</i>
21	1DB22AD021	HARSHINI UMESH	<i>Harshini Umesh</i>
22	1DB22AD022	JASHWANTH R	<i>Jashwanth R</i>
23	1DB22AD023	KUSHAL H K	<i>Kushal H K</i>
24	1DB22AD024	LAVANYA T	<i>Lavanya T</i>
25	1DB22AD025	LIKITH M Y	<i>Likith M Y</i>
26	1DB22AD026	M SINCHANA	<i>M Sinchana</i>
27	1DB22AD028	MOHAMMED RAAZI	<i>Mohammed Raazi</i>
28	1DB22AD029	MONISHA S P	<i>Monisha S P</i>
29	1DB22AD030	MOURYA GANGADHAR R	<i>Mourya Gangadhar R</i>
30	1DB22AD031	NAVYASHREE J	<i>Navyashree J</i>

31	1DB22AD032	NAYANA B M	<i>[Signature]</i>
32	1DB22AD033	NIKESH	<i>[Signature]</i>
33	1DB22AD034	PEEYUSH CHOUDHARY	<i>[Signature]</i>
34	1DB22AD035	POOJA V S	<i>[Signature]</i>
35	1DB22AD036	PRAMODA C N	<i>[Signature]</i>
36	1DB22AD037	PRATIK PRAVEEN UPADHYE	<i>[Signature]</i>
37	1DB22AD038	PREETHAM H	<i>[Signature]</i>
38	1DB22AD039	HARINI R	<i>[Signature]</i>
39	1DB22AD040	R SAI VAMSHI REDDY	<i>[Signature]</i>
40	1DB22AD041	RAHUL S	<i>[Signature]</i>
41	1DB22AD042	ROHINI M	<i>[Signature]</i>
42	1DB22AD043	SAHANA K	<i>[Signature]</i>
43	1DB22AD044	SAMPADHA B H	<i>[Signature]</i>
44	1DB22AD045	SANA SHARMA	<i>[Signature]</i>
45	1DB22AD046	SANDHYA	<i>[Signature]</i>
46	1DB22AD047	SANJANA R	<i>[Signature]</i>
47	1DB22AD048	SHASHANKA	<i>[Signature]</i>
48	1DB22AD049	SHASHIKALA C	<i>[Signature]</i>
49	1DB22AD050	SPOORTHY S KANCHAN	<i>[Signature]</i>
50	1DB22AD051	SUMANTH D	<i>[Signature]</i>
51	1DB22AD052	SYED UROOJ AHMED	<i>[Signature]</i>
52	1DB22AD053	T SIRISHA	<i>[Signature]</i>
53	1DB22AD055	TEJASHWINI Y	<i>[Signature]</i>
54	1DB22AD056	UDAY S C	<i>[Signature]</i>
55	1DB22AD057	VAIBHAVI K	<i>[Signature]</i>
56	1DB22AD058	VIDHATHA M K	<i>[Signature]</i>
57	1DB22AD060	VINAY	<i>[Signature]</i>
58	1DB22AD061	VISHAL LOKESHWAR	<i>[Signature]</i>
59	1DB22AD062	YASHASWINI S R	<i>[Signature]</i>
60	1DB22AD063	YASHWANTH T P	<i>[Signature]</i>
61	1DB22AD064	SHREYA TIWARI	<i>[Signature]</i>
62	1DB23AD400	CHARANESH S	<i>[Signature]</i>
63	1DB23AD401	DARSHAN K	<i>[Signature]</i>
64	1DB23AD402	ERIC NEPOLEAN T	<i>[Signature]</i>
65	1DB23AD403	PAVAN KALYAN S	<i>[Signature]</i>
66	1DB23AD404	venu GOPAL NAIDU K R	<i>[Signature]</i>
67	1DB23AD405	VINOD AWATI	<i>[Signature]</i>

HoD  
(Dr. Gowramma G S)





Wayanamac Education Trust ®

**DON BOSCO INSTITUTE OF TECHNOLOGY**

Mysuru Road, Kumbalagodu, Bengaluru-560 074.

**Department of Artificial Intelligence and Data Science****5<sup>th</sup> Semester Students Attendance**

Sl No	USN	Name	Signature	
			Morning	Afternoon
1	1DB21AD001	ABHINAV S	<i>Abhinav</i>	<i>Abhinav</i>
2	1DB21AD002	ABHISHEK	<i>Abhishek</i>	<i>Abhishek</i>
3	1DB21AD003	ABHISHEK P	<i>Abhishek P</i>	<i>Abhishek P</i>
4	1DB21AD004	<del>ADITI</del>	<i>Aditi</i>	<i>Aditi</i>
5	1DB21AD005	AKASH	<i>Akash</i>	<i>Akash</i>
6	1DB21AD006	AMEENA K	<i>Ameena</i>	<i>Ameena</i>
7	1DB21AD007	ANKITH A KHARVI	<i>Ankith</i>	<i>Ankith</i>
8	1DB21AD008	ANUSHKA ANIL PATIL	<i>Anushka</i>	<i>Anushka</i>
9	1DB21AD009	BHUMIKA	<i>Bhumika</i>	<i>Bhumika</i>
10	1DB21AD010	CHANDAN H N	<i>Chandan</i>	<i>Chandan</i>
11	1DB21AD011	DARSHAN B H	<i>Darshan</i>	<i>Darshan</i>
12	1DB21AD012	DHANU S ANAND	<i>Dhanu</i>	<i>Dhanu</i>
13	1DB21AD013	DHRUVA G	<i>Dhruva</i>	<i>Dhruva</i>
14	1DB21AD014	DIVIJA VYSHNAVI V	<i>Divija</i>	<i>Divija</i>
15	1DB21AD015	GIRISH GOWDA K S	<i>Girish</i>	<i>Girish</i>
16	1DB21AD016	GOURAV M	<i>Gourav</i>	<i>Gourav</i>
17	1DB21AD017	GRISHMA N KOTIAN	<i>Grishma</i>	<i>Grishma</i>
18	1DB21AD018	HARDALI SANCHITH SHETTY	<i>Hardali</i>	<i>Hardali</i>
19	1DB21AD019	HARSHITHA M	<i>Harshitha</i>	<i>Harshitha</i>
20	1DB21AD020	INDUSHREE M	<i>Indushree</i>	<i>Indushree</i>
21	1DB21AD021	JAWALKAR CHARAN	<i>Jawalkar</i>	<i>Jawalkar</i>
22	1DB21AD022	KOUSTHUBA B S	<i>Kousthuba</i>	<i>Kousthuba</i>
23	1DB21AD023	H K LIKITH KUMAR	<i>Likith</i>	<i>Likith</i>
24	1DB21AD024	LIKITH VIVEK U	<i>Likith</i>	<i>Likith</i>
25	1DB21AD025	LOHITH G GOWDA	<i>Lohith</i>	<i>Lohith</i>
26	1DB21AD026	MEGHA S D	<i>Megha</i>	<i>Megha</i>
27	1DB21AD028	NAVANEETH GOWDA T	<i>Navaneeth</i>	<i>Navaneeth</i>
28	1DB21AD029	NIRANJAN N	<i>Niranjana</i>	<i>Niranjana</i>
29	1DB21AD030	NISARGA M	<i>Nisarga</i>	<i>Nisarga</i>

30	1DB21AD031	NISARGA M K	<u>Nisarga</u>	<u>Nisarga</u>
31	1DB21AD032	R SUDEEP RATHOD	<u>Sudeep</u>	<u>Sudeep</u>
32	1DB21AD033	P VARSHAA	<u>P</u>	<u>P</u>
33	1DB21AD034	PALLAVI M	<u>Pallavi</u>	<u>Pallavi</u>
34	1DB21AD035	PREETHI S	<u>Preethi</u>	<u>Preethi</u>
35	1DB21AD036	PREMKUMAR M K	<u>Prem</u>	<u>Prem</u>
36	1DB21AD037	PRIYANKA	<u>Priyanka</u>	<u>Priyanka</u>
37	1DB21AD038	RAHUL BABU B U	<u>Rahul</u>	<u>Rahul</u>
38	1DB21AD039	RAJU Y	<u>Raju</u>	<u>Raju</u>
39	1DB21AD040	RAKSHITH K	<u>Rakshith</u>	<u>Rakshith</u>
40	1DB21AD041	RANGAPPA THIMMAPPAGARI RAKESH	<u>Rakesh</u>	<u>Rakesh</u>
41	1DB21AD042	RANJAN C NAIK	<u>Ranj</u>	<u>Ranj</u>
42	1DB21AD043	REVANTH S	<u>Revant</u>	<u>Revant</u>
43	1DB21AD044	RISHAB PURBA	<u>Rishab</u>	<u>Rishab</u>
44	1DB21AD045	SAMRUDH M	<u>Samr</u>	<u>Samr</u>
45	1DB21AD046	SANDEEP K R	<u>Sandeep</u>	<u>Sandeep</u>
46	1DB21AD047	SHREYAS GOWDA H	<u>Shreyas</u>	<u>Shreyas</u>
47	1DB21AD048	SUDHEENDRA H R	<u>Sudheendra</u>	<u>Sudheendra</u>
48	1DB21AD049	UDAY HARISH GOWDA	<u>Uday</u>	<u>Uday</u>
49	1DB21AD050	ULLAS S	<u>Ullas</u>	<u>Ullas</u>
50	1DB21AD051	UTTAM A	<u>Uttam</u>	<u>Uttam</u>
51	1DB21AD052	VAISHNAVI KRISHNANAND SHENVI	<u>Vaishnavi</u>	<u>Vaishnavi</u>
52	1DB21AD053	VANDANA CATHERINE	<u>Vandana</u>	<u>Vandana</u>
53	1DB21AD054	VINAY G R	<u>Vinay</u>	<u>Vinay</u>
54	1DB22AD400	CHANDANA V	<u>Chandana</u>	<u>Chandana</u>
55	1DB22AD401	JYOTHIKA M P	<u>Jyothika</u>	<u>Jyothika</u>
56	1DB22AD402	MOHAMMED FAIZAAN	<u>Faizan</u>	<u>Faizan</u>
57	1DB22AD403	MUKTHA S A	<u>Muktha</u>	<u>Muktha</u>
58	1DB22AD404	PREETHI M N	<u>Preethi</u>	<u>Preethi</u>
59	1DB22AD405	YATHISH B	<u>Yathish B</u>	<u>Yathish B</u>

HoD

# PHOTO GALLERY



*5<sup>th</sup> Sem – AI & DS*



*3<sup>rd</sup> Sem – AI & DS*



# Snapshots of Inauguration Day



## SNAPSHOTS OF THE EVENT



## SNAPSHOTS OF THE FRESHER'S DAY





# SUMMARY

The creation of DATASPHERE, a technical forum by the Department of Artificial Intelligence and Data Science, reflects a commitment to fostering innovation and interdisciplinary learning among students. Led by a collaborative effort involving students, faculty, and management, DATASPHERE aims to enhance students' technical skills while also providing opportunities to develop crucial soft skills such as project management and public speaking. The forum's inception involved meticulous planning, logo design by students, and selection from among 50 designs, highlighting the department's vibrant creativity and talent pool. DATASPHERE stands poised to become a vital platform for collaboration and professional development, offering students the chance to exchange ideas and prepare for success in the industry.

**DON BOSCO INSTITUTE OF TECHNOLOGY**

Kumbalagodu, Mysuru Road, Bengaluru-74, Karnataka



REPORT

ON

**“Bridge Course on Basics of C Programming and its  
Applications to Data Structure”**

**Organised by**

Dr. Gowramma G.S, H.O.D of AI & DS Dept.

And

The faculty of AI & DS Dept.

**Held at**

Class room B-214, DBIT, Bengaluru.

On 20<sup>th</sup> November 2023

A.Y:2023-2024



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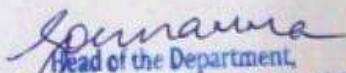
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A REPORT  
ON  
"Bridge Course on Basics of C Programming and  
its Application to Data Structure"

Academic Year: 2023-2024

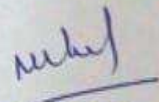
Signature of the Convener with date:

Dr. Gowramma G.S  
H.O.D of AI & DS Dept.

  
Head of the Department,  
Dept. of Artificial Intelligence & Data Science  
Don Bosco Institute of Technology,  
Kumbalagodu, Mysore Road,  
Bangalore-560074

Signature of the Head-IQAC with date:

Dr. Manjula  
Professor in Dept. of Mathematics

  
Director - IQAC  
Don Bosco Institute of Technology  
Mysore Road, Kumbalagodu  
Bengaluru-560 074

Signature of the Principal with date:

Dr. B.S Nagabhushana

  
PRINCIPAL  
Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074





WAYANAMAC EDUCATION TRUST®

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New Delhi



## Department of Artificial Intelligence and Data Science



INSTITUTION  
INNOVATION  
COUNCIL  
(Ministry of HRD Initiatives)



DATASPHERE  
EST 2024  
Technical Forum

### BRIDGE COURSE ON

### "BASICS OF 'C' PROGRAMMING & ITS APPLICATION TO DATA STRUCTURE"

Date : 20.11.2023 to 24.11.2023

Venue : Seminar Hall (B-220)  
AI & DS Dept.

### Resource Person

Prof. Kesav Murthy S  
Bangalore

#### PRESIDED BY

Sri. B. Bylappa  
President. WET

Sri. P.B. Manjunath  
Executive Director. DBIT

Sri. Raghav Bylappa  
Secretary. WET

#### ORGANIZING CHAIRS

Dr. Gowramma G S  
HoD, Dept. AI & DS , DBIT

Dr. Nataraj K R  
Dean & Director , DBIT

Dr. B S Nagabhushana  
Principal, DBIT

#### Faculty Co-ordinator

Mr. Sampath Kumar S  
Asst Professor  
Dept. AI & DS , DBIT



# Permission Letter



Wayanamac Education Trust ®

**DON BOSCO INSTITUTE OF TECHNOLOGY**

Mysore Road, Kumbalagodu, Bengaluru-560 074.

**Department of Artificial Intelligence and Data Science**



DBIT/AI&DS/2023-24/006A

Date: 09-11-2023

From,  
AI & DS Department,  
DBIT.

To,  
Principal  
DBIT, Kumbalagodu,  
Bangalore-560074

Respected Sir,  
**Subject:** Request for conducting Bridge Course on “Basics of C Programming and It's Applications to Data Structure” in our department.

We the undersigned kindly request you to permit us to conduct the Bridge Course on “Basics of C Programming and It's Applications to Data Structure” for 3rd semester students in our department on 20-11-2023.  
Thanking you

Yours truly,

  
HoD

Dr. Gowramma G S  
Professor & HoD  
Dept. of AI & DS  
Head of the Department,  
Dept. of Artificial Intelligence & Data Science  
Don Bosco Institute of Technology,  
Kumbalagodu, Mysore Road,  
Bangalore-560074

  
PRINCIPAL



## **Executive Approach**

Professor Keshava Murthy is a faculty in AI&DS Dept. He was orally contacted by H.O.D of AI & DS Dept., Professor Gowramma G.S to conduct this bridge course.

Professor Keshava Murthy agreed and conducted this bridge course for 3<sup>rd</sup> sem students for 5 days.

# Biodata of the Resource Person

## RESUME



S. KESHAV MURTHY  
Professor dept of AI&DS DBIT

RES. ADDRESS: NO 78, KRISHNAIAH

LAYOUT 23<sup>rd</sup> CROSS ITTAMADU

DBIT

Mysore road ,Bangalore  
Email: [skmmurthy107@yahoo.co.in](mailto:skmmurthy107@yahoo.co.in)  
Mob: 9480334282

BSK 3<sup>rd</sup> STAGE-BLORE-85

### PROFESSIONAL EXPERIENCE:

INDUSTRY: 1984-1998 (14 years)  
Deputy Manager,  
NGEF, POWER ELECTRONICS Division,  
Bangalore

### PROJECTS HANDLED at NGEF:

Speed and power control for process industries using Micro-processor(8085, 8086) and  
Micro-controllers (8251)

### TEACHING EXPERIENCE:

1. Associate Professor, since 1998 -2020(21yrs)  
Dept. of CS& E, B.I.T.,  
Bangalore 560004  
2. Professor  
DBIT dept :AI&DS since 2022

### SUBJECTS TAUGHT:

MICROPROCESSOR, MICROCONTROLLER;  
BASIC ELECTRONICS;  
BASIC ELECTRICAL ENGG.;  
COMPUTER ORGANIZATION;  
LOGIC DESIGN;  
ELECTRONIC CIRCUITS;  
DATA STRUCTURES;  
UNIX SYSTEM PROGRAMMING;  
ANALYSIS AND DESIGN OF ALGORITHM;  
OPERATING SYSTEM;  
ADVANCED COMPUTER ARCHITECTURE;

### PROFESSIONAL ASSOCIATION:

Faculty for MANIPAL MS Programs  
Counsellor at IGNOU (MCA/BCA)  
Faculty for WASE, Wipro, Bangalore  
Faculty for KSOU, KUVEMPU UNIVERSITY, BANGALORE UNIVERSITY(BCA/MCA)

**PERSONAL PROFILE:**

**D.O.B:** 10 /07/1959

**QUALIFICATION:** B. E (E&C), M. S (CS)

**BOOKS AUTHORED:**

1. Title of Book: Micro Processor and Interfacing, Subash Publications, Bangalore, 2010
2. Title of Book: Advanced Microprocessor, Subash Publications, Bangalore, 2013
3. Title of Book: Electronics Circuits, Subash Publications, Bangalore, 2013
4. Title of Book: Mechatronics, Subash Publications, Bangalore, 2010
5. Microprocessor and Microcontroller 2017 Sunstar.
6. Microcontroller and embedded system 2020 Sunstar.

