

Alva's Institute of Engineering & Technology

Shobhavana Campus, Mijar, Moodbidri, D.K – 574225

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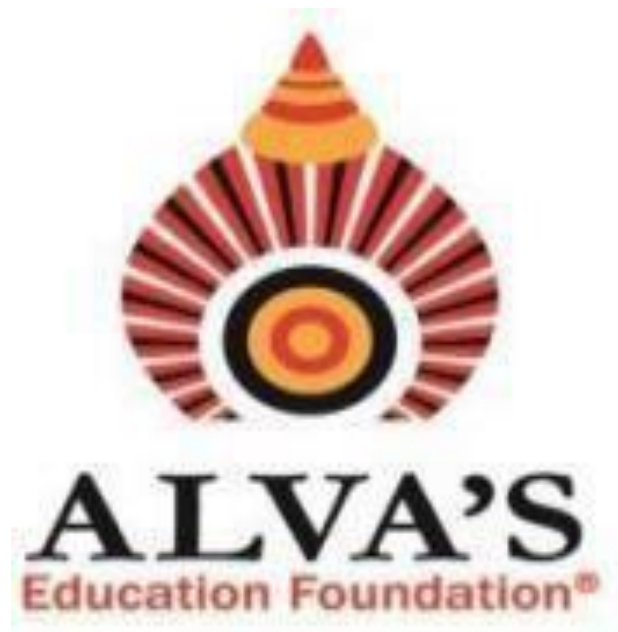


REPORT ON ICT/COMPUTING SKILLS 2023-24

Alva's Institute of Engineering & Technology

Shobhavana Campus, Mijar, Moodbidri, D.K – 574225

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ICT / COMPUTING SKILL (UG)

2023-24

ICT & COMPUTING SKILLS

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ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

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Shobhavana Campus, MIJAR-574225, Moodbidri, D.K., Karnataka

Ph: 08258-262725; Mob:722262724,7026262725,mail:principalaiet08@gmail

DEPARTMENT OF AGRICULTURE ENGINEERING

ACTIVITY REPORT 2023-24



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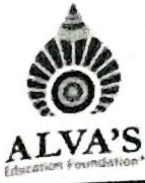
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Mob: 722262724, 7026262725, mail: principalaiet08@gmail.com

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Sl.	Company/ Organisation Details	Contact person	Date	No. of students
01	ICAR- Indian Institute of Horticultural Research, Bangalore	Dr. G. Senthil Kumar, Principal Scientist	08-01-2024	52



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Department of Agriculture Engineering

To

Date -29/12/2023

IQAC Chairman

AIET, Mijar

Respected Sir

Sub: Requesting to permit for KRISHITECH Forum inauguration
followed by guest lecture -reg.

We are happy to inform you that Department of Agriculture
Engineering organizing a KRISHITECH Forum inauguration followed by guest
lecture on 08/01/2024 in our campus. The details are mentioned below,
kindly request you do the needful.

Resource person details

Name: Dr. G. Senthil Kumar

Designation: Principal Scientist (FMP)

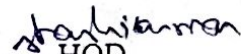
Organization details: ICAR- Indian Institute of Horticultural Research,
Bangalore

Venue: MBA Seminar Hall

Date/month/year: 08-01-2024

Timings: 11:00 AM to 12:40 PM


Forum Coordinator


H.O.D.

Dept. of Agricultural Engineering
Alva's Institute of Engg. & Technology
Mijar, Moodubidire - 574225


PRINCIPAL
Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K.



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Ph: 08258-262725; Mob: 722262724, 7026262725, mail: principalaiet08@gmail.com

Date: 29-12-2023

From,

The Principal,
AIET, Moodbidri

To,

The Director,
ICAR-Indian Institute of Horticultural Research, Bangalore.
Bangalore, Karnataka

Respected Sir/ Madam,

Sub: Requesting to depute Principal Scientist (Farm Machinery and Power Engineering)
for delivering a Guest Lecture – Reg.

I am pleased to inform you that, the Alva's Institute of Engineering and Technology, Moodabidire is one of the premier institute in Dakshina Kannada District offering B.E (Agriculture Engineering) Programme, since 2021. In this context, I take the privilege to invite Principal Scientist, having the specialization in Farm Machinery and Power Engineering as a resource person for a Guest Lecture to be organized by the Department of Agriculture Engineering on the topic "**Mechanization Status of Horticultural crops**" is scheduled on **08/01/2024 at 11:00 AM to 12:40 PM** in our campus. I request you to kindly accept our invitation and depute a Principal Scientist to enlighten our students by sharing his valuable professional experience.

Looking forward for your acceptance.

With kind regards, thanking you

PRINCIPAL
PRINCIPAL

Alva's Institute of Engg. & Technology,
Mijar. MOODBIDRI - 574 225, D.K



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Department of Agriculture Engineering

AIET/AG/AY2023-24/01

Date-29-12-2023


Circular

It is hereby informed to all the 3rd year (5th semester) and 2nd year (4th semester) Agriculture Engineering students to attend a **KRISHITECH** Forum inauguration followed by guest lecture on "**Mechanization Status of Horticultural crops**" organized by Department of Agriculture Engineering, AIET, Mijar. The resource person is **Dr. G. Senthil Kumar, Principal Scientist (FMP), ICAR- Indian Institute of Horticultural Research, Bangalore.** In this regard, all the Agriculture Engineering students should attend the event.

Venue: MBA Seminar Hall

Date: 08-01-2024

Timings: 11:00 AM to 12:40 PM


Forum - Coordinator


HOD

H.O.D.

Dept. of Agriculture Engineering
Alva's Institute of Engg. & Technology
Mijar, Moodbidri - 574225


Principal
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Copy to:

Principal table



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Mob: 722262724, 7026262725, mail: principalaet08@gmail.com

Internal Quality Assurance Cell (IQAC)

Department of Agriculture Engineering

Guest Lecture

Topic: "Mechanization Status of Horticultural crops"

Date: 8-01-2024

Sl.no	USN	Name Student	Semester	Signature
1	4AL21AG001	A BHOMIKA REDDY	V	Bhoomika
2	4AL21AG002	ABHISHEK K S	V	Abhishek
3	4AL21AG003	AJITH MALI PATIL	V	P
4	4AL21AG004	AMARNATH I	V	P
5	4AL21AG005	ANANYA K	V	P
6	4AL21AG006	CHAITRA	V	P
7	4AL21AG007	CHANDAN B M	V	Absent
8	4AL21AG009	CHETHAN P	V	P
9	4AL21AG010	DEEPAK M S	V	Absent
10	4AL21AG011	DEEPAK R	V	Deepak
11	4AL21AG012	H P Y SACHIN	V	Sachin
12	4AL21AG013	HAHEEL NIYAZ	V	P
13	4AL21AG014	JEEVAN KUMAR H N	V	P
14	4AL21AG015	K A PREKSHA	V	Preksha
15	4AL21AG016	KEERTHAN ALVA	V	Absent
16	4AL21AG017	KEERTHANA M RAM	V	P
17	4AL21AG018	KIRAN V	V	Absent
18	4AL21AG019	MANASI ANILRAO PAPPALÉ	V	Manasi



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19	4AL21AG020	MANSOOR P E	V	
20	4AL21AG021	MONISHA S	V	
21	4AL21AG022	NAGASHREE N	V	
22	4AL21AG023	NAVYA K	V	
23	4AL21AG024	POORNACHANDRA	V	
24	4AL21AG025	PRANEETH	V	
25	4AL21AG026	REGAN AIDON SALDANHA	V	
26	4AL21AG027	SAHANA M GOWDA	V	
27	4AL21AG028	SANTHOSH M	V	
28	4AL21AG029	SAWAN SHETTY	V	
29	4AL21AG030	SHREEHARSHA K S	V	
30	4AL21AG031	SNEHA M	V	
31	4AL21AG032	SUSHA S SHETTY	V	
32	4AL21AG033	SUTHEEJ	V	
33	4AL21AG034	TARUN K	V	
34	4AL21AG035	TEJASKUMAR	V	
35	4AL21AG036	USAMA MEHABOBSAB KOPPAL	V	

Total Strength: 35

Number of students Present: 30

Number of students absent: 05


Forum Co-ordinator


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IQAC Coordinator
Dept. of Electronics Communication
Alva's Institute of Engg. & Technology
Mijar, Moodubidri - 574225


PRINCIPAL
IQAC Chairperson
Alva's Institute of Engg. & Technology
Mijar, MOI - 574225



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Internal Quality Assurance Cell (IQAC)

Department of Agriculture Engineering

Guest Lecture

Topic: "Mechanization Status of Horticultural crops"