**KESHAVAMURTHY, S**



## Program Flow

<b>Date ( Time:2-4pm)</b>	<b>Topic Covered</b>
20/11/23	Structure of C program, variables, constants, operators, Examples
21/11/23	Decision control and looping statements
22/11/23	Arrays- Declaration, initialization, operations on single and multidimensional arrays with examples
23/11/23	Pointers – declaration, initialization Functions- definition, declaration, actual arguments, Formal arguments, pass by value, pass by reference
24/11/23	Structure & Unions- Declaration, comparison, self- referential structure, memory allocation – static and dynamic

## Brief Report about the Program

The students of 3<sup>rd</sup> sem studied only C programming in 2<sup>nd</sup> sem from examination point of view and not practiced the lab in depth. Hence we decided to conduct 5 days' bridge course.

In this bridge course we discussed the basics like datatypes, syntax of C and common errors while writing the program.

The topics discussed on each day is as follows:

- i) On first day topics discussed are, structure of C, Datatypes, limitation range, Variables, Constants, preprocessor directives and sample programs.
- ii) On the second day topics discussed are Arrays – Declare, Initialize, operations on arrays like adding at front, middle, end etc. Applications of arrays.
- iii) On the third day topics discussed are, Functions- Declaration, definition, prototypes, advantages, pass by value, Address to functions.
- iv) On the fourth day topics discussed are declaration of pointers, initialize, using pointers print a value, pass pointers to functions, advantages, examples.
- v) On the fifth day topics discussed are Structures, types, Unions, Programs, Analysis of algorithms.

On the whole we can say basics were explained so that the students can understand other subjects like operating system, Java and etc.

# Audience

All 3<sup>rd</sup> sem students attended the program.

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**DON BOSCO INSTITUTE OF TECHNOLOGY**  
 Kumbalagodu, Mysuru Road, Bengaluru-560 074.  
 Department of Artificial Intelligence and Data Science

**Academic Year: Nov 2023 – Mar 2024**  
 Bridge Course on  
 “Basics of C Programming and It’s Applications to Data Structure”  
 List of Participants.

SL. No	USN	Name	Signature
1	IDB22AD001	ABHISHEK J P	<i>Abhishek J P</i>
2	IDB22AD002	ABHISHEK PYATI	<i>Abhishek Pyati</i>
3	IDB22AD003	ABID NOORAHMED GOGI	<i>Abid Noorahmed Gogi</i>
4	IDB22AD004	ADARSH	<i>Adarsh</i>
5	IDB22AD005	AISHWARYA R	<i>Aishwarya R</i>
6	IDB22AD006	ANUSH G	<i>Anush G</i>
7	IDB22AD007	ARUN V SAJJAN	<i>Arun V Sajjan</i>
8	IDB22AD008	BABY SHALINI S	<i>Baby Shalini S</i>
9	IDB22AD009	BHANU AKSHATHA J	<i>Bhanu Akshatha J</i>
10	IDB22AD010	C KEERTHAN	<i>C Keertan</i>
11	IDB22AD011	CHETHAN K S	<i>Chethan K S</i>
12	IDB22AD012	CHETHANA M	<i>Chethana M</i>
13	IDB22AD013	CHETHANGIRI K	<i>Chethangiri K</i>
14	IDB22AD014	DARSHAN K B	<i>Darshan K B</i>
15	IDB22AD015	DARSHAN M	<i>Darshan M</i>
16	IDB22AD016	DEEPASHREE C R	<i>Deepashree C R</i>
17	IDB22AD017	DHANUSH A B	<i>Dhanush A B</i>
18	IDB22AD018	G R SANJANA	<i>G R Sanjana</i>
19	IDB22AD019	GAGAN GOWDA P	<i>Gagan Gowda P</i>
20	IDB22AD020	GIRISH BABU L	<i>Girish Babu L</i>
21	IDB22AD021	HARSHINI UMESH	<i>Harshini Umesh</i>
22	IDB22AD022	JASHWANTH R	<i>Jashwanth R</i>
23	IDB22AD023	KUSHAL H K	<i>Kushal H K</i>
24	IDB22AD024	LAVANYA T	<i>Lavanya T</i>
25	IDB22AD025	LIKITH M Y	<i>Likith M Y</i>
26	IDB22AD026	M SINCHANA	<i>M Sinchana</i>
27	IDB22AD028	MOHAMMED RAAZI	<i>Mohammed Raazi</i>
28	IDB22AD029	MONISHA S P	<i>Monisha S P</i>
29	IDB22AD030	MOURYA GANGADHAR R	<i>Mourya Gangadhar R</i>
30	IDB22AD031	NAVYASHREE J	<i>Navyashree J</i>



31	1DB22AD032	NAYANA B M	<i>Nayana</i>
32	1DB22AD033	NIKESH	<i>Nikesh</i>
33	1DB22AD034	PEEYUSH CHOUDHARY	<i>Peeyush</i>
34	1DB22AD035	POOJA V S	<i>Pooja V S</i>
35	1DB22AD036	PRAMODA C N	<i>Pramoda C N</i>
36	1DB22AD037	PRATIK PRAVEEN UPADHYE	<i>Pratik Praveen</i>
37	1DB22AD038	PREETHAM H	<i>Preetham H</i>
38	1DB22AD039	HARINI R	<i>Harini R</i>
39	1DB22AD040	R SAI VAMSHI REDDY	<i>R Sai Vamshi</i>
40	1DB22AD041	RAHUL S	<i>Rahul S</i>
41	1DB22AD042	ROHINI M	<i>Rohini M</i>
42	1DB22AD043	SAHANA K	<i>Sahana K</i>
43	1DB22AD044	SAMPADHA B H	<i>Sampadha B H</i>
44	1DB22AD045	SANA SHARMA	<i>Sana Sharma</i>
45	1DB22AD046	SANDHYA	<i>Sandhya</i>
46	1DB22AD047	SANJANA R	<i>Sanjana R</i>
47	1DB22AD048	SHASHANKA	<i>Shashanka</i>
48	1DB22AD049	SHASHIKALA C	<i>Shashikala C</i>
49	1DB22AD050	SPOORTHY S KANCHAN	<i>Spoorthy S K</i>
50	1DB22AD051	SUMANTH D	<i>Sumanth D</i>
51	1DB22AD052	SYED UROOJ AHMED	<i>Syed Urooj</i>
52	1DB22AD053	T SIRISHA	<i>T Sirisha</i>
53	1DB22AD055	TEJASHWINI Y	<i>Tejashwini Y</i>
54	1DB22AD056	UDAY S C	<i>Uday S C</i>
55	1DB22AD057	VAIBHAVI K	<i>Vaibhavi K</i>
56	1DB22AD058	VIDHATHA M K	<i>Vidhatha M K</i>
57	1DB22AD060	VINAY	<i>Vinay</i>
58	1DB22AD061	VISHAL LOKESHWAR	<i>Vishal Lokeshwar</i>
59	1DB22AD062	YASHASWINI S R	<i>Yashaswini S R</i>
60	1DB22AD063	YASHWANTH T P	<i>Yashwanth T P</i>
61	1DB22AD064	SHREYA TIWARI	<i>Shreya Tiwari</i>
62	1DB23AD400	CHARANESH S	<i>Charanesh S</i>
63	1DB23AD401	DARSHAN K	<i>Darshan K</i>
64	1DB23AD402	ERIC NEPOLEAN T	<i>Eric Nepolean T</i>
65	1DB23AD403	PAVAN KALYAN S	<i>Pavan Kalyan S</i>
66	1DB23AD404	VENU GOPAL NAIDU K R	<i>Venu Gopal Naidu K R</i>
67	1DB23AD405	VINOD AWATI	<i>Vinod Awati</i>

HoD  
(Dr. Gowramma G S)

# Photo Gallery









## **Summary**

Bridge Course was well organized and it was very informative. Students gained the knowledge of basics of C language and also the knowledge of data structures and they felt that attending the bridge course was very useful.



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**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Mysuru Road, Kumbalagodu, Bengaluru-560 074.



## Department of Artificial Intelligence and Data Science



REPORT ON

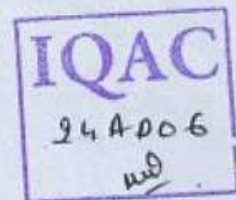
**“Navigating your future: Insights on career path and Higher Education”**

ORGANIZED BY

**“Dept. of AI & DS”**

COORDINATED BY

**Dr. Ranjini P S**  
Professor  
Department of AI&DS



VENUE

**Room No B215, B Block, DBIT, Bengaluru**

Date: 28-06-2024

**AY-2023-2024**

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ORGANIZED BY

"Dept. of AI & DS"

COORDINATED BY

Dr. Ranjini P. S.

Professor

Department of AI&DS

VENUE

Room No B112, B Block, DBIT, Bengaluru

Date: 28-06-2024

AY-2023-2024



# Authentication Page

A REPORT ON - "Navigating your future: Insights on career path and Higher Education"

**Coordinated by:**

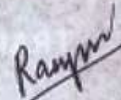
Dr. Ranjini P S, Professor, Department of AI&DS, DBIT, Kumbalugudu

**Date and Venue:**

Room No B215, B Block, DBIT, Bengaluru, Date: 28-06-2024

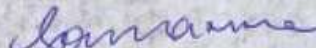
**Academic Year: 2023-2024**

**Signature of the Coordinator with date:**



**Dr. Ranjini P S**  
Professor  
Department of AI&DS

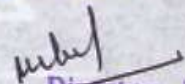
**Signature of the Convener with date:**



**Dr. Gowramma G.S**  
Professor & HoD

Head of the Department  
Department of AI&DS  
Dept. of Artificial Intelligence & Data Science  
Don Bosco Institute of Technology,  
Kumbalagodu, Mysore Road,  
Bangalore-560074

**Signature of the Head-IQAC with date:**

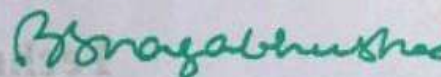


Director - IQAC  
Don Bosco Institute of Technology  
Mysore Road, Kumbalagodu  
Bengaluru-560 074

**Signature of the Principal with date:**

**PRINCIPAL**

Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074





PLEASE JOIN WITH US TO



## NAVIGATING YOUR FUTURE: INSIGHTS ON CAREER PATH AND HIGHER EDUCATION

SPEAKER

**SOMASHEKARA**

TRAINING AND PLACEMENT OFFICER,  
DBIT, KUMBALAGUDU

COORDINATED BY

**DR. RANJINI P S**

PROFESSOR  
DEPARTMENT OF AI&DS

ORGANIZED BY

"DEPT. OF AI & DS"

Friday  
**28th**

June, 2024  
**10-11AM**

B BLOCK, DBIT, BENGALURU

Invitation designed for the inauguration day

**Technical Forum**

Dept. of Artificial Intelligence and Data Science  
DBIT, Bengaluru



# PROGRAMME FLOW

Date: 28-06 -2024

Venue: Room No B215, B Block

Sl. No	Time Schedule	Event Description	In-charge
1	10.00 Am – 10.15 Am	Welcome Address	Ms. Sapna S Basavaraddi
2	10.15 Am – 10.25 Am	Invocation	Student
3	10.25 Am – 10.30 Am	Lighting of the Lamp by dignitaries	
4	10.30 Am - 10.40 Am	Introduction of the Chief Guest	Dr. Ranjini PS
5	10.40 Am – 11.40 Am	Keynote Address by the Chief Guest	
6	11.40 am – 11.45 Am	Felicitation to the Chief Guest	Dr. Gowramma G.S
7	11.45 pm – 11.50 Am	Vote of Thanks	Student

**Convener**

**Dr. Gowramma G.S**

**Professor, HOD,**

**Dept. of AI&DS**





## About the Speaker



### SOMASHEKARA

Leadership | Relationship Building | People Management

✉ somashekarsoma1964@gmail.com ☎ +91 990-216-1133  
📍 Bengaluru

#### Key Competencies

- Business Development
- Corporate Relations & Partnerships
- Corporate Recruitment Training & Placement
- E-Learning & Digital Training
- Career Guidance & Counselling
- Creative Training Techniques
- Branding Methodology
- Relationship Management

#### Skills

- Goal Oriented with Positive Attitude
- Passion & Patience
- Operational Efficiency
- Influential Communication
- Interpersonal Skills
- Industry Coordination & Collaboration
- People Management
- Negotiation Skills
- Time Management

#### Education

- **2019 | (Ph.D.) Mechanical Engineering and Science**  
VTU-Belagavi
- **2016 | MTech - Product Design and Manufacturing (PDM)-**  
VTU/BMSCE, Bengaluru
- **1989 | BE Mechanical** from  
Islamiah Institute of  
Technology, Bangalore University

#### Profile Summary

- Chronicled success with over **3 decades** of rich experience in the **educational industry and academia**, currently serving as a Training and Placement Officer.
- **Demonstrated leadership** success in **fostering corporate connections, orchestrating significant placements**, & pioneering initiatives to bridge the gap between education and industry needs.
- **Prominent organizations** Juspay, Johnson Control, Schneider Electric, TCS, Infosys, IBM, Byju's, Caggemini, Accenture, Toyota, Entity Data, CSG International, HP, and PRDC to name a few.
- Specialist in **nurturing corporate relations and international connections** to expand the network and enhance placements.
- **Promote brand visibility** through various engagements and devise and maintain strategic MOU's for exemplary placement.
- Competent in **shaping students' careers and futures** elevates the institute's standing in the education landscape.

#### Achievements

- Placement of **800+ students** in 2022-23 for **8 engineering and 2 years full-time MBA management programs**.
- **Rolled out 814 job offers** with **27 Lacs** as the highest placement
- Nurtured **200+ corporate relationships & partnerships** for placements
- Encourage **Infosys Springboard for Digital Era Training**, a free learning platform for digital courses and life skills to upskill students.
- Initiated **The Infosys Fintech Certification Program** to enhance skills for 5th-semester students.
- **Collaborated with the Indian Air Force (IAF) and Japanese organizations** for diverse job Opportunities
- **Conducted annual JEE, CAT, GATE, NIELIT, and CFA high level exams for over 3500 students**.
- Instrumental in **facilities upgradation** by obtaining **50 desktop PCs worth 20 lakhs** for the students
- **Career Counselling and entrepreneur guidance** for career shaping.



## Career Trajectory



**BHARAT EARTH MOVERS LTD-K.G.F**  
Asst.Engineer  
Apr 1991- Apr 1996

**ASHOK LEYLAND-HOSUR**  
Asst.Manager  
Apr 1996 - Jun 2006

**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Asst.Professor  
Feb 2008- Feb 2019

**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Training & Placement Officer  
Feb 2019 - Till Date

## Work Experience

### DON BOSCO INSTITUTE OF TECHNOLOGY

Feb 2008 – Till Date

#### Training and Placement Officer

Since Feb 2019

- Head an institute as a **training and placement officer** to identify and provide training needs of students, arranging the campus interviews for the engineering and MBA students.
- Instrumental in **proposing annual training and placement budget** to assist students in successfully searching for jobs through job portals and assist employers in achieving hiring goals.
- **Empowering students with life-long career counselling and career planning** with guidance for the future and ensuring the right placement to the right candidate and see the job fit to excel in future life
- Understand the Corporate needs and establish and **nurture 200+ corporate relationships, enhancing the institute's industry network and increasing** placement records.
- Achieved **Record-Breaking Placement** by facilitating **841 job placements** in the academic year 2021-22, with the highest package of **Rs. 27 lakhs** through Juspay during 2021-22, a testament to effective placement strategies showcasing a commitment to student success.
- **Showcased resilience in placement** by achieving a remarkable placement success of **over 300+ students in 2022-23** despite global job recession challenges
- Spearheaded the adoption of **Infosys Springboard for Digital Era training**, ensuring students are equipped for the evolving industry landscape.
- **Strategic MOUs were** formed to encourage partnerships with organizations like Capgemini and TNS to provide 400 hours of full-stack Java training and placement assistance to underprivileged students as a corporate social responsibility.
- **Frequently upgrade the infrastructure and facilities, like securing 50 desktop P.C.s worth 20 lakhs for the college, breaking the barriers** to learning and enhancing the learning environment.
- Foster international collaborations with Japanese organizations, offering avenues for I.T. job opportunities in Japan.
- Collaborated with the **Indian Air Force (IAF)** for **comprehensive career counselling** on diverse job opportunities for engineering students.
- **Constant Industry Interaction** with organizations like Foxconn (iPhone manufacturer) for core branches, facilitating opportunities for Mechanical, Electronics, and Electrical engineering students.
- Initiated the **Infosys Fintech Certification Program** for 5th-semester students, enhancing their skills and job opportunities in the rapidly evolving fintech domain.
- Vigorous **engagement with parents and students** during visits for CET, ComedK, and Management admissions promotes a supportive academic environment.
- Conducted online and offline exams such as **JEE, CAT, GATE, NIELIT, and CFA**, contributing to the college's **brand visibility** and academic excellence.



## Conclaves, Summit & Workshops

- Excon Exhibition on 16 Dec 2023 at BIEC
- ICT Academy BRIDGE Bengaluru on 13 Dec 2023 - ITC Gardenia, Bengaluru
- 4th Annual Rethink H.R. Conclave 2023 on 25 Oct 2023 –Lalit Ashok, Bengaluru
- Codinus TPO Meet on 23 June 2023 –Hyatt Centric MG Road, Bengaluru
- VTU TPO Conclave-2023 on 30th Jan 2023-RVCE, Bengaluru
- Bengaluru Tech Summit on 30th Nov 2022 at Palace Ground Bengaluru
- HR-TPO Conclave on 18th & 19th Nov 2022-North Avenue Mysore
- HMT and ATD.
- Metrology and Measurement Techniques.
- Faculty Development programs like Personality Development.

## Conferences & Seminars

- World Class Manufacturing Practices.
- Entrepreneurship and Management

## Personal Dossier

- Languages: English, Hindi, Telugu, Tamil and Kannada
- Hobbies: **Reading** - Positive Mental Attitude & People Skill Books, **Sports**- Cricket, Yoga& Walk-**Fitness**, **Volunteering** and Community Involvement.**Listening to Music** – Classic and Devotional Songs .





## **BRIEF REPORT ABOUT THE PROGRAMME**

**Title: Navigating Your Future: Insights on Career Path and Higher Education**

**The speaker gave insights on the following topics:**

### **Introduction**

- Welcome and Introduction on "Navigating Your Future: Insights on Career Path and Higher Education"
- Brief overview of the topic
- Importance of understanding career paths and higher education in shaping the future

### **Section 1: Understanding Career Paths**

- **Defining Career Paths:** Explanation of what a career path is and its importance in professional development.
- **Types of Career Paths:** Traditional, non-traditional, entrepreneurial, and freelancing career paths.
- **Identifying Your Interests and Strengths:** Importance of self-assessment, tools like Myers-Briggs, Holland Code, and Strengths Finder.

### **Section 2: The Role of Higher Education**

- **Educational Requirements:** How higher education aligns with various career paths.
- **Types of Higher Education:** Differences between vocational schools, community colleges, universities, and online education.
- **Choosing the Right Institution:** Factors to consider such as accreditation, faculty, resources, and campus culture.

### **Section 3: Planning and Decision Making**

- **Setting Goals:** Short-term vs. long-term goals, SMART criteria (Specific, Measurable, Achievable, Relevant, Time-bound).
- **Research and Exploration:** Gathering information through internships, job shadowing, informational interviews, and career fairs.
- **Decision-Making Models:** Rational decision-making, intuitive decision-making, and the importance of flexibility.





#### Section 4: Skills for the Future

- **Technical Skills:** Importance of keeping up with technological advancements and industry-specific skills.
- **Soft Skills:** Communication, teamwork, problem-solving, and adaptability.
- **Continuous Learning:** Lifelong learning mindset, professional development courses, certification and workshops.

#### Section 5: Challenges and Solutions

- **Common Challenges:** Financial constraints, balancing work and study, overcoming uncertainty and fear of failure.
- **Strategies for Success:** Time management, seeking mentorship, building a support network, and utilizing campus resources like career services.

#### Section 6: The Future of Work and Education

- **Trends in the Job Market:** Automation, artificial intelligence, gig economy, and remote work.
- **Future-Proof Careers:** Fields expected to grow, such as healthcare, technology, renewable energy, and data science.
- **Adapting to Change:** Importance of adaptability and resilience in a rapidly changing world.

#### Conclusion

- Recap of key points
- Encouragement to take proactive steps towards career and educational goals
- Final thoughts on the importance of aligning passion with profession



# AUDIENCE



Wayanama Education Trust ®  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Kumbalagodu, Mysuru Road, Bengaluru-560 074.  
Department of Artificial Intelligence and Data Science



Date: 28-06-2024

Academic Year: April - Sept 2024  
"Navigating Your Future: Insights on Career Paths and Higher Education"

## 6<sup>th</sup> Semester Students

Sl. No	USN	Name	Signature
1	1DB21AD001	ABHINAV S	[Signature]
2	1DB21AD002	ABHISHEK	[Signature]
3	1DB21AD003	ABHISHEK P	[Signature]
4	1DB21AD004	ADITI	[Signature]
5	1DB21AD005	AKASH	[Signature]
6	1DB21AD006	AMEENA K	[Signature]
7	1DB21AD007	ANKITH A KHARVI	[Signature]
8	1DB21AD008	ANUSHKA ANIL PATIL	[Signature]
9	1DB21AD009	BHUMIKA	[Signature]
10	1DB21AD010	CHANDAN H N	[Signature]
11	1DB21AD011	DARSHAN B H	[Signature]
12	1DB21AD012	DHANU S ANAND	[Signature]
13	1DB21AD013	DHRUVA G	[Signature]
14	1DB21AD014	DIVIJA VYSHNAVI V	[Signature]
15	1DB21AD015	GIRISH GOWDA K S	[Signature]
16	1DB21AD016	GOURAV M	[Signature]
17	1DB21AD017	GRISHMA N KOTIAN	[Signature]
18	1DB21AD018	HARDALI SANCHITH SHETTY	[Signature]
19	1DB21AD019	HARSHITHA M	[Signature]
20	1DB21AD020	INDUSHREE M	[Signature]
21	1DB21AD021	JAWALKAR CHARAN	[Signature]
22	1DB21AD022	KOUSTHUBA B S	[Signature]
23	1DB21AD023	H K LIKITH KUMAR	[Signature]
24	1DB21AD024	LIKITH VIVEK U	[Signature]
25	1DB21AD025	LOHITH G GOWDA	[Signature]
26	1DB21AD026	MEGHA S D	[Signature]
27	1DB21AD028	NAVANEETH GOWDA T	[Signature]
28	1DB21AD029	NIRANJAN N	[Signature]
29	1DB21AD030	NISARGA M	[Signature]



30	1DB21AD031	NISARGA M K	<i>Nisarga</i>
31	1DB21AD032	R SUDEEP RATHOD	<i>Sudeep</i>
32	1DB21AD033	P VARSHAA	<i>Varsha</i>
33	1DB21AD034	PALLAVI M	<i>Pallavi</i>
34	1DB21AD035	PREETHI S	<i>Preethi</i>
35	1DB21AD036	PREMKUMAR M K	
36	1DB21AD037	PRIYANKA	<i>Priyanka</i>
37	1DB21AD038	RAHUL BABU B U	<i>Rahul</i>
38	1DB21AD039	RAJU Y	<i>Raju</i>
39	1DB21AD040	RAKSHITH K	<i>Rakshith</i>
40	1DB21AD041	RANGAPPA THIMMAPPAGARI RAKESH	<i>Rakesh</i>
41	1DB21AD042	RANJAN C NAIK	<i>Ranjana</i>
42	1DB21AD043	REVAANTH S	<i>Revanth</i>
43	1DB21AD044	RISHAB PURBA	
44	1DB21AD045	SAMRUDH M	
45	1DB21AD046	SANDEEP K R	<i>Sandeep</i>
46	1DB21AD047	SHREYAS GOWDA H	<i>Shreyas</i>
47	1DB21AD048	SUDHEENDRA H R	<i>Sudheendra</i>
48	1DB21AD049	UDAY HARISH GOWDA	<i>Uday</i>
49	1DB21AD050	ULLAS S	<i>Ullas</i>
50	1DB21AD051	UTTAM A	<i>Uttam</i>
51	1DB21AD052	VAISHNAVI KRISHNANAND SHENVI	<i>Vaishnavi</i>
52	1DB21AD053	VANDANA CATHERINE	<i>Vandana</i>
53	1DB21AD054	VINAY G R	<i>Vinay</i>
54	1DB22AD400	CHANDANA V	<i>Chandana</i>
55	1DB22AD401	JYOTHIKA M P	<i>Jyothika</i>
56	1DB22AD402	MOHAMMED FAIZAAN	<i>Faizaan</i>
57	1DB22AD403	MUKTHA S A	<i>Muktha</i>
58	1DB22AD404	PREETHI M N	<i>Preethi</i>
59	1DB22AD405	YATHISH B	<i>Yathish</i>

*Jannan*  
 HoD  
 Dept. of Green Computing & Data Science  
 Don Bosco Institute of Technology  
 Kumbalagode, Mysore Road.  
 Bangalore-560074



# Photo Gallery







GPS Map Camera

Bengaluru, Karnataka, India  
ICICI Bank Ltd, Wayanamac Education Trust, Don Bosco Institute Of Technology Mysore Road,  
Kumalgodu, Bengaluru, Karnataka 560074, India  
Lat 12.882652°  
Long 77.444586°  
28/06/24 10:16 AM GMT +05:30

Google



GPS Map Camera

Bengaluru, Karnataka, India  
Sidarth Nagar, near Campus Jallalli, Bengaluru, Karnataka 560074, India  
Lat 12.88265°  
Long 77.444351°  
28/06/24 10:17 AM GMT +05:30

Google





# Contents

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Brief Report about the programme	9
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# Authentication Page.

## A SDP REPORT ON - “Data Science and its Applications”

### Coordinated by:

Mrs. Meghana H M, Assistant Professor, Dept. of DBIT, Bangalore

Mrs. Mamatha K, Assistant Professor, Dept. of DBIT, Bangalore

Held at Don Bosco Institute of Technology on **13-05-2024 to 17-05-2024**

### Chief Guest:

Mr. Hemanth Kumar

Data Scientist, Brillio Technologies, Pvt. Lmt

**Academic Year: 2023-2024**

### Signature of the Coordinator with date:

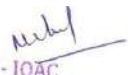
  
Prof. Meghana H M., Assistant Professor,  
Department of AI & DS

  
Prof. Mamatha K, Assistant Professor,  
Department of AI & DS

### Signature of the Convener with date:

  
Dr. Gowramma G.S  
Professor & HOD  
Department of AI&DS  
Department of Artificial Intelligence & Data Science  
Don Bosco Institute of Technology,  
Kumbalagodu, Mysore Road,  
Bangalore-560074

### Signature of the Head-IQAC with date:

  
Director - IQAC  
Don Bosco Institute of Technology  
Mysore Road, Kumbalagodu  
Bengaluru-560 074

### Signature of the Principal with date:

  
PRINCIPAL  
Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074.





WAYANAMAC EDUCATION TRUST®

# DON BOSCO INSTITUTE OF TECHNOLOGY

(Affiliated to VTU, Belagavi, Approved by AICTE New Delhi & Recognised by Govt. of Karnataka, Accredited by NBA & NAAC)

Kumbalagodu, Mysuru Road, Bengaluru - 560074



Approved by  
AICTE  
New Delhi



Affiliated to  
VTU  
Belagavi



Recognised by the  
Government of  
Karnataka



Accredited by  
NAAC  
Bangalore



Accredited by  
NBA  
New Delhi



## Department of Artificial Intelligence and Data Science

Organizing a Faculty Development Program(FDP) on



"DATA SCIENCE AND ITS APPLICATIONS"

In Association with

Institution's Innovation Council (IIC)



IEEE

Date : 13-05-2024 to 17-05-2024 Venue : AI & DS Seminar Hall.

Time : 09.00AM - 5.00 PM

### Resource Persons

**Mr. GaneshLaxminarayan  
Bhat**  
Solution Architect RPA  
and AI Novato Solutions

**Mr. Hemanth Kumar A**  
Data Scientist,  
BrillioTechnologies  
Private limited

**Dr. Ranjini P. S**  
Professor,  
Dept of AI & DS

#### PRESIDED BY

**Sri. B. Bylappa**  
President. WET

**Sri. P.B. Manjunath**  
Executive Director. DBIT

**Sri. Raghav Bylappa**  
Secretary. WET

#### ORGANIZING CHAIRS

**Dr. Gowamma G S**  
HoD, Dept. AI & DS , DBIT

**Dr. Nataraj K R**  
Dean & Director , DBIT

**Dr. B S Nagabhushana**  
Principal, DBIT

#### Faculty Co-ordinator

**Prof. Mamatha K**  
Assistant Professor  
Dept. AI & DS , DBIT

**Prof. Meghana H M**  
Assistant Professor  
Dept. AI & DS , DBIT



# Permission Letter



Wayanamac Education Trust ®  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Kumbalagodu, Mysore Road, Bengaluru-560 074.  
**Department of Artificial Intelligence and Data Science**



DBIT/AI&DS/2023-24/044

Date: 30-04-2024

From,  
HoD  
AI&DS Department  
DBIT.

To,  
Principal  
DBIT, Kumbalagodu,  
Bangalore-560074

Respected Sir,


Subject: Request for conducting Faculty Development Programme on **"Data Science and Its Applications"** in our department.

We the undersigned kindly request you to permit us to conduct the Faculty Development Programme on **"Data Science and Its Applications"** for faculties from 13-05-2024 to 17-05-2024.

Thanking you


Yours's Sincerely,

  
CoOrdinator

  
HoD 30/4/24  
Head of the Department,  
Dept. of Artificial Intelligence & Data Science  
Don Bosco Institute of Technology,  
Kumbalagodu, Mysore Road,  
Bangalore-560074

  
PRINCIPAL  
PRINCIPAL  
Don Bosco Institute of Technology,  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074.

## Executive Approach

Invitation for the FDP Program as a Recourse Person 



**Meghana megha** <meghanachintu4@gmail.com>  
to Dr.Ranjini 

 Sat, May 4, 12:31PM    

Respected Professor,  
Hope you are doing well

Greeting from Co-Convener, DBIT, Bangalore

We are extremely happy to be associated with you for conducting Faculty Development Program on “**Data Science and Its Applications**”. We would be pleased if you could accept our invitation as a Resource Person for the session on 13-05-2024

Thanks and Regards

Meghana H M

Assistant Professor

DBIT, Bangalore

Invitation for the FDP Program as a Resource Person 



**Meghana megha** <meghanachintu4@gmail.com>  
to hemanth.a 

 Sat, May 4, 12:37PM    

Hello sir,

Hope you are doing well

Greeting from Co-Convener, DBIT, Bangalore

We are extremely happy to be associated with you for conducting Faculty Development Program on “**Data Science and Its Applications**”. We would be pleased if you could accept our invitation as a Resource Person for the session on 17-05-2024

Please go through the Module 5 syllabus, Invitation and Brochure in below attached Files.

Thanks and Regards

Meghana H M

Assistant Professor

DBIT, Bangalore



## **Biodata of the Resource Person**

Mr. Hemanth Kumar

Data Scientist, Brillio Technologies, Pvt. Lmt

Mr. Hemanth Kumar, a seasoned data scientist with a blend of industry and research experience, excels in leveraging predictive modeling, data processing, and data mining algorithms to tackle business challenges. He possesses expertise in Machine Learning, Deep Learning, Statistics, Tableau, Python, API creation, Production Deployment, Azure Machine Learning, and Azure Data Bricks. Specializing in supply chain forecasting problems, he currently leads the Graph Machine Learning vertical at Brillio.

His portfolio includes collaborations with major clients such as Johnson & Johnson, Kenvue, Bristol Myers Squibb, and Coty, wherein he has implemented diverse data science solutions, ranging from building time forecast models to constructing biomedical knowledge graphs using unstructured data. He has also been involved in deploying NLP solutions for the EHS (Environment Health and Safety) department at Johnson & Johnson and Kenvue.