Date: 8-01-2024

Sl.No	USN	Student Name	Semester	Signature
1	4AL22AG001	AKSHATA GANGADHAR SUNKAD	III	
2	4AL22AG002	DEEPAK J	III	
3	4AL22AG003	DEEPIKA Y	III	
4	4AL22AG004	ESHA S	III	
5	4AL22AG005	GURUPRASAD N	III	
6	4AL22AG006	KASTURI C	III	
7	4AL22AG007	M B KRUPA	III	
8	4AL22AG008	N HARIYANTH KUMAR	III	
9	4AL22AG009	NAVEEN NAYAK	III	
10	4AL22AG010	NIHAR S ACHARYA	III	
11	4AL22AG011	NIKITHA	III	
12	4AL22AG012	NITHIN M SHETTY	III	
13	4AL22AG013	PRAJNA SHREE JAIN	III	
14	4AL22AG014	PRANJAL P POOJARY	III	
15	4AL22AG015	PRAPTHI N S	III	
16	4AL22AG016	PUNEETH	III	
17	4AL22AG017	RAJITH S SHETTY	III	
18	4AL22AG019	SAMANSH Y SUVARNA	III	



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19	4AL22AG020	SUMA M G	III	
20	4AL22AG021	THEJAS A V	III	
21	4AL22AG022	THRUPTHI S RAI	III	
22	4AL22AG023	VEERESH S METI	III	Absent
23	4AL22AG024	VISHWANATH D CHAVADANNAVAR	III	

Total Strength: 23

Number of students Present: 22

Number of students absent: 01

Forum Co-ordinator

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Alva's Institute of Engg. & Technology
Mijar, Moodubidri - 574225

IQAC Coordinator

I.Q.A.C
Dept. of Electronics Communication Engg.
Alva's Institute of Engg. & Technology
Mijar MOODBIDRI 574 225

IQAC Chairman

PRINCIPAL
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225, D.K.



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Internal Quality Assurance Cell (IQAC)

Department of Agricultural Engineering

Guest Lecture on 08-01-2024

Faculties' details - Agriculture Engg

Sl.	Faculty Name	Designation	Signature
1	Dr. Vinata M. Betagewi	Sr. Asst. Prof	
2	Dr. Shachin Kumar	Assoc. Prof	
3	Dr. Rahul Photale	Sr. Asst. Prof	
4	K. Raju Yadav	Sr. Asst. Prof	
5	Dr. SURAJIT DEB BARUA	Sr. Asst. Prof.	

Total No. of faculties participated - 05

Forum Coordinator

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Alva's Institute of Engg. & Technology
Mijar, Moodubidire - 574225

IQAC Coordinator

I.Q.A.C
Dept. of Electronics Communication Engg.
Alva's Institute of Engg. & Technology
Mijar MOODBIDRI 574225

Principal
Alva's Institute of Engg. & Technology
Mijar. MOODBIDRI - 574 225, D.K.

INTRODUCTION:

On the occasion of forum inaugural event of KRISHI-TECH we had a technical talk session on mechanization status of horticulture crops in India. Dr. Senthil Kumaran delivered this guest lecture with a wonderful interactive and informative session. We were mainly thought about the present status of mechanization, future trends of mechanization and the need of mechanization for a betterment of horticulture crop cultivation.

MECHANIZATION STATUS OF HORTICULTURE CROPS:

- The level of mechanization varies significantly across different regions of India, with states like Punjab and Haryana having higher adoption rates compared to hilly and remote areas.
- Organic farming practices often present unique challenges for mechanization, requiring specialized equipment and adapted techniques.
- The development of digital technologies like artificial intelligence and robotics holds promise for further advancements in horticulture mechanization.

Challenges:

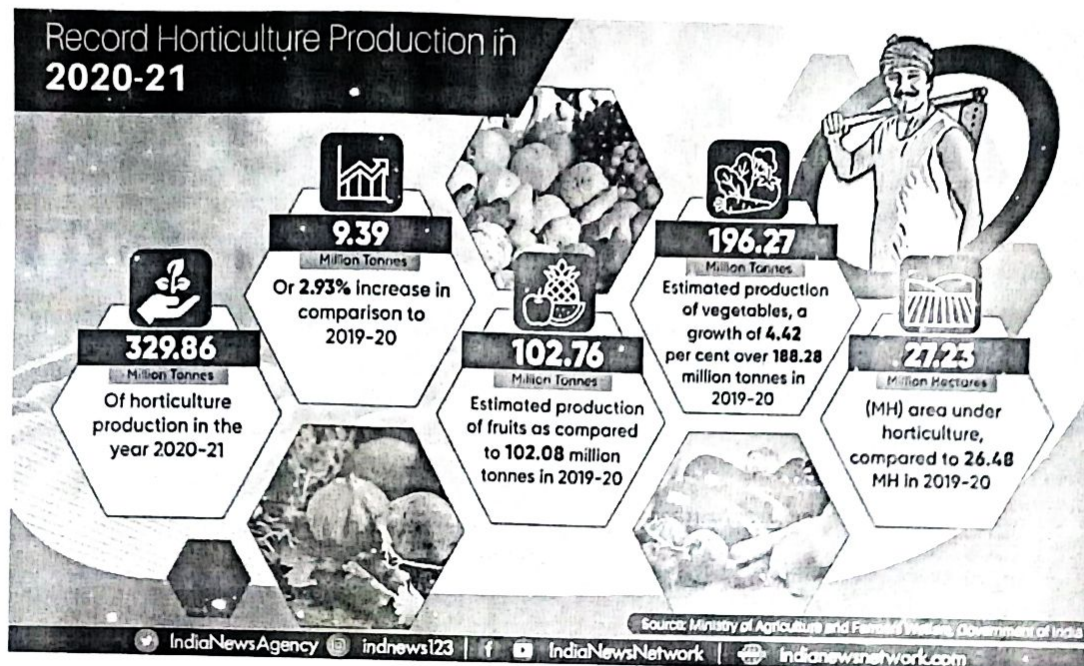
Low overall mechanization: Compared to field crops like rice and wheat, mechanization levels are much lower for most horticultural crops, especially in harvesting and post-harvest operations. This is due to factors like the fragile nature of fruits and vegetables, diverse crop types, and small landholdings.

High cost of machinery: Specialized machinery for horticulture can be expensive and unaffordable for small farmers, hindering widespread adoption. Additionally, limited availability and poor maintenance service networks pose further challenges.

Lack of awareness and skills: Many farmers lack knowledge about available machinery and the benefits of mechanization. Additionally, training and skill development programs need to be tailored to specific horticulture crops and regional needs.

HORTICULTURE PRODUCTION IN INDIA:

- India's horticulture sector is on a steep growth trajectory, emerging as a significant contributor to the nation's economy and food security.
- In 2022-23, India's total horticulture production is estimated to reach a record 351.92 million tonnes, marking a 1.37% increase over the previous year. This surpasses even food grain production, showcasing the sector's importance.



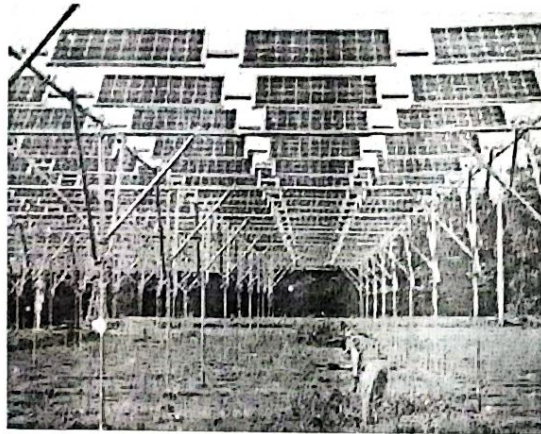
- The horticulture sector contributes about 33% to the Gross Value Added (GVA) of agriculture, highlighting its substantial economic contribution.
- It provides alternative rural employment opportunities, especially for women, diversifying farm activities and enhancing farm incomes.
- India is a major exporter of horticultural products, with exports earning valuable foreign exchange and boosting the economy

Total Horticulture	2020-21	2021-22	2022-2023 (First Estimation)
Area (In Million Hectares)	27.48	28.04	28.28
Production (In Million Tonnes)	334.60	347.18	350.87
Vegetables	200.45	209.14	212.53
Fruits	102.48	107.51	107.75
Onion	26.64	31.69	31.01
Potato	56.18	56.18	59.74

POWER SOURCE FOR HORTICULTURE CROPS:

1.Sunlight: The ultimate renewable resource, sunlight shines a spotlight on photosynthesis, the process by which plants convert light into sugars for growth. But beyond that, sunlight directly powers various equipment:

Solar panels: These gleaming panels can be harnessed to generate electricity for irrigation pumps, greenhouses, and other equipment, reducing reliance on fossil fuels.



Solar dryers: These ingenious contraptions utilize sunlight to dehydrate fruits and vegetables, extending their shelf life and minimizing post-harvest losses.