### **Address**

Mr. Hemanth Kumar

Data Scientist, Brillio Technologies, Pvt. Lmt

Bangalore, Karnataka

Ph No: 78297 76420

Mail Id: [hemanth.a@brillio.com](mailto:hemanth.a@brillio.com)

## Programme Flow:



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**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Kumbalangi, Mysore Road, Bengaluru-560 074.  
**Department of Artificial Intelligence and Data Science**



### FIVE DAYS STUDENT DEVELOPMENT PROGRAM ON “DATA SCIENCE AND ITS APPLICATIONS”

Day	Event	Presenter
13-05-2024 9:00 am to 4:45 pm	<b>Day1: Introduction to Data Science</b> Linear Algebra Statistics Probability Gradient Descent	Dr. <u>Ranini P S</u>
14-05-2024 9:00 am to 4:45 pm	<b>Day2: Introduction to Python.</b> Installation of Anaconda Navigator. <u>Numpy</u> and Pandas Package. Getting Data Visualizing Data, Working with Data	Dr. <u>Gowamma G S</u>
15-05-2024 9:00 am to 4:45 pm	<b>Day3: Introduction to Machine Learning</b> k-Nearest Neighbors Naive Bayes Simple Linear Regression Multiple Regression Logistic Regression	Mr. <u>Hemanth Kumar A</u>
16-05-2024 9:00 am to 4:45 pm	<b>Day4: Decision Tree</b> Neural Networks Deep Learning Clustering	Mr. <u>Hemanth Kumar A</u>
17-05-2024 9:00 am to 4:45 pm	<b>Day5: Natural Language Processing</b> Recurrent Neural Networks Network Analysis Recommender Systems	Mr. <u>Hemanth Kumar A</u>



# Don Bosco Institute of Technology, Bangalore

(NAAC Accredited Institution)

SDP on

## “Data Science and It’s Applications”



### Objectives:

1. Demonstrate the proficiency with statistical analysis of data to derive insight from results and interpret the data findings visually.
2. Utilize the skills in data management by obtaining, cleaning and transforming the data.
3. Make use of machine learning models to solve the business-related challenges.
4. Experiment with decision trees, neural network layers and data partition.
5. Demonstrate how social clustering shape individuals and groups in contemporary society.

### Brief Report on the event

Data science is defined as an interdisciplinary field that involves extracting knowledge and insights from data using scientific methods, algorithms, and systems. A data science is a structured educational program designed to teach individuals the foundational concepts, tools, and techniques of data science. Data Science is also known as the Future of Artificial Intelligence.

The core objective of the SDP is to demystify the different topics in Data Science, tools used in different applications, opportunities for the benefit of students and faculty This SDP covers comprehensive syllabus of 2021 VTU Scheme 6th semester IPCC: Integrated Professional Core Course “Data Science & its applications” with complete hands-on training from industry experts, academician and alumni professionals are invited to handle the sessions. The SDP is open for all the students and staff members of Engineering and technology, as Data Science is a multidisciplinary domain.

As per NEP 2020 and VTU scheme 2021, “Data Science and Its Applications” has been introduced for the 6th semester B.E to cater the needs of current technology. This SDP has been organized to enhance the knowledge of the student.



**Course content:**

- Introduction to Data Science
- Hypothesis and Inference
- Machine Learning
- Decision Trees
- Natural Language Processing

**Outcome of SDP:**

1. Identify and demonstrate data using visualization tools.
2. Make use of Statistical hypothesis tests to choose the properties of data curate and manipulate data.
3. Utilize the skills of machine learning algorithms and techniques and develop models.
4. Demonstrate the construction of decision tree and data partition using clustering.
5. Experiment with social network analysis and make use of natural language processing skills to develop data driven applications challenges.

## Audience

A total of 60 candidates attended this Student Development Program from Various Engineering Colleges to get the knowledge of Data Science and its Application.



# Budget:

ANNEXURE - I		
APPLICATION FOR		
1) <u>OBTAINING THE PRIOR APPROVAL FOR CONDUCTING / PARTICIPATING IN THE EVENT</u>		
2) <u>REQUEST FOR ADVANCE TO ORGANISE/PARTICIPATE IN THE EVENT &amp; OTHER PURPOSES</u>		
Name of the Institution	Don Bosco Institute of Technology	
Name of the Department	Department of Artificial Intelligence and Data Science	
Name of the Employee authorised to receive the advance & account for it	Dr. Gowramma G S	
Details of Bank Account of the authorised person to receive the advance	Name of the Bank	ICICI Bank
	Account Number	263701510071
	IFSC Code	ICIC0002637

EVENT ORGANISED BY OUR INSTITUTIONS:	
Description of the event proposed to be organised	FDP on Data Science & Its Applications
Proposed dates of conducting the event	13.05.2024 to 17.05.2024
Venue of the event	Seminar Hall AI&DS
Reasons for organising the event	The core objective of the FDP is to demystify the different topics in Data Science, tools used in different applications, opportunities for the benefit of faculties.
How organising the event is going to benefit the Institution?	This FDP has been organized to enhance the knowledge of the faculties as it is newly introduced in the syllabus.
Whether the proposed event involves outstation deputation of students/staff	No
If so, mention the duration of outstation deputation	No

EVENT ORGANISED BY OTHER INSTITUTIONS:	
Name of the Institution organising the event	NA
Proposed dates of conducting the event	NA
Venue of the event	NA
Reasons for participating in the event	NA
Whether the proposed event involves outstation deputation of students/staff	NA
If so, mention the duration of outstation deputation	NA
How participating in the event is going to benefit the Institution?	NA



ESTIMATE OF EXPENDITURE PROPOSED TO BE INCURRED:		
The following are the estimates of expenditure for organizing / participating in the event mentioned above:		
SNO	Description of the Expenditure	Amount
1	Speaker Remuneration	12000
2	Lunch for the Resource Person & Internal Faculties	5000
3	Tea and Snacks	500
4	Certificate	2000
5	Memento and Miscellaneous	3000
Total of estimated expenditure		22500
Advance amount requested for organizing / participating in the event mentioned		

**We request as under:**

- 1) Approval for organising / participating in the event / other purposes mentioned above.
- 2) Approval for incurring expenditure as estimated above.
- 3) Approval for release of advance of Rs. 4000 towards organising / participating in the event / other purposes. The advance may be credited to the Bank Account of the official mentioned above.

**We also undertake that:**

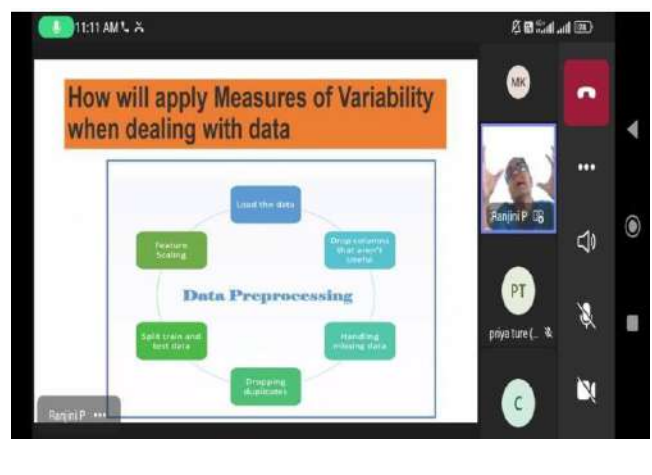
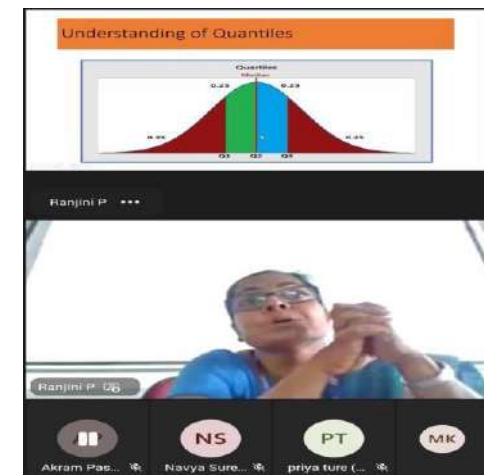
- 1) All out efforts will be made to ensure that the expenditure under various heads will be within the estimated expenses.
- 2) In the event of any unforeseen expenditure is required to be incurred, other than the estimated expenditure mentioned above, the fact will be brought to the notice of the Management through proper channel for prior approval.
- 3) The final bill will be submitted to facilitate reversal of advance availed, within 10 days of the event, failing which the salary payable to the authorised official may be held up till submission of final bill.

Date: 30/4/24 Authorised Official Jayarama  
(HOD, AI & DS Dept.)

Cost of items marked (*): found to be in order	Recommended <u>[Signature]</u>	Scrutinised & Recommended	Approved as Recommended
Manager, Infra & Facility Dated: _____	Principal, Dated: _____	Group Finance Dated: _____	Secretary / Vice President Dated: _____

FOR USE BY ACCOUNTS THE DEPARTMENT		
1. Application verified & in order	Verified & Entered By	Verified
2. Entered in Tally under Voucher No. _____	Name: _____	Manager (Accounts)
3. Entered in the Register for follow-up	Date: _____	Date: _____

# Photo Gallery



## **Summary**

The Student Development Program on Data Science and its Applications” seeks to elevate participants’ expertise by providing a deep dive into data science principles, tools, and emerging trends. Focused on skill enhancement, the program imparts hands-on training in data analysis, machine learning, and visualization. Overall, the SDP was a great success in delivering the topic of Data Science and Its Applications.





**DON BOSCO INSTITUTE OF TECHNOLOGY**

Kumbalgodu ,MysuruRoad, Bengaluru-74, Karnataka

**A Report  
on  
"Fundamentals of Business Analytics using  
Tableau Omni studio and Predictive AI Solutions  
in sales force"**

Organized by:  
Alumni Association® -DBIT in collaboration with  
Department of Management Studies and Research, R&D  
and IIC.

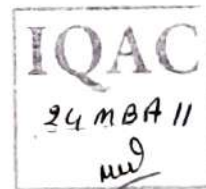
**Coordinated by**  
Prof Rafi Ahmed Z  
Coordinator, BBITAA

Usha G  
Assistant Professor  
Dept. of MBA

Report Prepared by

Rajashekhara R  
Assistant Prof  
Dept. of MBA

**Date: 23-02-2024**



## Contents

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Authentication Page

**Organized by** Department of MBA  
**Coordinated by** Usha G  
Assistant Professor  
(From MBA Department)  
**Held on** 23-02-2024  
**Academic Year** 2023-24

Signature of the Coordinator

*Usha G*  
23/02/24

Signature of the IQAC Coordinator

*Ushy*  
27/07/2024  
Director - IQAC  
Don Bosco Institute of Technology  
Mysore Road, Kumbalagodu  
Bengaluru-560 074

Signature of Head of the Department

*[Signature]*  
23/02/24  
Head of Department  
MBA Department  
DON BOSCO INSTITUTE OF TECHNOLOGY  
Kumbalagodu, Mysore Road  
Bangalore - 74

Signature of the Principal

*B. Srinivas Kumar*  
PRINCIPAL  
Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074



## Introduction

"Fundamentals of Business Analytics using Tableau Omni Studio and Predictive AI Solutions and Salesforce" training programme organised for III semester MBA students. Make students learn about Tableau, the basic concepts of Tableau, data analysis and sorting using Tableau, and also helps to create presentations using tableau. This training made an effort to connect the dots between students and industry.

It was a good training programme for MBA students, with good interaction from the alumni association.

## Objectives and Learning outcomes

The objectives and learning outcomes of a Tableau program typically focus on equipping participants with the skills and knowledge necessary to effectively use Tableau for data visualization and analytics. Here's a breakdown of what such a program might aim to achieve:

### Objectives:

1. **Skill Development:** To develop practical skills in using Tableau software for data visualization and analytics.
2. **Understanding of Data Concepts:** To understand fundamental concepts of data analysis, visualization principles, and data storytelling.
3. **Application in Business Contexts:** To apply Tableau tools and techniques to solve real-world business problems and make data-driven decisions.
4. **Proficiency in Tableau Features:** To become proficient in using various features of Tableau such as creating dashboards, interactive visualizations, calculated fields, and parameters.
5. **Data Preparation and Integration:** To learn how to prepare and integrate data from different sources into Tableau for analysis and visualization.
6. **Best Practices and Efficiency:** To understand best practices for designing effective visualizations, improving performance, and optimizing workflows within Tableau.

### Learning Outcomes:

1. **Create Visualizations:** Participants will be able to create a wide range of visualizations including bar charts, line charts, scatter plots, maps, and more using Tableau.
2. **Build Dashboards:** Participants will learn how to design interactive dashboards that provide insights and allow users to explore data dynamically.

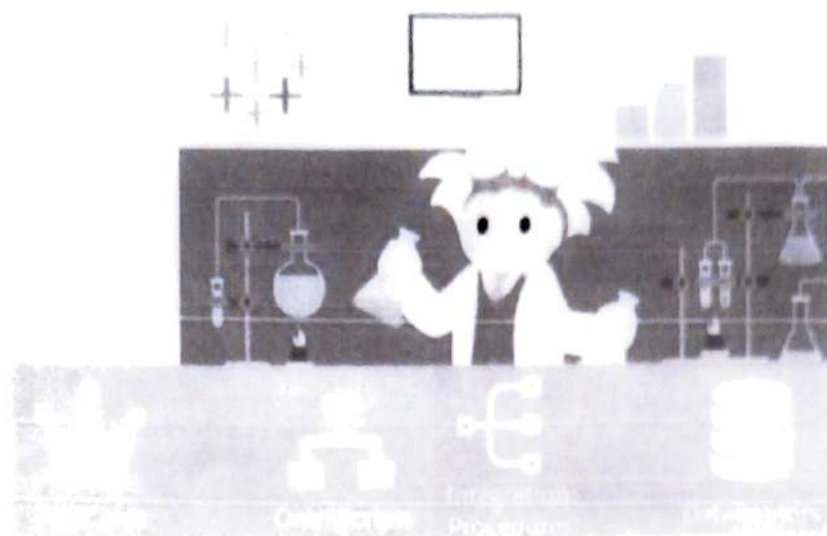
3. **Apply Statistical Techniques:** Ability to apply statistical techniques within Tableau, such as trend analysis, forecasting, and clustering, to derive insights from data.
4. **Data Storytelling:** Participants will be able to effectively communicate insights through data storytelling using Tableau visualizations and dashboards.
5. **Advanced Techniques:** Proficiency in advanced Tableau techniques such as creating calculated fields, parameters, sets, and using Tableau Prep for data preparation.
6. **Collaboration and Sharing:** Understanding how to collaborate with others using Tableau Server or Tableau Online, and share insights securely across an organization.
7. **Problem Solving:** Ability to analyze complex business problems, identify relevant data sources, and use Tableau to provide actionable insights and solutions.
8. **Continuous Learning:** Awareness of resources and communities for ongoing learning and staying updated with Tableau's evolving features and best practices.

By achieving these objectives and learning outcomes, participants in a Tableau program can enhance their data analytics skills, improve decision-making processes within their organizations, and contribute more effectively to data-driven strategies.



# Introduction to Tableau Desktop

- Introduction to Tableau Desktop



## tableau

### Data Connection in Tableau Desktop

Introduction to Tableau Desktop

### Data Analysis in Tableau Desktop

Introduction to Tableau Desktop

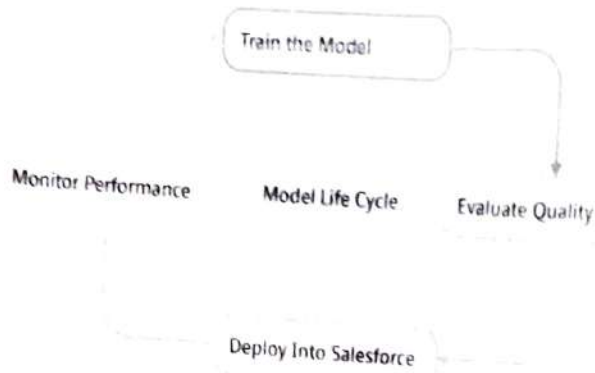
### Data Filtering and Sorting in Tableau Desktop

Introduction to Tableau Desktop

### Data Presentation and Formatting in Tableau Desktop

Introduction to Tableau Desktop

34  
6/4/23



## How to Build DataStudio - No Code dev tool

### OmniStudio Architecture

Create omnichannel guided sales and service experiences

### OmniStudio FlexCards

See contextual customer data at a glance with OmniStudio FlexCards

### OmniScripts

Use OmniScripts to design customer interactions

### OmniStudio DataRaptors

Use DataRaptors to efficiently read, transform, and write Salesforce data

### OmniStudio Integration Framework

Design processes that integrate data from Salesforce and external systems



## How to make the most of this session

Finish the Prep work

Read through the contents in “Important links” section

Bring your laptops charged

Understand concepts in the theory session

Practice along in the demo session

Continue learning and practicing

Attempt certifications



# What will be covered

Tableau - Tableau is a leading data visualization tool used for data analysis and business intelligence. Explore data, deliver insights, and take action

Salesforce Einstein Prediction Builder - Analyses the historical data to predict the future. You need not be a machine learning expert to build AI powered Prediction models, just point and click.