Solar heating: By capturing the sun's warmth, greenhouses and buildings can maintain optimal temperatures for plant growth, especially in cooler climates.

2. Wind: Another clean and abundant renewable, wind can be harnessed by:

Wind turbines: These towering structures can generate electricity for powering greenhouses, irrigation systems, and farm operations, providing a reliable source of clean energy.

Windmills: These traditional workhorses, often seen pumping water from wells, are still a valuable asset in remote areas where access to electricity is limited.

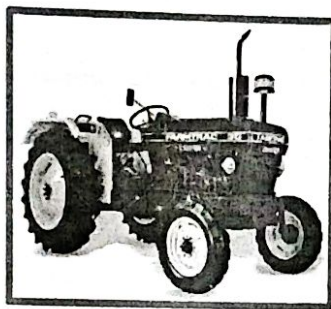
3. Water: The power of flowing water can be harnessed through hydropower, generating electricity in areas with abundant rivers or streams.

4. Biomass: Don't throw those crop residues or animal waste away! This organic material can be converted into valuable energy sources:

Biogas: This clean-burning fuel can be used for cooking, heating, and even generating electricity through biogas plants, promoting sustainability and reducing reliance on fossil fuels.

Biodiesel: A renewable alternative to traditional diesel, biodiesel can be produced from plant oils and used to power agricultural machinery, contributing to a greener farm operation.

5. Fossil fuels: While the shift towards cleaner energy is underway, conventional fuels like diesel and gasoline still play a role in powering many horticultural implements:



Tractors and agricultural machinery: These workhorses rely on diesel or gasoline to perform essential tasks like tillage, planting, harvesting, and more.

Generators: In areas without access to the grid, generators provide electricity for various purposes, though their use is being minimized as renewable energy options become more accessible.

6. Human and animal power: Let's not forget the original engines! Human and animal labor remain vital energy sources in many small-scale horticultural operations, particularly in developing countries. Their contribution, though often invisible, is a testament to the ingenuity and resilience of farmers around the world.

The Future of Horticulture Energy:

As horticulture strives for a sustainable future, the focus is on diversification and optimization:

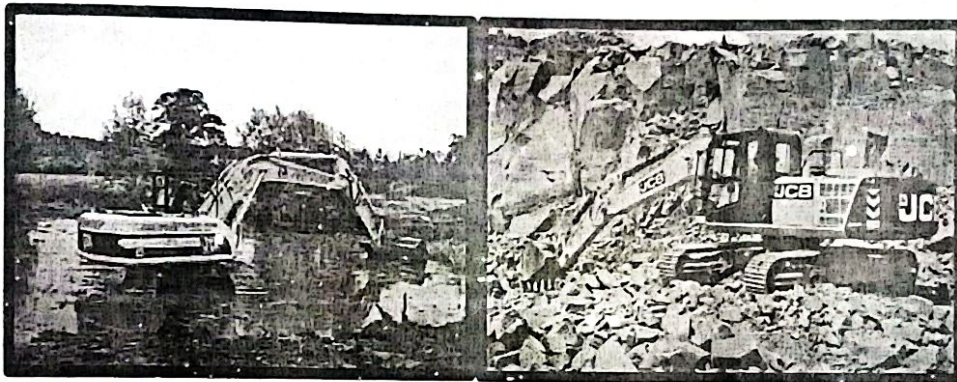
- ✓ Promoting renewable energy sources: Prioritizing solar, wind, and biogas can significantly reduce dependence on fossil fuels and their environmental impact.
- ✓ Developing energy-efficient technologies: From irrigation systems to lighting, advancements in technology can reduce energy consumption and optimize resource utilization.

- ✓ Leveraging smart grids and storage solutions: Managing energy fluctuations and ensuring consistent power supply are crucial aspects of a sustainable energy future for horticulture.

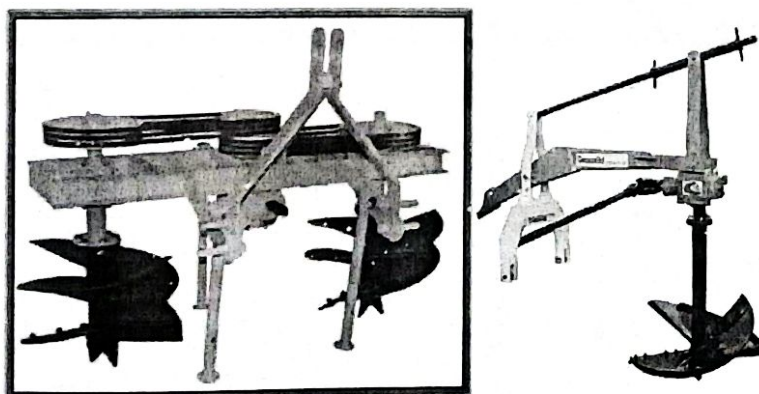
By embracing these advancements and harnessing the power of both nature and technology, horticulture can ensure thriving growth, minimize its environmental footprint, and contribute to a cleaner, greener future for generations to come.

DIFFERENT MACHINAERIES USED FOR VARIOUS AGRICULTURAL OPERATIONS ARE GIVEN BELOW:

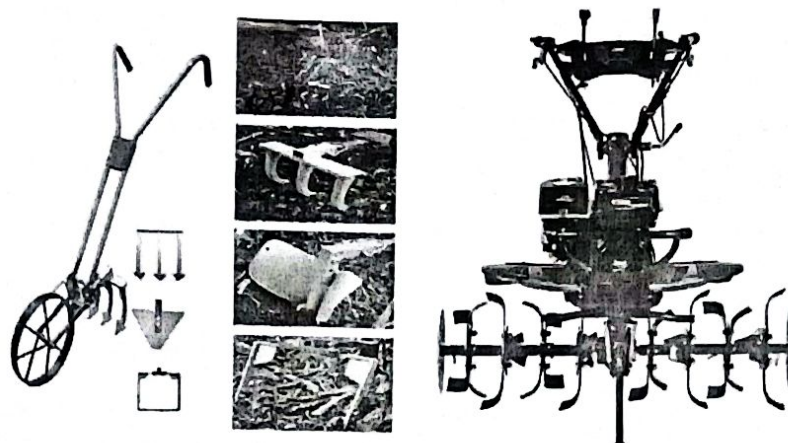
LAND DEVELOPMENT:



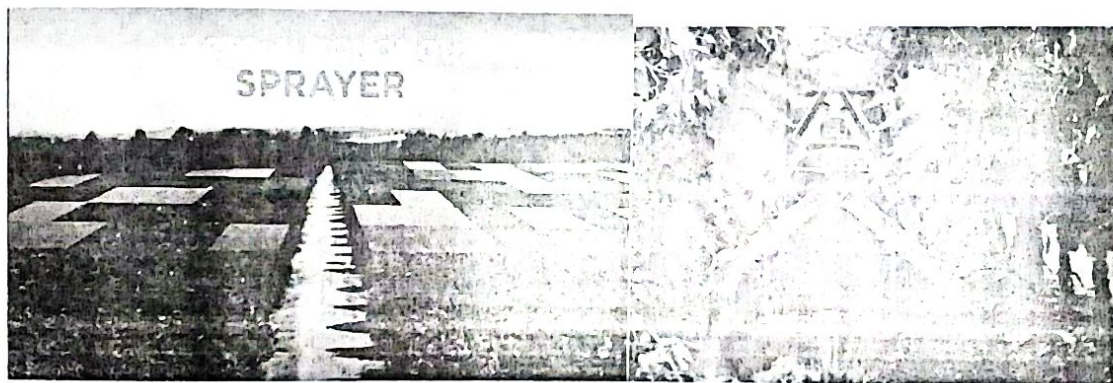
SOWING AND TRANSPLANTING:



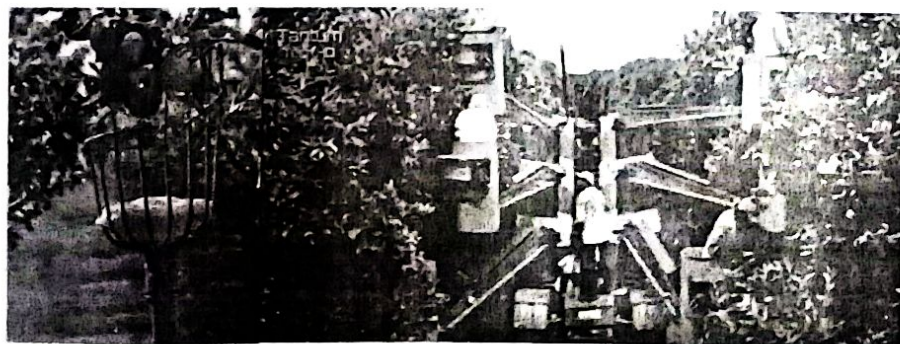
WEEDING:



SPRAYING:



HARVESTING:



MAJOR ENTREPRENEURSHIP OPPORTUNITIES:

- Service providing
 - Land preparation
 - Supply of inputs
 - Establishment of irrigation system
- Vegetable Seedling Production – Horticultural Nursery
- Custom hiring of machinery
- Construction of poly house with all systems
- Cultivation of cash crops like grapes, capsicum, spices etc.
- Mushroom spawn production and cultivation
- Flower cultivation
- Spices including saffron
- Fresh produce handling and vending
- Processing of fruits and vegetables
- Bulk processing and partner to big industry
- Export of fresh produce and processed produce



Photo 1: Inauguration of AGRI-TECH FORUM and Welcoming the Guest



Photo 2: Lighting the lamp with Guest Dr. Senthil Kumar

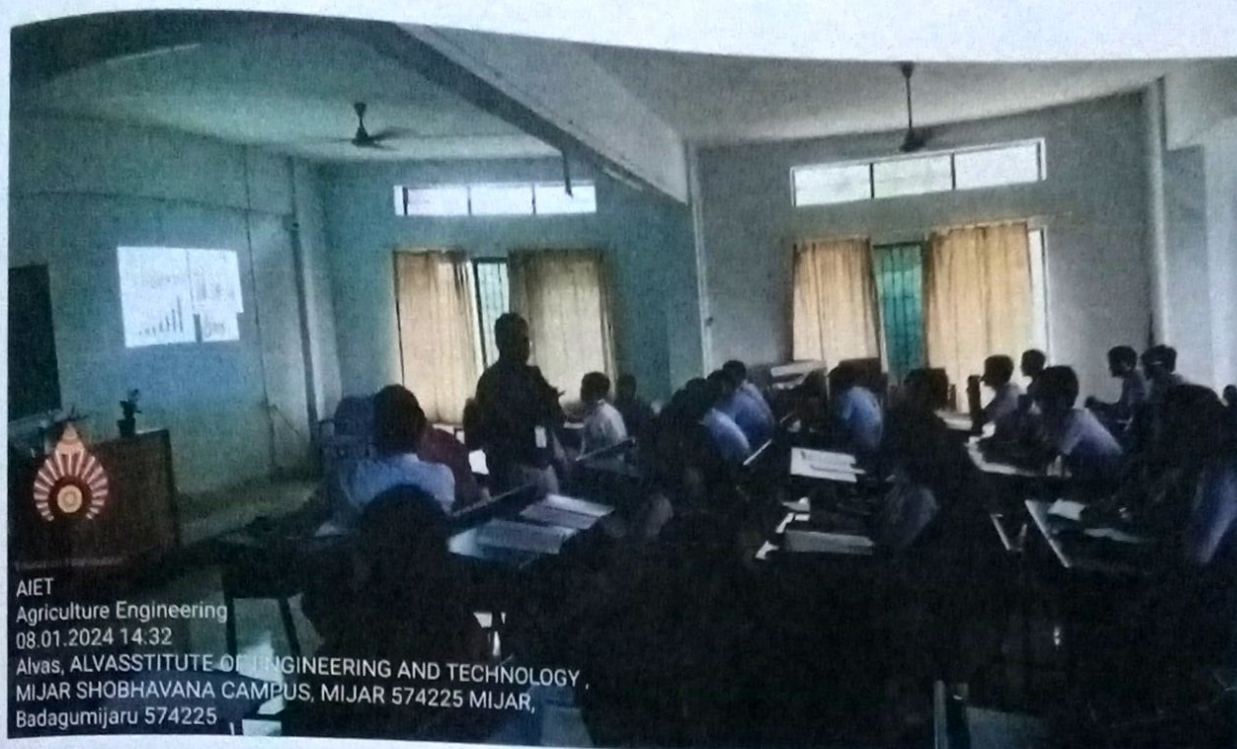


Photo 3: Dr. Senthil Kumar Delivering the Guest lecture



Photo 4: Dr. Senthil Kumar Delivering the Guest lecture



Photo 5: Dr. Senthil Kumar Delivering the Guest lecture



Photo 4: 3rd and 2nd year students of Department Agriculture Engineering with Dr. Senthil Kumar, HoD and other Faculty.



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Mob: 722262724, 7026262725, mail: principalaiet08@gmail.com

Department of Agriculture Engineering

Feedback Form - Guest Lecture

Name of the student: PRAPTHI N.S

Student USN: 4AL22AG015

Semester: Third

Date of Guest Lecture: 8-1-2024

Name of the Resource Person: Dr. G. Senthil Kumar.

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent - 5, Very Good - 4, Good - 4, Average - 2, Below Average - 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented		✓			
2.	The Guest Lecture was applicable to my future needs	✓				
3.	The Guest Lecture was enhanced your skills		✓			
4.	The program was well planned within the allotted time			✓		
5.	The resource person was a well experienced and knowledgeable in his profession	✓				
6.	The material was presented in an organized manner	✓				
7.	Would you interested in attending such Guest Lecture in future		✓			
8.	Any suggestions for improvement : We would like to have further interactions.					

Prapthi N.S
Signature of the student



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Shobhavana Campus, MIJAR-574225, Moodbidri, D.K., Karnataka Ph: 08258-262725;
Mob: 722262724, 7026262725, mail: principalaiet08@gmail.com

Department of Agriculture Engineering

Feedback Form - Guest Lecture

Name of the student: ESHA S

Student USN: 4A122AG004

Semester: III

Date of Guest Lecture: 08-01-2024

Name of the Resource Person: DR G. SENTHIL KUMAR

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent - 5, Very Good - 4, Good - 4, Average - 2, Below Average - 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented			✓		
2.	The Guest Lecture was applicable to my future needs		✓			
3.	The Guest Lecture was enhanced your skills		✓			
4.	The program was well planned within the allotted time		✓			
5.	The resource person was a well experienced and knowledgeable in his profession	✓				
6.	The material was presented in an organized manner		✓			
7.	Would you interested in attending such Guest Lecture in future	✓				
8.	Any suggestions for improvement: We would like to have further interactions.					

Esha

Signature of the student

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Department of Agriculture Engineering

Feedback Form – Guest Lecture

Name of the student: THEJAS A.V.

Student USN: 4AL22AG021

Semester: 3rd

Date of Guest Lecture: 8/1/2024

Name of the Resource Person: Dr. G. Senthil Kumar

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent – 5, Very Good – 4, Good – 4, Average – 2, Below Average – 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented			✓		
2.	The Guest Lecture was applicable to my future needs		✓			
3.	The Guest Lecture was enhanced your skills		✓			
4.	The program was well planned within the allotted time			✓		
5.	The resource person was a well experienced and knowledgeable in his profession	✓				
6.	The material was presented in an organized manner		✓			
7.	Would you interested in attending such Guest Lecture in future	✓				
8.	Any suggestions for improvement : We wish to have more such interactions.					

Signature of the student



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Department of Agriculture Engineering

Feedback Form - Guest Lecture

Name of the student: Deepak J

Student USN: 4AL22AG002

Semester: IIIrd

Date of Guest Lecture: 8/1/2024


Name of the Resource Person: Dr. G. Senthil Kumar

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent - 5, Very Good - 4, Good - 4, Average - 2, Below Average - 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented		✓			
2.	The Guest Lecture was applicable to my future needs	✓				
3.	The Guest Lecture was enhanced your skills		✓			
4.	The program was well planned within the allotted time			✓		
5.	The resource person was a well experienced and knowledgeable in his profession	✓				
6.	The material was presented in an organized manner	✓				
7.	Would you interested in attending such Guest Lecture in future	✓				
8.	Any suggestions for improvement : We can Organise Better Interaction guest lecture in future in effective way.					


Signature of the student



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Department of Agriculture Engineering

Feedback Form - Guest Lecture

Name of the student: Tejas kumar

Student USN: 4A121AG035

Semester: V

Date of Guest Lecture: 8/1/24

Name of the Resource Person: Dr. Senthil kumaran

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent - 5, Very Good - 4, Good - 4, Average - 2, Below Average - 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented	✓				
2.	The Guest Lecture was applicable to my future needs	✓				
3.	The Guest Lecture was enhanced your skills	✓				
4.	The program was well planned within the allotted time	✓				
5.	The resource person was a well experienced and knowledgeable in his profession	✓				
6.	The material was presented in an organized manner		✓			
7.	Would you interested in attending such Guest Lecture in future	✓				
8.	Any suggestions for improvement :					

Tejas kumar

Signature of the student



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Department of Agriculture Engineering

Feedback Form – Guest Lecture

Name of the student: KIRAN.V

Student USN: 4AL21AG018

Semester: 5th

Date of Guest Lecture: 8-1-24


Name of the Resource Person: Dr. Santhil Kumarah

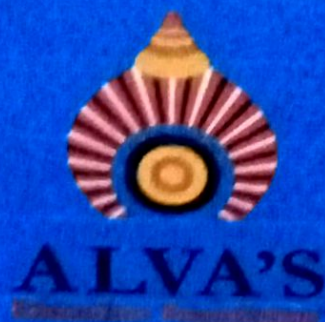
Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent – 5, Very Good – 4, Good – 4, Average – 2, Below Average – 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented	✓				
2.	The Guest Lecture was applicable to my future needs	✓				
3.	The Guest Lecture was enhanced your skills		✓			
4.	The program was well planned within the allotted time	✓				
5.	The resource person was a well experienced and knowledgeable in his profession	✓				
6.	The material was presented in an organized manner	✓				
7.	Would you interested in attending such Guest Lecture in future		✓			
8.	Any suggestions for improvement : Provide more time so that input will be more from the resource person.					