OmniStudio - drag-and-drop configuration capabilities, customers create guided brand experiences specific to their industry with clicks rather than custom code.

# Important links

1. [OmniStudio Trailhead](https://trailhead.salesforce.com/content/learn/trails/get-to-know-omnistudio)  
<https://trailhead.salesforce.com/content/learn/trails/get-to-know-omnistudio>
2. [Tableau Student License](https://www.tableau.com/academic/students)  
<https://www.tableau.com/academic/students>
3. [Tableau Desktop Trailhead](https://trailhead.salesforce.com/content/learn/trails/get-started-with-data-visualization-in-tableau-desktop)  
<https://trailhead.salesforce.com/content/learn/trails/get-started-with-data-visualization-in-tableau-desktop>
4. [Developer Edition org with Einstein Prediction Builder and Einstein Next Best Action](https://trailhead.salesforce.com/en/promo/orgs/put-predictions-into-action-with-next-best-action#)  
<https://trailhead.salesforce.com/en/promo/orgs/put-predictions-into-action-with-next-best-action#>
5. [Put Predictions into Action with Next Best Action | Salesforce](https://trailhead.salesforce.com/content/learn/projects/put-predictions-into-action-with-next-best-action)  
<https://trailhead.salesforce.com/content/learn/projects/put-predictions-into-action-with-next-best-action>
6. [Trailhead | Promote Org Signup \(salesforce.com\)](https://trailhead.salesforce.com/promo/orgs/omnistudiotrails)  
<https://trailhead.salesforce.com/promo/orgs/omnistudiotrails>

## Prep work for the session

>> Download and install Tableau Desktop using Student license

Go to the URL: <https://www.tableau.com/academic/students> > Click "Get Tableau for free" blue button > Upload ID Card or College issued document > Check your email and verify

If this doesn't work, download 14 day trial version from : <https://www.tableau.com/products/desktop/download>

### **Important - Your document must display the following:**

Your full name, Your affiliation, Date providing enrollment for the current term (or within the last 3 months)

### **Examples of acceptable documents are:**

- ID card with expiration date in the future
- Transcript with current course schedule
- Other school-issued document

>>Sign up for Salesforce Einstein Playground

Go to URL: <https://trailhead.salesforce.com/en/promo/orgs/put-predictions-into-action-with-next-best-action#> > Fill form with valid email address > Verify email

>>Sign up for Salesforce OmniStudio org

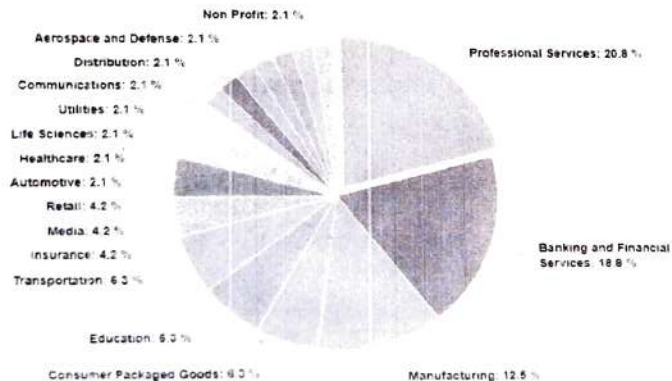
Go to URL: <https://trailhead.salesforce.com/promo/orgs/omnistudiotrails> > Fill form with valid email address > Verify email



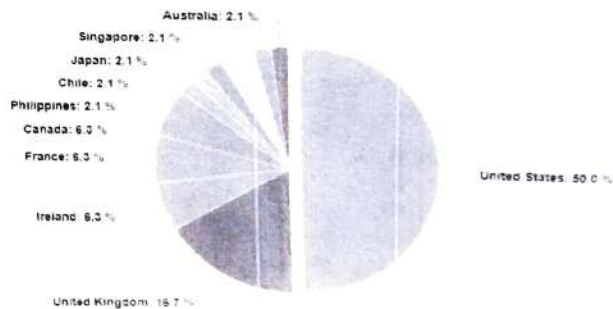
## Importance in job market

Tableau: High demand skill to improve business decision-making. Average salary is 7.0 LPA, and the salary ranges from 3.0 LPA to 15.0 LPA as per the report. A person with knowledge of Tableau can get many roles like data analyst, business analyst, Tableau consultant, Data scientist, Business Intelligence Manager, Data Visualization Developer

Breakdown of Salesforce Einstein Analytics customers by Industry



Breakdown of Salesforce Einstein Analytics customers by Country



## Contact

[www.linkedin.com/in/saba-shahrukh-52168865](https://www.linkedin.com/in/saba-shahrukh-52168865) (LinkedIn)

## Top Skills

Artificial Intelligence (AI)

salesforce

Microsoft Dynamics 365 Certified

## Certifications

MB-910 Microsoft Dynamics 365 Fundamentals

Salesforce certified AI Associate

Salesforce certified OmniStudio Developer

Vlocity Quoting Insurance Developer

# Saba Shahrukh

Double Star Ranger, Certified OmniStudio developer, Insurance Quoting developer, AI Associate, Financial Services Cloud Practitioner

## Summary

Started as customer support engineer so practiced empathy and service skills for almost two years. Self taught and unskilled to niche cloud technology Salesforce while on job and entered Salesforce ecosystem. Continued to learn and upgrade Salesforce skills. Became Salesforce evangelist and started sharing Salesforce knowledge and started as freelance Salesforce trainer in Urban Pro. Made it as a Technical consultant for Salesforce and journey continues..

## Experience

Salesforce

Technical Consultant

May 2022 - Present (1 year 10 months)

Tata Consultancy Services

IT Analyst

July 2017 - May 2022 (4 years 11 months)

Salesforce consultant. Lightning migration specialist. Angular developer.

ASM Technologies Ltd

Information Technology Analyst

December 2015 - July 2017 (1 year 8 months)

IT Analyst

Convergys Intelligent Contact

Technical Support Specialist

April 2013 - September 2015 (2 years 6 months)

Senior Support engineer for Microsoft Office 365 products and subscriptions,  
Voice process supporting US and UK customers.

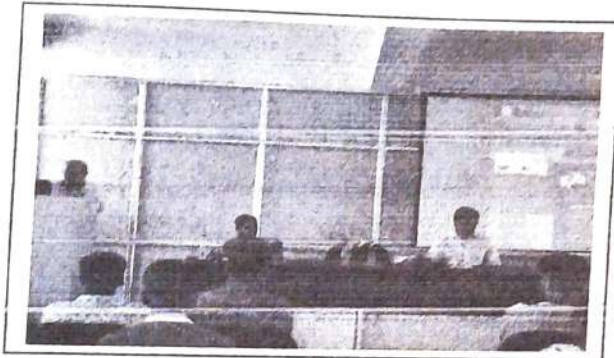
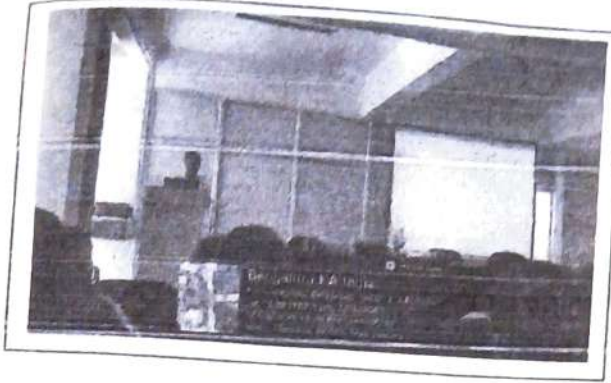
## Education

Don Bosco Institute of Technology, BANGALORE  
Bachelor of Engineering - BE, Electrical and Electronics  
Engineering · (September 2008 - June 2012)



# Photo Gallery

subscriptions.





# DBIT Institute of Technology Alumni Association (R)

170/2nd, Hombalagodu, Bengaluru - 560074



Accounting - Relations

In Collaboration with the  
Departments of MBA, ME, R&D & IIC



## 2 Days Workshop on Fundamentals of Business Analytics using Tableau, OmniStudio & Predictive AI Solutions in Salesforce

23-Feb-2024 | Friday and  
09-Mar-2024 | Saturday

Venue : Seminar Hall A001, DBIT

### Resource Person



**Mr. Saba  
Shahrukh**

(EEE - 2012 Batch)

Technical Consultant  
Salesforce

### About the Workshop

The Objective of the Workshop is to provide hands-on experience to the students of MBA & Mechanical Engineering across the world on various tools as Tableau for Data Analysis & Visualisation, OmniStudio for AI Solutions in Salesforce & Predictive AI Solutions in Salesforce Relationship Management.

### Presided By

**Sri. B. Bylappa**

President, WET

**Sri. B. Manjunath**

Executive Director, DBIT

**Sri. Raghav Bylappa**

Secretary, WET

### Organizing Chairs

**Dr. B S Nagabhushana**

Principal, DBIT

**Dr. Buvaneswari P**

HOD, MBA Dept.

**Dr. K C Anantha Padmanabham**

HOD, ME Dept.

**Prof. Rafi Ahmed Z**

Coordinator, DBITAA



**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Kumbalgodu, Mysuru Road, Bengaluru-560 074, Karnataka



**“COMMODITY DERIVATIVES & MARKETS”**  
(20<sup>th</sup> December, 2023)

Organized by:

**Department of MBA**

Co-ordinated by

Shivalingappa B

Assistant Professor, Dep of MBA

Held at

**MBA Seminar Hall, DBIT**

During

**December, 2023**



***Don Bosco Institute of Technology***  
**Department of Research and Development**  
Kumbalagodu, Bengaluru



## Contents

Authentication Page

Introduction/ Preamble

Resource Person(s) Details

Attendance

Sponsors / Collaborators

Execution Approach/ Schedule/Time Table/Flow

Photo Gallery& Video web link

Annexure: Copy of permission letter, Invitation, Bio Data of resource Person

# Authentication Page

A REPORT ON  
"AWARENESS PROGRAM ON COMMODITY DERIVATIVES &  
MARKETS"

Organized by: Department of Management Studies and Research.

Coordinated by: Shivalingappa B  
Assistant Professor,  
Dept. of MBA, Don Bosco Institute of Technology, Bengaluru

Held at Venue: Don Bosco Institute of Technology and MBA Seminar Hall

During: 20<sup>th</sup> December 2023


Academic Year: 2023-24

Signature of the Coordinator with date:

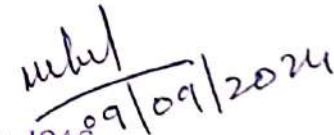
Shivalingappa B Asst. Prof MBA.

  
20/12/23

Signature of the HOD with date

  
Head of Department  
MBA Department  
DON BOSCO INSTITUTE OF TECHNOLOGY  
Kumbalagodu, Mysore Road,  
Bangalore - 74

Signature of the Head-IQAC with date:

  
Director - IQAC  
Don Bosco Institute of Technology  
Mysore Road, Kumbalagodu  
Bengaluru-560 074

Signature of the Principal with date:

  
PRINCIPAL  
Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074.

## Introduction/Preamble

“Awareness program on commodity derivatives and markets” was conducted by Department of management studies and research, Don Bosco Institute of Technology. The aim of the Program was conducted to understand the various concepts of commodity market derivatives. The program was intended to develop the knowledge of students of PG for the development and to make them understand the importance of derivatives.

Program was attended by 60 Participants

The esteemed personalities present on the inauguration of the programme:

- Dr. K.Prabhakaran
- Dr. Buvaneswari P, HOD – MBA
- Mr. Shivalingappa B, Assistant Professor, MBA

With all the faculties and 3rd semester MBA students from the Department of Management Studies and Research, DBIT.



## Short Profile of Dr.K.Prabhakaran



Dr.K.Prabhakaran as a Director, Edify EdTech, Coimbatore and Empanelled Resource Person of SEBI, NCDEX, NISM & NCFE.

He have completed post-graduation in Business Administration with Finance specialization at School of Management, Annamalai University and obtained doctoral degree in Finance at Bharathiyar University, Coimbatore in the domain of stock market. He does possess 19 years of teaching, Industry and research experience in higher-educational multicultural settings, including Muscat College, Sultanate of Oman (Affiliated to Stirling University, London, United Kingdom), Leading Business Schools in Tamilnadu, and leading Stock Broking Companies in India.

His research focus on Stock Market Volatility, Mutual Fund Operations, Technical Analysis, Capital Market Efficiency and Foreign Exchange Market. He has published more than 75 research papers in well ranked research journals and conferences. He has completed more than 9 NISM and NCFM certifications. He has attended many FDPs and workshops at IIMs, SEBI, BSE, NSE, NISM and Reputed Colleges.

He received NSE Certified Market Professional (NCMP) and SEBI Smart. He has conducted more than 1450 SEBI, BSE, NSE, NCDEX, NCFE & CA Institute programmes like that Financial Education and Investor awareness programmes at pan India. He has trained more than 5000 students for NISM, NCFM certificate courses and Entrepreneurial program. He acted as a resource person and key note speaker for more the 300 Conferences and Seminars through online and offline.

He also visiting faculty of various reputed Universities, Financial Institutions and colleges. His core strength is Security Analysis & Portfolio Management, Financial Derivatives, Mutual Fund Operations, Wealth Management, Financial Analysis and Entrepreneurship.

Sl. No.	Usn	Name	Sl. No.	Usn	Name
1	1DB22BA001	Amrutha B K	31	1DB22BA031	Mohanraj H C
2	1DB22BA002	Amulya Purohit	32	1DB22BA032	Monika K
3	1DB22BA003	Anushree N	33	1DB22BA033	Nimisha M S
4	1DB22BA004	Arvinda R	34	1DB22BA034	Nithin T C
5	1DB22BA005	Asha N	35	1DB22BA035	Pallavi B S
6	1DB22BA006	Aswini L	36	1DB22BA036	Pallavi T N
7	1DB22BA007	Bhavana S	37	1DB22BA037	Pavithra V
8	1DB22BA008	Deepika J	38	1DB22BA038	Preethi U
9	1DB22BA009	Dhanush R	39	1DB22BA039	Priyadarshini S
10	1DB22BA010	Dheeraj R	40	1DB22BA040	Priyanka Shree H
11	1DB22BA011	Disha H	41	1DB22BA041	Raksha S
12	1DB22BA012	Guru Prasad G	42	1DB22BA042	Rakshitha B
13	1DB22BA013	Harshitha B T	43	1DB22BA043	Renuka Prasad N
14	1DB22BA014	Harshitha H L	44	1DB22BA044	Sadiya Saddaf
15	1DB22BA015	Hemanth Kumar S	45	1DB22BA045	Sakthivel G
16	1DB22BA016	Hemanthnayak K R	46	1DB22BA046	Sandeep N
17	1DB22BA017	Ibbani H R	47	1DB22BA047	Sanjitha R
18	1DB22BA018	K R Yashawanth	48	1DB22BA048	Santhosh Kumar M S
19	1DB22BA019	Kiran Kumar	49	1DB22BA049	Shahista Taj
20	1DB22BA020	Likitha R	50	1DB22BA050	Sindhu S
21	1DB22BA021	M Sreelekha	51	1DB22BA051	Smitha J Dalvi
22	1DB22BA022	Madan G S	52	1DB22BA052	Sunil N B
23	1DB22BA023	Madan M S	53	1DB22BA053	Sushmitha T
24	1DB22BA024	Maithreyi M S	54	1DB22BA054	Vandith N
25	1DB22BA025	Manavi M N	55	1DB22BA055	Veeresh V
26	1DB22BA026	Manoj G P	56	1DB22BA056	Vinutha M
27	1DB22BA027	Meghana C R	57	1DB22BA057	Vishnuvardhan J
28	1DB22BA028	Mohammed Dastagir	58	1DB22BA058	Vivek G
29	1DB22BA029	Mohammed Salman Mulla	59	1DB22BA059	Yashaswini M R
30	1DB22BA030	Mohan G S	60	1DB22BA060	Yashaswini S



## FEED BACK ANALYSIS OF PARTICIPANTS

Programme Location: Don Bosco Institute of Technology, Kumbalagodu, Mysore road

Date: 20<sup>th</sup> December 2023

Total No. of Participants: 60

---

Q.1) From where you got the information about this programme?

- |                            |                 |
|----------------------------|-----------------|
| a) Pamphlets / Broacher    | 00 Nos. (0 %)   |
| b) Newspaper Advertisement | 00 Nos. (0.0 %) |
| c) Posters/ Hand Bills     | 60 Nos. (100 %) |
| d) Other (Please Specify)  | 0 Nos.          |

Q.2) What is your opinion about the duration of Programme?