Signature of the student



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DEPARTMENT OF AGRICULTURE ENGINEERING

ACTIVITY REPORT 2023-24



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Index

Sl.	Company/ Organization Details	Contact person	Date	No. of students
01	ICAR- Central Plantation crops Research Institute, Kasaragod, Kerala	Dr. Vinayaka Hegde, Principal Scientist,	23-01-2024	51



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Date: 18-01-2024

From,
The Principal,
AIET, Moodbidri

To,
The Director,
ICAR- Central Plantation Crops Research Institute,
Kasaragod, Kerala

Respected Sir/ Madam,

Sub: Requesting to depute Dr. Vinayaka Hegde (Plant Pathology), Principal Scientist for delivering a Guest Lecture – Reg.

I am pleased to inform you that, the Alva's Institute of Engineering and Technology, Moodabidire is one of the premier institute in Dakshina Kannada District offering B.E (Agriculture Engineering) Programme, since 2021. In this context, I take the privilege to invite Principal Scientist, having the specialization in Plant Pathology as a resource person for a Guest Lecture to be organized by the Department of Agriculture Engineering on the topic "**Agrochemicals and Safety use of Pesticides in Plantation Crops**" is scheduled on **23-01-2024 at 3:30 PM to 5:00 PM** in our campus. I request you to kindly accept our invitation and depute the Principal Scientist to enlighten our students by sharing his valuable professional experience.

Looking forward for your acceptance.

With kind regards, thanking you

PRINCIPAL
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Alva's Institute of Engg. & Technology,
Mijar. MOODBIDRI - 574 225, D.K



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Department of Agriculture Engineering

To

Date -18-01-2024

IQAC Chairman

AIET, Mijar

Respected Sir

Sub: Requesting to permit the guest lecture -reg.

We are happy to inform you that Department of Agriculture Engineering organizing a guest lecture on 23-01-2024 in our campus. The details are mentioned below, kindly request you do the needful.

Resource person details

Name: Dr. Vinayaka Hegde

Designation: Principal Scientist (CPCRI)

Organization details: ICAR- Central Plantation crops Research Institute, Kasaragod, Kerala

Venue: Civil Seminar Hall

Date/month/year: 23-01-2024

Timings: 3:30 PM to 5:00 PM

Forum Coordinator

HOD

H.O.D.

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Department of Agriculture Engineering

AIET/AG/AY2023-24/02

Date: 18-01-2024

Circular


It is hereby informed to all the 3rd year (5th semester) and 2nd year (4th semester) Agriculture Engineering students to attend a guest lecture on “**Agrochemicals and Safety use of Pesticides in Plantation Crops**” organized by Department of Agriculture Engineering, AIET, Mijar. The resource person is **Dr. Vinayaka Hegde, Principal Scientist, ICAR-Central Plantation crops Research Institute, Kasaragod, Kerala**. In this regard, all the Agriculture Engineering students should attend the event.

Venue: Civil Seminar Hall

Date: 23-01-2024

Timings: 3:30 pm to 5:00 PM


Forum Coordinator


HOD

H.O.D.

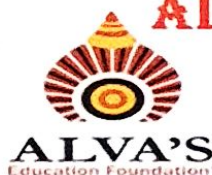
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Alva's Institute of Engg. & Technology
Mijar, Moodubidire - 574225


Principal
PRINCIPAL

Alva's Institute of Engg. & Technology,
Mijar. MOOBBIDRI - 574 225, D.K

Copy to:

Principal table



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

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DEPARTMENT OF AGRICULTURE ENGINEERING



Guest Lecture on

“Agrochemicals and safety use of pesticides in plantation crops”

Resource Person:-

Dr. Vinayaka Hegde

Head, Division of Crop Protection

ICAR-CPCRI, Kasaragod -671,124, Kerala, India



Venue: Civil Seminar Hall.

Date: 23/01/2024

Time: 3:30pm to 5pm



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Internal Quality Assurance Cell (IQAC)

Department of Agriculture Engineering

Guest Lecture

Topic: "Agrochemicals and Safety use of Pesticides in Plantation Crops"

Date: 23-01-2024

Sl.no	USN	Name Student	Semester	Signature
1	4AL21AG001	A BHOOMIKA REDDY	V	Bhoomika
2	4AL21AG002	ABHISHEK K S	V	Abhishek
3	4AL21AG003	AJITH MALI PATIL	V	
4	4AL21AG004	AMARNATH I	V	Absent
5	4AL21AG005	ANANYA K	V	
6	4AL21AG006	CHAITRA	V	
7	4AL21AG007	CHANDAN B M	V	Absent
8	4AL21AG009	CHETHAN P	V	
9	4AL21AG010	DEEPAK M S	V	Absent
10	4AL21AG011	DEEPAK R	V	Deepak
11	4AL21AG012	H P Y SACHIN	V	Sachin
12	4AL21AG013	HAFEEL NIYAZ	V	
13	4AL21AG014	JEEVAN KUMAR H N	V	
14	4AL21AG015	K A PREKSHA	V	Preksha
15	4AL21AG016	KEERTHAN ALVA	V	Absent
16	4AL21AG017	KEERTHANA M RAM	V	
17	4AL21AG018	KIRAN V	V	Kiran
18	4AL21AG019	MANASI ANILRAO PAPPALÉ	V	Manasi



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19	4AL21AG020	MANSOOR P E	V	
20	4AL21AG021	MONISHA S	V	
21	4AL21AG022	NAGASHREE N	V	
22	4AL21AG023	NAVYA K	V	
23	4AL21AG024	POORNACHANDRA	V	
24	4AL21AG025	PRANEETH	V	
25	4AL21AG026	REGAN AIDON SALDANHA	V	
26	4AL21AG027	SAHANA M GOWDA	V	
27	4AL21AG028	SANTHOSH M	V	
28	4AL21AG029	SAWAN SHETTY	V	
29	4AL21AG030	SHREEHARSHA K S	V	
30	4AL21AG031	SNEHA M	V	
31	4AL21AG032	SUSHA S SHETTY	V	
32	4AL21AG033	SUTHEEJ	V	
33	4AL21AG034	TARUN K	V	
34	4AL21AG035	TEJASKUMAR	V	
35	4AL21AG036	USAMA MEHABOBSAB KOPPAL	V	


Total Strength: 35

Number of students Present: 30

Number of students absent: 05


23-1-24
Forum Co-ordinator


HOD


IQAC Coordinator
I.Q.A.C


IQAC Chairman
PRINCIPAL

Dept. of Electronics Communication
Alva's Institute of Engg. & Technology
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Internal Quality Assurance Cell (IQAC)

Department of Agriculture Engineering

Guest Lecture

Topic: "Agrochemicals and Safety use of Pesticides in Plantation Crops"

Date: 23-01-2024

Sl.No	USN	Student Name	Semester	Signature
1	4AL22AG001	AKSHATA GANGADHAR SUNKAD	III	
2	4AL22AG002	DEEPAK J	III	
3	4AL22AG003	DEEPIKA Y	III	
4	4AL22AG004	ESHA S	III	
5	4AL22AG005	GURUPRASAD N	III	
6	4AL22AG006	KASTURI C	III	
7	4AL22AG007	M B KRUPA	III	
8	4AL22AG008	N HARIYANTH KUMAR	III	
9	4AL22AG009	NAVEEN NAYAK	III	
10	4AL22AG010	NIHAR S ACHARYA	III	
11	4AL22AG011	NIKITHA	III	
12	4AL22AG012	NITHIN M SHETTY	III	
13	4AL22AG013	PRAJNA SHREE JAIN	III	
14	4AL22AG014	PRANJAL P POOJARY	III	
15	4AL22AG015	PRAPTHI N S	III	
16	4AL22AG016	PUNEETH	III	
17	4AL22AG017	RAJITH S SHETTY	III	
18	4AL22AG019	SAMANSH Y SUVARNA	III	



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19	4AL22AG020	SUMA M G	III	
20	4AL22AG021	THEJAS A V	III	
21	4AL22AG022	THRUPTHI S RAI	III	
22	4AL22AG023	VEERESH S METI	III	Absent
23	4AL22AG024	VISHWANATH D CHAVADANNAVAR	III	

Total Strength: 23

Number of students Present: 21

Number of students absent: 02

Forum Co-ordinator

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IQAC
Dept. of Electronics Communication Engg.
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Internal Quality Assurance Cell (IQAC)

Department of Agricultural Engineering

Guest Lecture on 23-02-2024

Faculties' details -

Sl.	Faculty Name	Designation	Signature
1	Dr. Chashikumar	Assoc. Prof	Chashikumar
2	Dr. Vineta D. Betageni	Sr. Asst Prof.	Betageni
3	K. Raju Yadav	Sr. Asst Prof	Raju
4	Dr. SUPATIT DEBBARMA	Sr. Asst. Prof.	Debbarma

Total No. of faculties participated - 05

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IQAC Coordinator

I.Q.A.C
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Mijar MOODBIDRI 574 225

IQAC Chairman
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Department of Agricultural Engineering

Technical Talk Report on Agrochemicals and Safety use of Pesticides in Plantation Crops

Objectives

To know the role of agrochemicals to increase the yield of crops and efficient and safety use of pesticide in plantation crops in India

Outcome of the event

Dr. Vinayaka Hegde was started the technical session. He started the session starting from the basic concept of agrochemicals and effective use of pesticide in plantation crops explained and his detailed explanation is given below.

Agrochemicals commonly referred as crop protection chemicals/pesticides are substances manufactured through chemical or biochemical processes containing the active ingredient in a definite concentration designed to protect crops from insects, diseases and weeds and eventually reduce crop losses.

The enlisted Challenges faced by the farmers in Indian Agriculture are

- Constantly increasing population,
- Declining arable land,
- Small landholdings,
- high monsoon dependency and
- declining soil fertility

Why do we need agrochemicals?

- ☐ Pests and diseases on an average eat away around 20-25% of the total food produced.
- ☐ India is losing agricultural production worth INR 1.48 lakh crores annually due to damage from pests, weeds and plant diseases.

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- ☐ Overall food crops compete with around 30,000 species of weeds, 3,000 species of nematodes and 10,000 species of plant-eating insects.
- ☐ Agrochemical acts as key input for crop protection and better yield.

Agrochemicals Production in India

- India is the 4th largest producer of agrochemicals after United States, Japan and China.
- It is a net exporter of agrochemical and has emerged as the 13th largest exporter of pesticides globally.
- Indian Agrochemicals is about US\$ 5 billion exports contributing more than 50% share.

Agrochemicals types

Agrochemicals classified into

1. Insecticides
2. Fungicides
3. Herbicides
4. Biopesticides
5. Others - Fumigants, biostimulants, rodenticides

Plantation Crops in India

- Major Segment of Horticulture Crops : Coconut, Arecanut, Oil palm, Tea, Coffee, Rubber, Cashew, Cocoa
- Occupies less than 2 % of cultivated area but generate income of Rs. 16000 million or 12.7 % of total export earning of all commodities or 75 % of total earnings from export of agricultural produces.
- Leads in production of tea, cashew, arecanut, coconut

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- Provide direct and indirect employment and livelihood security to millions of people

Major Diseases of Coconut are

Bud rot

Basal stem rot

Root (wilt) disease

Stem Bleeding

Leaf blight

Major Pests of Coconut

Eriophyid mite

Rhinoceros beetle

Red palm weevil

Leaf eating caterpillar

White grub

Plant protection measures are elaborated below.

Basal Stem Rot (*Ganoderma lucidum*)

1st stage: Wilting of leaflets (Not prominent)

Yellowing of leaves of lowest whorl

Decay and death of fine roots

2nd stage: bleeding patches appear at the base of the stem –
extend upwards

Extensive root decay

No bunch formation

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3rd stage: bleeding patches extend in the stem

Leaves in the outer whorl droop

Heavy button shedding, barren nuts

4th stage: leaves in the outer whorl dry and droop

Other leaves also droop except spindle leaf and surrounding 2 or 3 young leaves

At the end of the talk students come to know the importance of precise application of various agrochemicals are being used by the farmers in India. They also come to know the impact of indiscriminate application of some of the pesticides to the plantation crops and the safety precautions to be taken by the farmers while applying them to the crop.