- |             |                   |
|-------------|-------------------|
| a) Short    | 40 Nos. (67.00 %) |
| b) Adequate | 9 Nos. (15.00 %)  |
| c) Long     | 11Nos. (18.00 %)  |

Q.3) Did you find the Programme useful?

- |                   |                   |
|-------------------|-------------------|
| a) Very much      | 50 Nos. (83.00 %) |
| b) To some extent | 09 Nos. (15.00 %) |
| c) Not useful     | 1 Nos. (2.00 %)   |

Q.4) Did it fulfil your expectations?

- |                   |                   |
|-------------------|-------------------|
| a) Yes            | 40 Nos. (67.00 %) |
| b) To some extent | 19 Nos. (31.00 %) |
| c) No             | 1 Nos. (2.00 %)   |

Q.5) Planning of the Programme

- |                 |                   |
|-----------------|-------------------|
| a) Excellent    | 40Nos. (67.00 %)  |
| b) Very good    | 06 Nos. (10.00 %) |
| c) Good         | 8 Nos. (13.00 %)  |
| d) Satisfactory | 5 Nos. (8.00 %)   |
| e) Poor         | 1Nos. (2.00 %)    |
- 
-






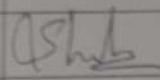
**DEPARTMENT OF MANAGEMENT STUDIES AND RESEARCH**

**Attendance for Workshop - NCDEX**

**Academic year 2023-24 dated 20/12/2023**

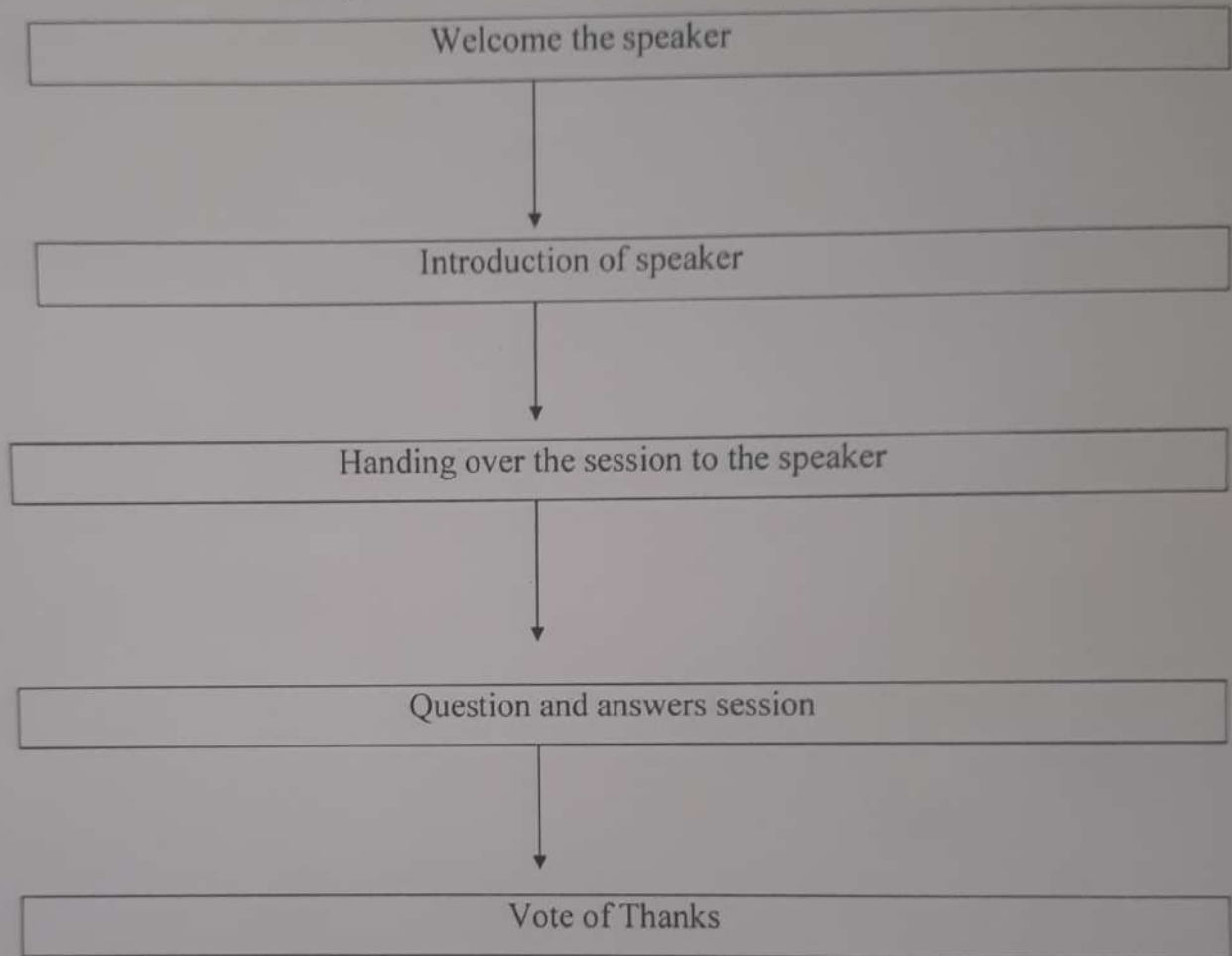
Sl.No.	USN	Name of the Student	Signature
1	1DB22BA001	Amrutha B K	<u>Amrutha</u>
2	1DB22BA002	Amulya Purohit	
3	1DB22BA003	Anushree N	
4	1DB22BA004	Arvinda R	<u>Arvinda</u>
5	1DB22BA005	Asha N	<u>Asha</u>
6	1DB22BA006	Aswini L	<u>Aswini.L</u>
7	1DB22BA007	Bhavana S	
8	1DB22BA008	Deepika J	<u>Deepika.J</u>
9	1DB22BA009	Dhanush R	<u>Dhanush.R</u>
10	1DB22BA010	Dheeraj R	
11	1DB22BA011	Disha H	
12	1DB22BA012	Guru Prasad G	<u>Guru Prasad G</u>
13	1DB22BA013	Harshitha B T	<u>Harshitha.B.T</u>
14	1DB22BA014	Harshitha H L	<u>Harshitha.H.L</u>
15	1DB22BA015	Hemanth Kumar S	
16	1DB22BA016	Hemanthnayak K R	<u>Hemanthnayak.K.R</u>
17	1DB22BA017	Ibbani H R	<u>Ibbani.H.R</u>
18	1DB22BA018	K R Yashawanth	
19	1DB22BA019	Kiran Kumar	<u>Kirankumar</u>
20	1DB22BA020	Likitha R	<u>Likitha.R</u>

21	1DB22BA021	M Sreelekha	M. Sreelekha
22	1DB22BA022	Madan G S	Madan G S
23	1DB22BA023	Madan M S	Madan M S
24	1DB22BA024	Maithreyi M S	Maithreyi
25	1DB22BA025	Manavi M N	Manavi
26	1DB22BA026	Manoj G P	Manoj G P
27	1DB22BA027	Meghana C R	
28	1DB22BA028	Mohammed Dastagir	Dastagir
29	1DB22BA029	Mohammed Salman Mulla	
30	1DB22BA030	Mohan G S	Mohan G S
31	1DB22BA031	Mohanraj H C	
32	1DB22BA032	Monika K	Monika K
33	1DB22BA033	Nimisha M S	Nimisha M S
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37	1DB22BA037	Pavithra V	Pavithra V
38	1DB22BA038	Preethi U	
39	1DB22BA039	Priyadarshini S	Priyadarshini S
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57	1DB22BA057	Vishnuvardhan J	
58	1DB22BA058	Vivek G	
59	1DB22BA059	Yashaswini M R	<u>Yash. MR</u>
60	1DB22BA060	Yashaswini S	<u>Yashaswini S</u>



Programme Flow (20<sup>th</sup> December ,2023)



EX



GPS Map Camera



**Bengaluru, Karnataka, India**

Kumbalagodu, Don Bosco Institute Of Technology, opp. ICICI BANK, Bengaluru,

Karnataka 560074, India

Lat 12.881939°

Long 77.444118°

20/12/23 12:58 PM GMT +05:30

Google

## **Annexure**

1. Invitation letter attached
  2. Participant's feedback form attached
  3. Permission Letter from Principal
-





**Department of Management Studies & Research**

Ref: DBIT/MBA/WS-3/Dec.2023/

Date: 15/12/2023

To  
 The Principal,  
 DBIT, Bangalore.

Respected sir,

Sub: Indent to conduct workshop on Commodity Derivatives Market in association with NCDEX

National Commodity & Derivatives Exchange Limited (NCDEX/ the Exchange) is an Indian-based agricultural product exchange, a large market share in the agricultural products segment. The exchange assists Indian farmers in the price discovery process. It is created to build awareness amongst investors and to educate them about the 'Dos & Don'ts' in commodity derivatives trading.

In this regard department of MBA intend to conduct a workshop on "Awareness Programme on Commodity Derivative Markets" in association with NCDEX at MBA seminar hall on 20<sup>th</sup> December, 2023.

Dr. K. Prabhakaran, Empanelled resource person of SEBI, NCDEX, NISM & NCFE. The profile of the speaker is attached for your kind reference.

The proposed expenditure for this workshop is Rs.680/- (Six Hundred Eighty Only).

Please accord your approval for conducting this workshop.

Encl: Proposed Expenditure  
 Speaker profile

*[Handwritten Signature]*  
 Head of Department

*[Handwritten Signature]*

Principal

MBA Department  
 DON BOSCO INSTITUTE OF TECHNOLOGY  
 Kumbalagodu, Mysore Road,  
 Bangalore - 74



Accredited by  
UPE  
Delhi



Accredited by  
NBA  
New Delhi  
CSE, VET, ME,  
GE, EEE



Accredited by  
NAAC  
Bangalore



Affiliated to  
VTU  
Belagavi



Recognised by the  
Government of  
Karnataka

## DEPARTMENT OF MANAGEMENT STUDIES & RESEARCH

In Association with  
NCDEX Investor (Client) Protection Fund Trust

PRESENTS  **NCDEX**  
NCDEX Investor (Client) Protection Fund Trust

NCDEX IPFT Sponsored Awareness Program on  
"COMMODITY DERIVATIVES & MARKETS"

### RESOURCE PERSON



**DR. K. PRABHAKARAN**

DIRECTOR - EDITY EDTECH, COIMBATORE  
EMPANELLED RESOURCE PERSON OF SEBI,  
NCDEX, NISM & NCFE.

Date: 20-Dec-2023

Time: 11:30 AM

### PRESIDED BY

**SRI. B. MANJUNATH**  
EXECUTIVE DIRECTOR, DBIT

**SRI. B. BYLAPPA**  
PRESIDENT, WET

**SRI. RAGHAV BYLAPPA**  
SECRETARY, WET

### ORGANIZING CHAIRS

**DR. B S NAGABHUSHANA**  
PRINCIPAL, DBIT

**DR. BUVANESWARI P**  
HOD, DEPT OF MBA

Venue : Chanakya Seminar Hall, DBIT



## **DON BOSCO INSTITUTE OF TECHNOLOGY**

Kumbalgudu ,MysuruRoad, Bengaluru-74, Karnataka

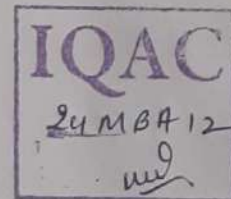
### **A Report on "Outbound Activity - Visit to Pyramid valley"**

Organized by:  
Department of Management Studies and Research

#### **Coordinated by**

**Prof Rajashekhara R**  
Assistant Professor, Dept.of MBA

**Prof Shivalingappa**  
Assistant Professor, Dept. of MBA



**Date: 15-07-2024**  
**Monday**



## Contents

Authentication Page	3
Introduction	4
Objectives and Outcomes	4
About Pyramid Valley	6
Description	7
Brochures	8
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Students List and Attendance	10

**Authentication Page**

**Organized By** Department of MBA  
**Coordinated by** Prof. Rajashekhara R  
Assistant Professor,  
Dept. of MBA

Prof. Shivalingappa  
Assistant Professor,  
Dept. of MBA

**Held on** 15-07-2024  
**Academic Year** 2023-24

**Signature of the Coordinator:**

*[Handwritten Signature]*  
18/07/24

**Signature of the IQAC Coordinator:**

*[Handwritten Signature]*  
21/07/24  
Don Bosco Institute of Technology  
Mysore Road, Kumbalagodu  
Bengaluru-560 074

**Signature of Head of the Department:**

**Head of Department**  
**MBA Department**  
DON BOSCO INSTITUTE OF TECHNOLOGY  
Kumbalagodu, Mysore Road,  
Bangalore - 74

**Signature of the Principal:**

*[Handwritten Signature]*  
**PRINCIPAL**  
Don Bosco Institute of Technology  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074.

## **Introduction**

Introducing an outbound activity for III semester MBA Students, centered on a visit to Pyramid Valley involves setting the stage for a transformative experience in a spiritually and environmentally enriching setting.

## **Objectives and Learning outcomes**

### **Objectives:**

- 1. Personal Growth:**
  - Encourage self-reflection and introspection through meditation and mindfulness practices.
  - Foster a sense of inner peace and clarity through interaction with the serene environment.
- 2. Team Building:**
  - Strengthen bonds among team members through shared experiences in a tranquil setting.
  - Enhance communication and collaboration skills through group activities and discussions.
- 3. Leadership Development:**
  - Cultivate leadership qualities such as empathy, patience, and resilience through challenging activities.
  - Provide opportunities for individuals to step into leadership roles and practice decision-making.
- 4. Environmental Awareness:**
  - Promote sustainability and eco-consciousness by learning about Pyramid Valley's conservation efforts.
  - Encourage participants to appreciate and respect natural surroundings.
- 5. Cultural Understanding:**



- Gain insights into the cultural and spiritual significance of Pyramid Valley and its teachings.
- Foster an appreciation for different belief systems and philosophies.

### **Learning Outcomes:**

- 1. Enhanced Self-awareness:**
  - Participants develop a deeper understanding of themselves through introspective practices.
  - Gain tools for managing stress and improving overall well-being.
- 2. Improved Team Dynamics:**
  - Increased trust and camaraderie among team members leading to improved teamwork.
  - Enhanced ability to resolve conflicts and work collaboratively towards common goals.
- 3. Leadership Skills Development:**
  - Participants acquire practical leadership skills such as decision-making and conflict resolution.
  - Gain confidence in their ability to lead and inspire others.
- 4. Environmental Responsibility:**
  - Heightened awareness of environmental issues and a commitment to sustainable practices.
  - Encouragement to apply eco-friendly principles in daily life and work.
- 5. Cultural Sensitivity and Respect:**
  - Appreciation for diverse cultures and spiritual traditions, fostering tolerance and understanding.
  - Recognition of the importance of cultural sensitivity in personal and professional interactions.
- 6. Mindfulness and Stress Management:**
  - Techniques learned during the visit can be applied to manage stress and maintain mental well-being.

- Integration of mindfulness practices into daily routines for sustained benefits.

### About Pyramid Valley:

Pyramid Valley International, a serene valley surrounded by greenery and small hills, is the perfect place for going deep within oneself. The 28-acre campus hosts the world's largest pyramid structure built solely for meditation. Towering to the height of 100 feet/ 30 meters — the height of a 10-storey building — the Mega-Pyramid is a silent abode of sacred energies that allows meditators to experience calmness pretty rapidly. The entire campus is dotted with high-energy spots for meditation and silent retreat. In addition, you can attend one of the numerous talks, workshops and trainings that are conducted in the state-of-the-art training rooms.

#### Maitreya Buddha Pyramid

Welcome to the mystical Pyramid Valley...nestled in the serene and pollution-free environs, just outside Bengaluru City, where the pristine beauty of nature overcomes the conditioned human limitations, and you become one with the elements of the universe.

The journey from the entrance to the Pyramid — through beautiful landscape of rocks, lush green gardens, soothing water bodies and pathways — helps you transcend the mind towards calmness. The peaceful meditative Buddha at the entrance of the Pyramid is a perfect setting to be one with yourself.

It is no wonder that the Pyramid Valley has earned the distinction of being chosen by the daily 'Bangalore Mirror' as one of the 'Seven Wonders of Bengaluru'. Pyramid Valley is a paradise where the spiritual and emotional needs are met. You can relax, meditate, be one with nature, or experiment by learning new life skills. It is also a place to encounter the experiences of world's spiritual masters, and develop a holistic approach to life and learning.



The Maitreya Buddha Pyramid inside the Pyramid Valley occupies a base area of 160' x160' and is as tall as a ten-storey building at a 102 ft. height. It can accommodate about 5,000 meditators at a time.