Photo 1: Welcoming the Guest

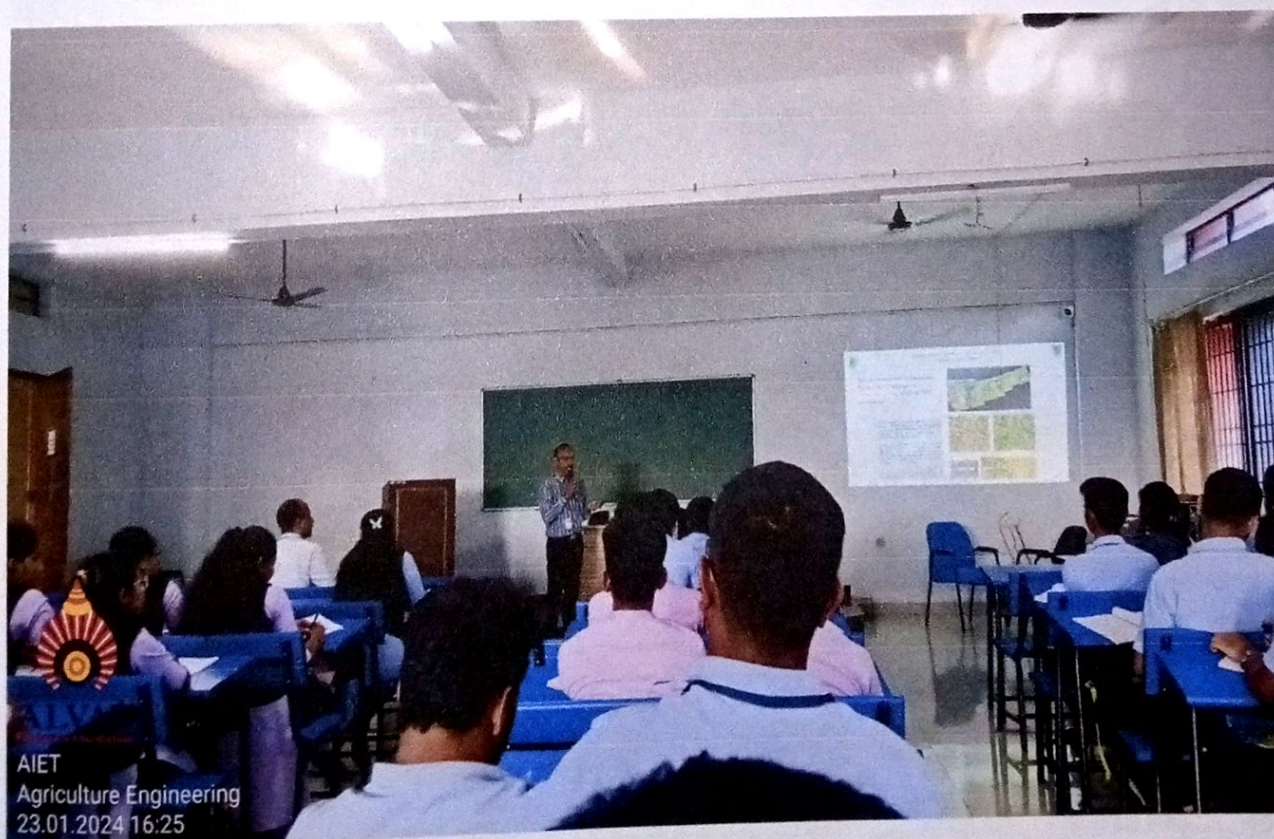


Photo 2: Dr. Vinayaka Hegde Delivering the Guest lecture

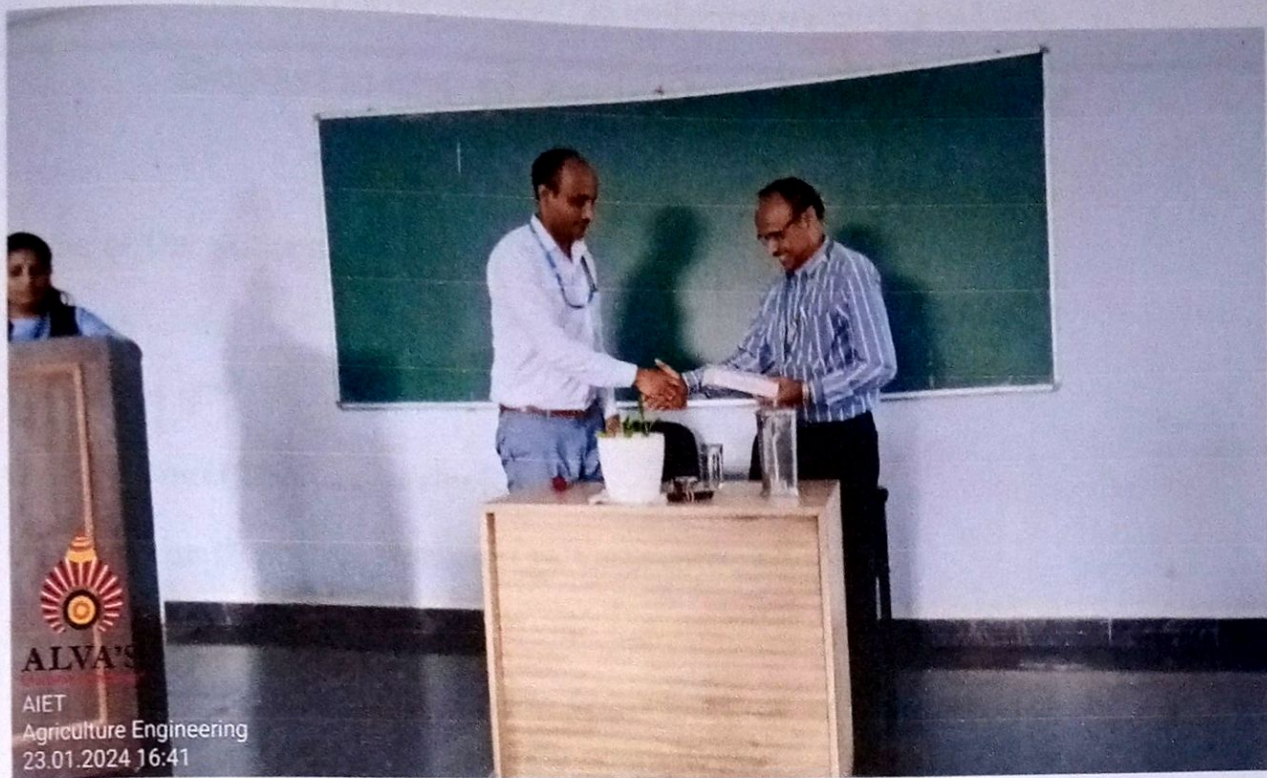


Photo 3: Dr. Shashikumar Thanking Dr. Vinayaka Hegde with Memento.



Photo 4: 3rd and 2nd year students of Department Agriculture Engineering with Dr. Vinayaka Hegde, HoD and other Faculty.

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Department of Agriculture Engineering

Feedback Form – Guest Lecture

Name of the student: Nikita

Student USN : 4-AL22AG1011

Semester: 3rd

Date of Guest Lecture: 23/01/2024

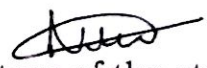
Name of the Resource Person: Dr. Vinayaka Hegde

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent – 5, Very Good – 4, Good – 4, Average – 2, Below Average – 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented	5				
2.	The Guest Lecture was applicable to my future needs		4			
3.	The Guest Lecture was enhanced your skills			3		
4.	The program was well planned within the allotted time		4			
5.	The resource person was a well experienced and knowledgeable in his profession	5				
6.	The material was presented in an organized manner		3			
7.	Would you interested in attending such Guest Lecture in future	5				
8.	Any suggestions for improvement : keep up with maintaining this					


Signature of the student



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Department of Agriculture Engineering

Feedback Form - Guest Lecture

Name of the student: Rajesh S. Shetty

Student USN : 4AL22AG017

Semester: III

Date of Guest Lecture: Dr. Vinayaka Hegde. 23/01/2024

Name of the Resource Person: Dr. Vinayaka Hegde

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent - 5, Very Good - 4, Good - 4, Average - 2, Below Average - 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented		✓			
2.	The Guest Lecture was applicable to my future needs			✓		
3.	The Guest Lecture was enhanced your skills		✓			
4.	The program was well planned within the allotted time			✓		
5.	The resource person was a well experienced and knowledgeable in his profession		✓			
6.	The material was presented in an organized manner			✓		
7.	Would you interested in attending such Guest Lecture in future		✓			
8.	Any suggestions for improvement :					

Rajesh S. Shetty
Signature of the student



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Department of Agriculture Engineering

Feedback Form - Guest Lecture

Name of the student: Samunesh

Student USN 4A222AG019

Semester: III

Date of Guest Lecture: 23/1/24

Name of the Resource Person: Dr. Vinayaka Nayde

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent - 5, Very Good - 4, Good - 4, Average - 2, Below Average - 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented		✓			
2.	The Guest Lecture was applicable to my future needs		✓			
3.	The Guest Lecture was enhanced your skills			✓		
4.	The program was well planned within the allotted time		✓			
5.	The resource person was a well experienced and knowledgeable in his profession	✓				
6.	The material was presented in an organized manner		✓			
7.	Would you interested in attending such Guest Lecture in future		✓			
8.	Any suggestions for improvement : <u>No</u>					

Samunesh
Signature of the student

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Department of Agriculture Engineering

Feedback Form – Guest Lecture

Name of the student: Vishwanath D.C

Student USN 4AL22AG024

Semester: 3rd

Date of Guest Lecture: ~~Dr. Vinayak Hegde~~ 23/01/24

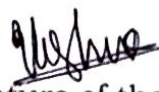
Name of the Resource Person: Dr. Vinayak Hegde

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent – 5, Very Good – 4, Good – 4, Average – 2, Below Average – 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented		✓			
2.	The Guest Lecture was applicable to my future needs	✓				
3.	The Guest Lecture was enhanced your skills		✓			
4.	The program was well planned within the allotted time					
5.	The resource person was a well experienced and knowledgeable in his profession	✓				
6.	The material was presented in an organized manner		✓			
7.	Would you interested in attending such Guest Lecture in future		✓			
8.	Any suggestions for improvement :					


Signature of the student

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Department of Agriculture Engineering

Feedback Form – Guest Lecture

Name of the student: *Shruthi. S. Rai*

Student USN *4AL22AG022*

Semester: *3rd*

Date of Guest Lecture: *23/01/24*

Name of the Resource Person: *Dr. Vinayaka Hegde*

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent – 5, Very Good – 4, Good – 4, Average – 2, Below Average – 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented	5				
2.	The Guest Lecture was applicable to my future needs		4			
3.	The Guest Lecture was enhanced your skills			3		
4.	The program was well planned within the allotted time		4			
5.	The resource person was a well experienced and knowledgeable in his profession	5				
6.	The material was presented in an organized manner			3		
7.	Would you interested in attending such Guest Lecture in future		4			
8.	Any suggestions for improvement : <i>Keep up with maintaining this.</i>					

[Signature]
Signature of the student



Department of Agriculture Engineering

Feedback Form – Guest Lecture

Name of the student: Deepak.M.S

Student USN 4AL21AG010

Semester: I

Date of Guest Lecture: 28/01/24

Name of the Resource Person: Dr. Vinayak Hegde.

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent – 5, Very Good – 4, Good – 4, Average – 2, Below Average – 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented	5				
2.	The Guest Lecture was applicable to my future needs	5				
3.	The Guest Lecture was enhanced your skills	5				
4.	The program was well planned within the allotted time	5				
5.	The resource person was a well experienced and knowledgeable in his profession	5				
6.	The material was presented in an organized manner	5				
7.	Would you interested in attending such Guest Lecture in future	5				
8.	Any suggestions for improvement : <u>no suggestions.</u>					

Deepak.M.S.
Signature of the student



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Department of Agriculture Engineering

Feedback Form - Guest Lecture

Name of the student: Swaha S Shetty

Student USN: HALQIAG032

Semester: 5th Sem.