The Pyramid is constructed on the principles of the Great Pyramid of Giza. Oriented exactly in the North – South direction, the four faces of the Pyramid have the golden angle of inclination at 51°50'. The King's Chamber is located at the centre of the Pyramid, at 1/3rd the height from the base the Pyramid.

Thousands of people meditate daily inside the Pyramid and hence there is stupendous energy available for everyone to get recharged.



# Photo Gallery





Wayanamac Education Trust (R)  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Kumbalagodu, Mysore Road, Bangalore – 560074  
Ph: +91-80-28437028 / 29/30 Fax: +91-80-28437031  
www.dbit.co.in



**IV Semester- 2022-24 Batch**

SLNo.	USN	Name of the Student	Attendance
1	1DB22BA001	Amrutha B K	✓
2	1DB22BA002	Amulya Purohit	✓
3	1DB22BA003	Anushree N	✓
4	1DB22BA004	Arvinda R	✓
5	1DB22BA005	Asha N	✓
6	1DB22BA006	Aswini L	✓
7	1DB22BA007	Bhavana S	✓
8	1DB22BA008	Deepika J	✓
9	1DB22BA009	Dhanush R	✓
10	1DB22BA010	Dheeraj R	✓
11	1DB22BA011	Disha H	✓
12	1DB22BA012	Guru Prasad G	✓
13	1DB22BA013	Harshitha B T	✓
14	1DB22BA014	Harshitha H L	✓
15	1DB22BA015	Hemanth Kumar S	✓
16	1DB22BA016	Hemanthnayak K R	✓
17	1DB22BA017	Ibbani H R	✓
18	1DB22BA018	K R Yashawanth	✓
19	1DB22BA019	Kiran Kumar	✓
20	1DB22BA020	Likitha R	✓
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25	1DB22BA025	Manavi M N	✓
26	1DB22BA026	Manoj G P	✓
27	1DB22BA027	Meghana C R	✓
28	1DB22BA028	Mohammed Dastagir	✓
29	1DB22BA029	Mohammed Salman Mulla	✓
30	1DB22BA030	Mohan G S	✓
31	1DB22BA031	Mohanraj H C	✓
32	1DB22BA032	Monika K	✓

Sl.No.	USN	Name of the Student	Attendance
33	1DB22BA033	Nimisha M S	✓
34	1DB22BA034	Nithin T C	✓
35	1DB22BA035	Pallavi B S	✓
36	1DB22BA036	Pallavi T N	✓
37	1DB22BA037	Pavithra V	✓
38	1DB22BA038	Preethi U	✓
39	1DB22BA039	Priyadarshini S	✓
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42	1DB22BA042	Rakshitha B	✓
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51	1DB22BA051	Smitha J Dalvi	✓
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55	1DB22BA055	Veeresh V	✓
56	1DB22BA056	Vinutha M	✓
57	1DB22BA057	Vishnuvardhan J	✓
58	1DB22BA058	Vivek G	✓
59	1DB22BA059	Yashaswini M R	✓
60	1DB22BA060	Yashaswini S	✓



# **DON BOSCO INSTITUTE OF TECHNOLOGY**

Kumbalgoda, Mysuru Road, Bengaluru-74, Karnataka



A Report

On

## **Outbound Training at Janapada Loka**

Organised by

**DON BOSCO INSTITUTE OF TECHNOLOGY**



Coordinated by

**Dept. of Management Studies & Research  
DBIT**

On

**03<sup>rd</sup> May 2023**

## Contents

Authentication Page

Introduction and brief report

Schedule/ Program flow

Photo Gallery

Annexure: Learning outcomes, Copy of permission letter, Attendance, Request mail to the manager of Janapada Loka

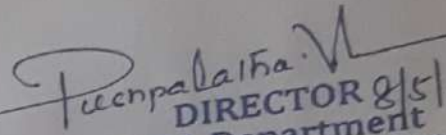
## Authentication Page

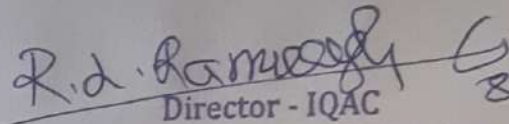
A Report on **Outbound Training at Janapada Loka**

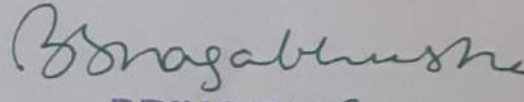
Organized by **Don Bosco Institute of Technology**

Coordinated by **Department of Management Studies & Research**

Held on **03/05/2023**

Signature of the Director-Head, MBA with date:   
**DIRECTOR 8/5/2023**  
**MBA Department**  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Kumbalagodu, Mysore Road  
Bengaluru-560 074

Signature of the Head-IQAC with date:   
**Director - IQAC 8/5/23**  
**Don Bosco Institute of Technology**  
Mysore Road, Kumbalagodu  
Bengaluru-560 074

Signature of the Principal with date:   
**PRINCIPAL 8/5/23**  
**Don Bosco Institute of Technology**  
Kumbalagodu, Mysore Road,  
Bangalore - 560 074.



## A REPORT ON “OUTBOUND TRAINING AT JANAPADA LOKA - 2023”

Outbound training is a type of experiential learning training workshop that involves engaging individuals in outdoor team activities such as hiking, rock climbing, and team-building exercises. The purpose of outbound training is to develop teamwork, leadership, communication, and problem-solving skills.

The essence of outbound training is to expose the students for experiential learning on Management concepts – enhancing managerial skills like leadership, interpersonal skills, communication, team building, decision making and POSLAC.

Outbound training is very important for MBA students because it provides a unique and immersive learning experience to help students develop leadership skills, teamwork and adaptability.

Outbound training was organized for I sem MBA students of 2022-24 batch. The institution had arranged the transportation to reach the location i.e., Janapada Loka. 49 students and 7 faculty members of MBA department attended outbound training.

Outbound training started with the welcome speech by Ms Maitreyi, I SEM MBA student. Dr Pushpalath V, Director, Department of Management Studies and Research gave brief about Outbound Training.

Later 7 teams were formed and each team consists of 7 members. Each team is given a name like Ganga, Yamuna, Cauvery, Krishna, Tungabhadra, Godavari, Kali.

All the activities are designed by Director and faculty members of MBA department.

First activity was on COMMUNICATION where passing the message within a team which improves teamwork, productivity, increased employee engagement and avoid miscommunication. Here in each team leader was elected and the message is been given where the same message should be passed to other team members. The last member of the team should tell the same message which is been shared by the team leader.

Second activity was BLIND FOLD POLYGON which improves communication skills and encourages collaboration. Here the team member should cross the barriers with blindfold guided by another team mate and the main strategy was effective communication, listening and reflective listening in order to win.

Third activity was BALANCING THE BALLON. It builds trust, improves Mental health, Morale, increase confidence level and encourage creativity. Here all team

members should balance the balloons with the help of other team member where each team used different strategies like commanding, learning from others mistake, coordination in order to achieve team goal.

The activities were engaging and challenging, while also learning valuable lessons about collaboration, coordination, listening skills and leadership.

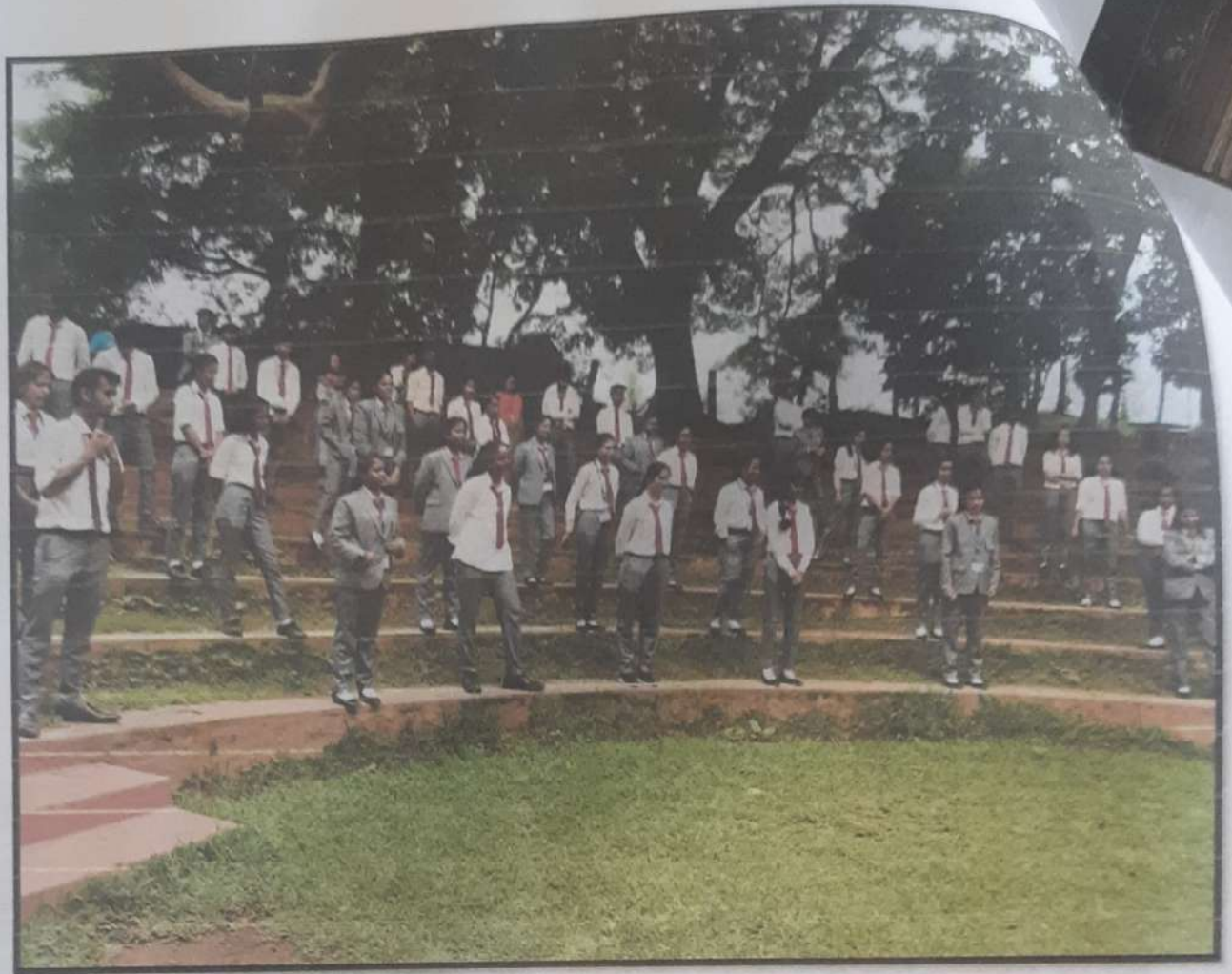
In addition, students also gained insight into our own strengths and weaknesses that can be used to better prepare ourselves for our future careers. Then we also had glimpse of Folk culture with Janapada geethe.

Overall, this training helped the students to build trust, increases confidence level, improves intellectual, social and emotional skills.

Photo Gallery

















## Learning outcomes

- It helped students to know about the importance of communication, Time Management, Team building and Listening skills.
- They also learnt about how to learn from others mistakes which has to be implemented not only in professional life but also in personal life.
- They also got to know how to develop problem solving skills
- They are also aware of increasing morale among team members, productivity and efficiency.
- It also helped them to socialize with their classmates.



**DEPARTMENT OF MANAGEMENT STUDIES & RESEARCH**

Ref: DBIT/MBA/OBT/Apr.2023/061

Date: 19/04/2023

To  
The Principal,  
DBIT, Bengaluru.

Respected sir,

Sub: Outbound Training

MBA department is proposing to organise outbound training for 1<sup>st</sup> Semester students at Janapada Loka, Ramanagara on 3<sup>rd</sup> of May 2023, Wednesday between 10.00 am to 1.00 pm.

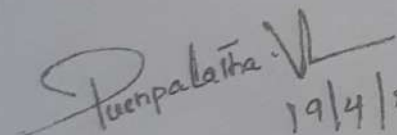
The essence of outbound training is to expose the students for experiential learning on management concepts – enhancing managerial skills like leadership, interpersonal skills, communication, team building, decision making & POSLAC.

As per the plan to conduct the management activities, we are hiring open Air Theatre for half a day session for which they charge Rs.3500/- + 18% GST of Rs. 630/- amounts to Rs. 4130/- (Four Thousand one Hundred and Thirty Only).

The entry fee of Rs.80/- per head will be borne by students & faculty members.


Please accord your approval for the conduction of outbound training and Rs.4130/- (Rupees Four Thousand one Hundred and Thirty Only) to be paid to the Janapada Loka for space utilization.

Also, provide transportation facility for 60 students & faculties between 9.30am to 3.00 pm.

  
19/4/2023  
Director – MBA

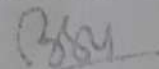
Principal

Approved


  
20/4/23

To  
Transport,

pl. see if we can provide



19/4

  
28/04/23

Date: 3/05/2023

### Programme Flow

- Gathering
- Welcome Speech by student
- About Outbound Training

Why Outbound Training? What are the benefits? By Director.

- Team formation  
Team name: Ganga, Yamuna, Cauvery, Krishna, Thungabadra, Godhavari, Kali
- Positioning Team
- Activity

1. Communication:

It improves teamwork, productivity, client relations, direction for employees, increased employee engagement & avoid miscommunication

2. Blind Fold Polygon:

It improves communication skills and encourages collaboration

3. Team Building Activity (Balancing the balloon)

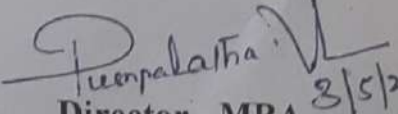
It Build Trust, Improve Mental Health, Morale, Increase Confidence Level & Encourage creativity

4. Building Towers (paper)

It helps in improving intellectual skill, social & emotional skills & also improves creativity.

5. Balancing Book

It develops better concentration & eye-hand coordination, how you balance personal & professional life in day to day life & how you reach individual & organizational goal by optimizing resources.

  
Director - MBA 3/5/2023



# DON BOSCO INSTITUTE OF TECHNOLOGY

DEPARTMENT OF MANAGEMENT STUDIES AND RESEARCH

Attendance - Visit to Janapada Loka

Sl No	Name of the student	Signature
1 ✓	Amrutha B K	Amrutha.B.K
2 ✓	Amulya Purohit	
3	Anushree N	
4 ✓	Arvinda R	Arvinda.R
5 ✓	Asha N	
6 ✓	Aswini L	Aswini.L
7	Yashaswini M R	
8	Bhavana S	
9 ✓	Deepika J	Deepika.J
10 ✓	Dhanush R	
11 ✓	Dheeraj R	Dheeraj.R
12	Disha H	
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18 ✓	Ibbani H R	
19 ✓	Kiran Kumar S.P	
20 ✓	Likitha R	Likitha.R
21 ✓	Madan G S	
22 ✓	Madan M S	Madan.M.S
23 ✓	Maithreyi M S	Maithreyi
24 ✓	Manavi M N	Manavi
25	Manoj G P	
26 ✓	Meghana C R	Meghana.C.R.
27 ✓	Mohammed Dastagir	Dastagir
28 ✓	Mohammed Salman Mulla	Salman.M
29 ✓	Mohan G S	Mohan.G.S
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33 ✓	Nithin T C	Nithin.T.C
34 ✓	Pallavi B S	Pallavi.B.S

Sl No	Name of the student	Signature
35 ✓	Pallavi T N	Pallavi T N
36 ✓	Pavithra V	Pavithra V
37 ✓	Preethi U	
38 ✓	Priyadarshini S	
39 ✓	Priyanka Shree H	Priyanka Shree H
40 ✓	Raksha S	Raksha S
41 ✓	Rakshitha B	
42	Renuka Prasad N	
43 ✓	Sadiya Saddaf	Sadiya Saddaf
44 ✓	Sakthivel G	
45 ✓	Sandeep N	Sandeep N
46	Sanjitha R	
47 ✓	Santhosh Kumar M S	
48 ✓	Shahista Taj	Shahista Taj
49 ✓	Sindhu S	Sindhu S
50 ✓	Smitha J Dalvi	
51 ✓	Sreelekha M	M. Sreelekha
52 ✓	Sunil N B	Sunil N.B
53 ✓	Sushmitha T	Sushmitha T
54 ✓	Vandith N	
55 ✓	Veeresh V	
56	Vinutha M	
57 ✓	Vishnuvardhan J	J.V
58 ✓	Vivek G	
59 ✓	Yashaswini S	Yashaswini S
60 ✓	K R Yashawanth	

T MBA stude  
 HoD - MBA Dept  
 Mon 17-04-2023 14:13  
 To: kjp@janapadaloka.in  
 To:  
 The Mana

BIT MBA students Visit to Janapada Loka

HoD - MBA Dept <mba@dbit.co.in>

Mon 17-04-2023 14:13

To: kjp@janapadaloka.in <kjp@janapadaloka.in>

To,  
The Manager,  
Janapada Loka.

This has reference to our talk regarding Out Bound training for our MBA students. we would wish to avail suitable place for conducting Management activities for half a day session from 10.30 AM to 1.30 PM on 26th April 2023(Wednesday).Seven faculties will be accompanying 60 students. As it is used for educational purpose, you need to waive off entry fee for faculty members. we request you to send your quote for space utilization and entry fee per student.

Thanks & Regards

Dr. Pushpalatha V

Director - MBA (VTU)

Don Bosco Institute of Technology

Kumbalgodu, Bengaluru - 560074

Mobile - 9739801965

Mail id - drpushpalathav@dbit.co.in

Website - www.dbit.co.in





**JANAPADA LOKA**

**Bangalore-Mysore Road**

**Ramnagar-562159 Tel No: 7795632294**

=====

**DATE :03.05.2023**

Regarding the above matter, 60 people including students and teachers of DON BOSCO INSTITUTE OF TECHNOLOGY COLLEGE kumbalagodu, Bengaluru visited the folklore museum janapada loka ramanagara on 03.05.2023

1. students and teachers

= 60\*80 =4800=00

2. Hall rent for haf day (bayalu ranga madira)

= 4,130=00

GST 18%= 630

total = 4,130=00

**Grand total = 8,930=00**

ADMINISTRATIVE OFFICER

(SARASAVANI. K) 5.5.2023

**ಆಡಳಿತಾಧಿಕಾರಿ**

**ಜಾನಪದ ಲೋಕ**

**ರಾಮನಗರ-562159.**

# Tax Invoice

**Karnataka Janapada Parishath**  
 Jaladarshini Layout,  
 Near M S Ramaiah Hospital  
 New BEL Road, Bangalore  
 GSTIN/UIN: 29AAATK0906B1Z4  
 State Name : Karnataka, Code : 29  
 Contact : 23605033  
 E-Mail : kjpacchln@gmail.com

Invoice No.	Dated
<b>JL-0021/2022-23</b>	<b>3-May-23</b>
Reference No. & Date.	Mode/Terms of Payment
	<b>PAYTM</b>
	Other References

Buyer (Bill to)  
**Don Bosco Institute of Techonolgy**  
 Mysore Road, Kumbalagodu  
 Bangalore-560074  
 State Name : Karnataka, Code : 29

Terms of Delivery

SI No.	Particulars	HSN/SAC	Quantity	Rate	per	Amount
1	Hall Rent @ Janapada Loka, Ramanagar	9963				3,500.00
	Output - CGST					315.00
	Output - SGST					315.00
Total						<b>₹ 4,130.00</b>

Amount Chargeable (in words)

E. & O.E

**INR Four Thousand One Hundred Thirty Only**

HSN/SAC	Taxable Value	Central Tax		State Tax		Total Tax Amount
		Rate	Amount	Rate	Amount	
9963	3,500.00	9%	315.00	9%	315.00	630.00
Total			<b>3,500.00</b>		<b>315.00</b>	<b>630.00</b>

Tax Amount (in words) : **INR Six Hundred Thirty Only**

Remarks:

Bayalu Rangamandira booked for Half day for OUT  
 BOUND TRAINNING FOR MBA Students

Declaration

We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.

Company's Bank Details

Bank Name : SBI A/c No-33571376285-Ramanagara

A/c No. : 33571376285

Branch & IFS Code: DOLLAR COLONY & SBIN0004998

for Karnataka Janapada Parishath

Authorised Signatory

This is a Computer Generated Invoice

  
 8/5/2023  
**DIRECTOR**  
**MBA Department**  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
 Kumbalagodu, Mysore Road  
 Bengaluru-560 074



DEPARTMENT OF MANAGEMENT STUDIES & RESEARCH

OUTBOUND TRAINING IN JANAPADA LOKA ON 03/05/2023

Students Learning Experience from Outbound Training

This is the feedback about Outbound training held at Janapadaloka on 3<sup>rd</sup> May 2023. It was an effective day as it helped us to learn about listening skill, time management, team building and the way to make strategy and we also learnt how to make a better coordination between the team member and how to achieve a given task within the team and learnt how the good communication help us to instruct others in the team. The first activity is about improving the listening skill and the second activity is played with balloons which had taught us about building team management, time management and coordination between team members and also other than that we also enjoyed a lot and I would like to thank pushpalatha mam and my lectures for taking us to out bound training.

Hemant Nayak, I.T.R  
Name

Hemant Nayak, I.T.R  
Signature



# **DON BOSCO INSTITUTE OF TECHNOLOGY**

**Kumbalagodu, Mysuru Road, Bengaluru-560074**



**Guest lecture on**

**“Easy documentation, Execution and presentation (PPT)  
using jupyter Notebook”**

**Organized by**

**SPARK AURA**

**Dept. of Electrical & Electronics Engineering**

**Coordinated by**

**Mrs. Akshatha.R.Hegde**

**Assistant Professor, Dept. of EEE, DBIT**

**Held at**

**Don Bosco Institute of Technology**

**During**

**5<sup>th</sup> October 2023 10:00AM**

**2023-2024**



## Contents

Authentication Page	3
Introduction/ Preamble	4
Objectives and Learning outcomes	4
Attendance Report	5
Participant's feedback Summary	6
Photo & Gallery	6
Annexure	8

## Authentication Page

A report on Guest Lecture on "Easy documentation, Execution and presentation (PPT) using jupyter Notebook"

Organized by:

Coordinated by:

**Mrs. Akshatha.R.Hegde**

Assistant Professor,

Dept. of EEE, DBIT

Held at Venue: **Don Bosco Institute of Technology**

During: 5<sup>th</sup> October 2023 10:00AM

Academic Year: **2023-2024**

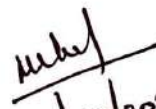
Signature of the Coordinator with date:

  
11/10/23

Signature of the HOD with date:

  
11/10/23

Signature of the Head-IQAC with date:

  
11/10/2023

Director - IQAC

Don Bosco Institute of Technology

Mysore Road, Kumbalagodu

Bengaluru-560 074

Signature of the Principal with date:



**PRINCIPAL**

Don Bosco Institute of Technology

Kumbalagodu, Mysore Road,

Bangalore - 560 074.



## **Introduction/ Preamble**

A Guest lecture on “Easy documentation, Execution and presentation (PPT) using jupyter Notebook” was organized for 7<sup>th</sup> Sem EEE and ME students by SPARK AURA, Dept. of EEE, Don Bosco Institute of Technology during 5<sup>th</sup> October 2023. The Program started at 10:00AM in SH-I and Varshini C, 4<sup>th</sup> year, EEE welcomed the gathering. Pooja K M, 4<sup>th</sup> year, EEE introduced the speaker followed by the brief introduction about the programme by Dr. Anguraja R, HOD-EEE. Dr. K C Anantha Padmanabham, HOD-ME motivated the students and imparted the importance of new technologies. Finally, vote of thanks was delivered by Srinivas N, 4<sup>th</sup> year, EEE.

## **Objectives and Learning outcomes**

The online guest lecture was organized on Jupyter Notebook for the students to make presentations and documentations in academics & career in an easy way.

## **OUTCOME**



The following topics were explained by Mr. Arun Kumar N:

- Introduction to Jupyter Notebook
- Creating documentation using Markdown Language
- Executing codes in the cell
- Converting the notebook to other formats
- Converting the document to presentation



## Attendance Report

32 participants have attended the Guest Lecture. The students found the session very informative. The session has also received overwhelming response and impressive feedback from the students.

 **Don Bosco Institute of Technology**  
**Department of Electrical & Electronics Engineering** 

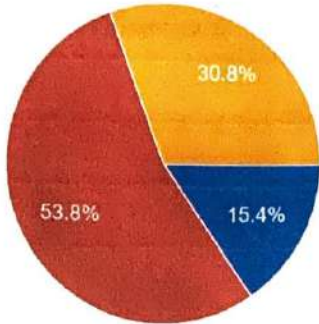
**Attendance list for Easy documentation, Execution and presentation (PPT) using Jupyter Notebook™**

Sl. No	USN	Name of Student	Signature
1	1DB20EE001	ABHISHEK M	<i>Abhishek M</i>
2	1DB20EE002	B S JAYANTH GOWDA	AB
3	1DB20EE003	BHARATH S P	<i>Bharath S P</i>
4	1DB20EE005	KESHAVA MURTHY K S	<i>Keshava Murthy K S</i>
5	1DB20EE006	POOJA K M	<i>Pooja K M</i>
6	1DB20EE007	SHRIVIDYA KULKARNI	AB
7	1DB20EE008	SRINIVAS N	<i>Srinivas N</i>
8	1DB20EE010	VARSHINI C	<i>Varshini C</i>
9	1DB21EE400	ARAVINDARAJU A N	<i>Aravindaraju A N</i>
10	1DB21EE401	CHANDRASHEKAR C N	AB
11	1DB21EE402	DHEENADAYALANK	<i>Dheena dayalan</i>
12	1DB21EE403	HARSHITHA C S	<i>Harshitha C S</i>
13	1DB21EE404	JAYASHREE D	<i>Jayashree D</i>
14	1DB21EE405	KARTHIK SWAMY HIEMATH	<i>Karthik Swamy</i>
15	1DB21EE406	LALITH KUMAR B	<i>Lalitha</i>
16	1DB21EE407	MOHAN GOWDA B K	<i>Mohan Gowda B K</i>
17	1DB21EE409	SWAPNA V PASMEL	AB
18	1DB21EE410	AKASH S	<i>Aakash S</i>

*Sup*  
HOD - EEE 11/16/23.

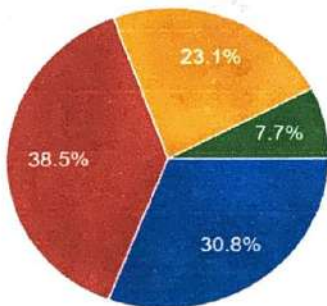
# Feedback Analysis

The program met my expectation  
13 responses



- Strongly agree
- Agree
- Neutral
- Disagree
- Strongly Disagree

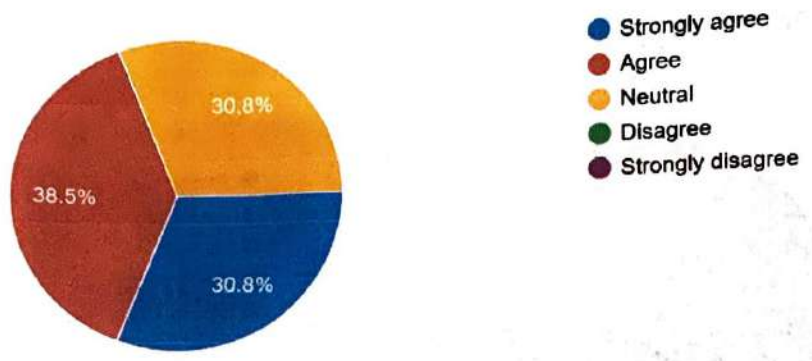
I'll be able to apply the concept  
13 responses



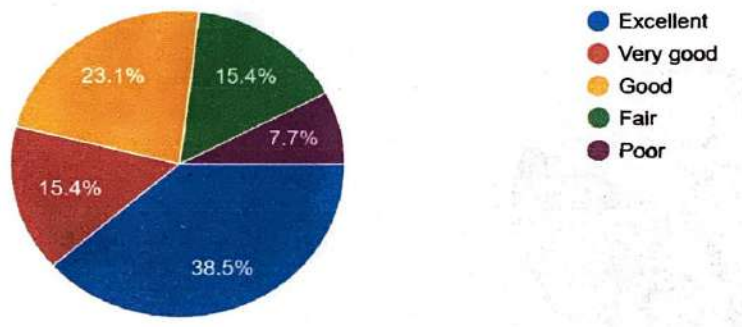
- Strongly agree
- Agree
- Neutral
- Disagree
- Strongly Disagree



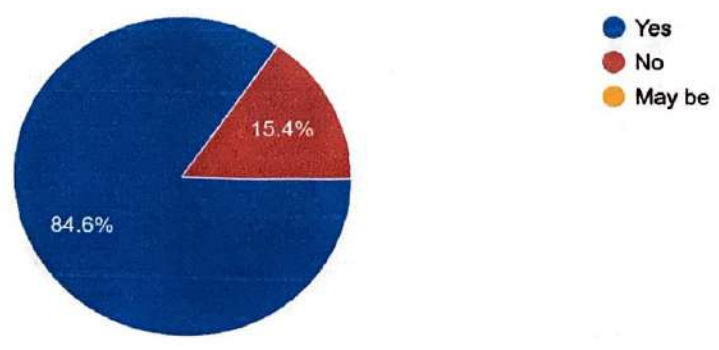
**The resource person was knowledgeable**  
13 responses



**The quality of instruction was good**  
13 responses

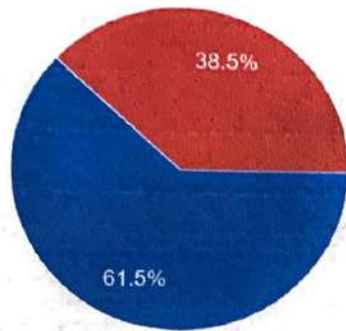


**Adequate time was provided for Q&A**  
13 responses



**The program was well placed with the allotted time**

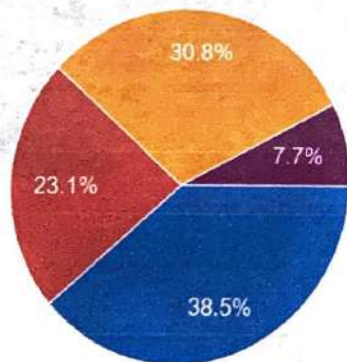
13 responses



- Yes
- No
- May be

**Overall programme was excellent**

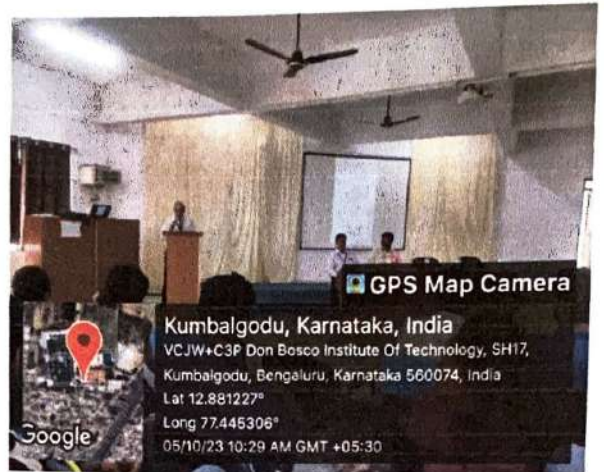
13 responses



- Strongly agree
- Agree
- Neutral
- Disagree
- Strongly disagree



## Photo & Gallery





# Annexure



Wayanamac Education Trust®  
**DON BOSCO INSTITUTE OF TECHNOLOGY**  
Kumbalagodu, Mysore road, Bangalore – 560074



Affiliated  
to VTU  
Belagavi



Approved by  
AICTE, New  
Delhi



Accredited by  
NAAC,  
Bangaluru



Accredited  
by NBA\*,  
New Delhi



Recognized  
by Govt. of  
Karnataka



**Department of Electrical & Electronics Engineering  
in Association with  
Department of Mechanical Engineering**

## **SPARK AURA**



**PRESENTS**

Guest lecture on  
**“Easy documentation, Execution and presentation (PPT)  
using Jupyter Notebook”**

**Date: 5<sup>th</sup> October 2023 10:00 AM  
Venue: SH-1**

**Resource persons  
Mr. Arun Kumar N  
Founder & Trainer,  
Skill Disk**

**CHIEF PATRON  
Sri. B. Bylappa  
President, WET, Bangalore.**

**PATRONS**

**Sri. B. Manjunath  
Executive Director, DBIT,  
Bangaluru.**

**Sri. Raghav Bylappa  
Secretary, WET,  
Bangaluru.**

**ORGANIZING CHAIRS**

**Dr. Nataraj K R  
Dean & Director, R& D  
DBIT, Bangaluru**

**Dr. Nagabhushana B S  
Principal  
DBIT, Bangaluru**

**Dr. ANGURAJA. R  
Head, Dept. of EEE  
DBIT, Bangaluru**

**Coordinator:  
Mrs. Akshatha. R. Hegde  
Assistant Professor, Dept. of EEE  
DBIT, Bangaluru**

**Student Coordinator  
Mr. Bharath S P, IV year, EEE  
Mr. Srinivas N, IV year, EEE**