Date of Guest Lecture: Dr. Venayak Hegde. [23/01/24]


Name of the Resource Person:

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent - 5, Very Good - 4, Good - 4, Average - 2, Below Average - 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented		<input checked="" type="checkbox"/>			
2.	The Guest Lecture was applicable to my future needs		<input checked="" type="checkbox"/>			
3.	The Guest Lecture was enhanced your skills	<input checked="" type="checkbox"/>				
4.	The program was well planned within the allotted time	<input checked="" type="checkbox"/>				
5.	The resource person was a well experienced and knowledgeable in his profession	<input checked="" type="checkbox"/>				
6.	The material was presented in an organized manner	<input checked="" type="checkbox"/>				
7.	Would you interested in attending such Guest Lecture in future	<input checked="" type="checkbox"/>				
8.	Any suggestions for improvement : good feedback sent					


Signature of the student

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Department of Agriculture Engineering

Feedback Form - Guest Lecture

Name of the student: NAGASHREE N

Student USN 4AL21AG022

Semester: V

Date of Guest Lecture: (23/01/24)

Name of the Resource Person: Dr. Vinayak Hegde

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent - 5, Very Good - 4, Good - 4, Average - 2, Below Average - 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented		✓			
2.	The Guest Lecture was applicable to my future needs	✓				
3.	The Guest Lecture was enhanced your skills			✓		
4.	The program was well planned within the allotted time	✓				
5.	The resource person was a well experienced and knowledgeable in his profession	✓				
6.	The material was presented in an organized manner		✓			
7.	Would you interested in attending such Guest Lecture in future	✓				
8.	Any suggestions for improvement : Repetitive topics					

Signature of the student



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Department of Agriculture Engineering

Feedback Form – Guest Lecture

Name of the student: Keerthana . M . Ram

Student USN UAL21A5017

Semester: Vth sem

Date of Guest Lecture: 23/01/24


Name of the Resource Person: Dr . v Prayak Hedge

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent – 5, Very Good – 4, Good – 4, Average – 2, Below Average – 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented		✓			
2.	The Guest Lecture was applicable to my future needs		✓			
3.	The Guest Lecture was enhanced your skills	✓				
4.	The program was well planned within the allotted time	✓				
5.	The resource person was a well experienced and knowledgeable in his profession		✓			
6.	The material was presented in an organized manner		✓			
7.	Would you interested in attending such Guest Lecture in future	✓				
8.	Any suggestions for improvement : Need's Improvement					


Signature of the student

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Department of Agriculture Engineering

Feedback Form – Guest Lecture

Name of the student: Deepak.R

Student USN 4AL21A4011

Semester: IV

Date of Guest Lecture: 23/01/24

Name of the Resource Person: Vinayak Hegde

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent – 5, Very Good – 4, Good – 4, Average – 2, Below Average – 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented		4			
2.	The Guest Lecture was applicable to my future needs		4			
3.	The Guest Lecture was enhanced your skills		4			
4.	The program was well planned within the allotted time	5				
5.	The resource person was a well experienced and knowledgeable in his profession	5				
6.	The material was presented in an organized manner	5				
7.	Would you interested in attending such Guest Lecture in future	5				
8.	Any suggestions for improvement :					

Deepak
Signature of the student



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Index

Sl.	Company/ Organisation Details	Contact person	Date	No. of students
01	Department of Horticulture, Mangalore, Dakshina Kannada, Kranataka	Mr. Praveen K., Senior Assistant Director of Horticulture,	31-05-2024	44



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Date: 27-05-2024

From,
The Principal,
AIET, Moodbidri

To,
The Director,
Department of Horticulture
Mnagalore, D. K, Karnataka

Respected Sir/ Madam,

Sub: Requesting to depute Mr. Praveen K., Senior Assistant Director of Horticulture,
Department of Horticulture, for delivering a Guest Lecture – Reg.

I am pleased to inform you that, the Alva's Institute of Engineering and Technology, Moodabidire is one of the premier institute in Dakshina Kannada District offering B.E (Agriculture Engineering) Programme, since 2021. In this context, I take the privilege to invite Principal Scientist, having the specialization in Plant Pathology as a resource person for a Guest Lecture to be organized by the Department of Agriculture Engineering on the topic **"Greenhouse cultivation and maintenance in Tropical Climate Region"** is scheduled on **31-05-2024 at 3:30 PM to 5:00 PM** in our campus. I request you to kindly accept our invitation and depute the Principal Scientist to enlighten our students by sharing his valuable professional experience.

Looking forward for your acceptance.

With kind regards, thanking you

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Department of Agriculture Engineering

To

Date: 27-05-2024

IQAC Chairman

AIET, Mijar

Respected Sir

Sub: Requesting to permit the guest lecture-reg.

We are happy to inform you that Department of Agriculture Engineering organizing guest lecture on 31-05-2024 in our campus. The details are mentioned below, kindly request you do the needful.

Resource person details

Name: Mr. Praveen. K


Designation: Senior Assistant Director of Horticulture

Organization details: Department of Horticulture, Mangalore, D.K.

Venue: Civil Seminar Hall

Date/month/year: 31-05-2024

Timings: 3:30PM to 5:00 PM


Forum- Coordinator


HOD

H.O.D.

Dept. of Agricultural Engineering
Alva's Institute of Engg. & Technology
Mijar, Moodubidire - 574225


PRINCIPAL

Alva's Institute of Engg. & Technology
Mijar, Moodubidire - 574225



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Department of Agriculture Engineering

AIET/AG/AY2023-24/03

Date: 27-05-2024

Circular

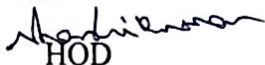
It is hereby informed to all the 3rd year (6th semester) and 2nd year (4th semester) Agriculture Engineering students to attend aguest lecture on **"Greenhouse cultivation and maintenance in Tropical Climate Region"** organized by Department of Agriculture Engineering, AIET, Mijar. The resource person is **Mr. Praveen K., Senior Assistant Director of Horticulture, Department of Horticulture, Mangalore, Dakshina Kannada, Kranataka.** In this regard, all the Agriculture Engineering students should attend the event.

Venue: Civil Seminar Hall

Date: 31-05-2024

Timings: 3:30 pm to 5:00 PM


For - Coordinator


HOD
H.O.D.

Dept. of Agricultural Engineering
Alva's Institute of Engg. & Technology
Mijar, Moodubidire - 574225


Principal
PRINCIPAL

Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225, D.K.

Copy to:

Principal table



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Internal Quality Assurance Cell (IQAC)

Department of Agriculture Engineering

Guest Lecture

Topic: "Greenhouse cultivation and maintenance in Tropical Climate Region"

Date: 31-05-2024

Sl.no	USN	Name Student	Semester	Signature
1	4AL21AG001	A BHOOMIKA REDDY	VI	Absent
2	4AL21AG002	ABHISHEK K S	VI	Absent
3	4AL21AG003	AJITH MALI PATIL	VI	P
4	4AL21AG004	AMARNATH I	VI	P
5	4AL21AG005	ANANYA K	VI	P
6	4AL21AG006	CHAITRA	VI	P
7	4AL21AG007	CHANDAN B M	VI	P
8	4AL21AG009	CHETHAN P	VI	Absent
9	4AL21AG010	DEEPAK M S	VI	Absent
10	4AL21AG011	DEEPAK R	VI	Deepak R
11	4AL21AG012	H P Y SACHIN	VI	HPY
12	4AL21AG013	HAHEEL NIYAZ	VI	Absent
13	4AL21AG014	JEEVAN KUMAR H N	VI	P
14	4AL21AG015	K A PREKSHA	VI	Prekhi
15	4AL21AG016	KEERTHAN ALVA	VI	Absent
16	4AL21AG017	KEERTHANA M RAM	VI	P
17	4AL21AG018	KIRAN V	VI	Absent
18	4AL21AG019	MANASI ANILRAO PAPPALÉ	VI	Absent



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19	4AL21AG020	MANSOOR P E	VI	
20	4AL21AG021	MONISHA S	VI	<i>[Signature]</i>
21	4AL21AG022	NAGASHREE N	VI	<i>[Signature]</i>
22	4AL21AG023	NAVYA K	VI	<i>[Signature]</i>
23	4AL21AG024	POORNACHANDRA	VI	Absent
24	4AL21AG025	PRANEETH	VI	<i>[Signature]</i>
25	4AL21AG026	REGAN AIDON SALDANHA	VI	Absent
26	4AL21AG027	SAHANA M GOWDA	VI	<i>[Signature]</i>
27	4AL21AG028	SANTHOSH M	VI	<i>[Signature]</i>
28	4AL21AG029	SAWAN SHETTY	VI	Absent
29	4AL21AG030	SHREEHARSHA K S	VI	<i>[Signature]</i>
30	4AL21AG031	SNEHA M	VI	<i>[Signature]</i>
31	4AL21AG032	SUSHA S SHETTY	VI	<i>[Signature]</i>
32	4AL21AG033	SUTHEEJ	VI	Absent
33	4AL21AG034	TARUN K	VI	<i>[Signature]</i>
34	4AL21AG035	TEJASKUMAR	VI	<i>[Signature]</i>
35	4AL21AG036	USAMA MEHABOOSAB KOPPAL	VI	<i>[Signature]</i>

Total Strength: 35

Number of students Present: 25

Number of students absent: 10

[Signature]
Forum Co-ordinator

[Signature]
HOD

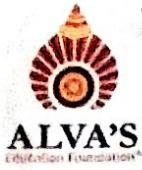
[Signature]
IQAC Coordinator
I.Q.A.C

[Signature]
IQAC Chairman
PRINCIPAL

Dept. of Agricultural Engineering
Alva's Institute of Engg. & Technology
Mijar, Moodbidri

Dept. of Electronics Communication
Alva's Institute of Engg. & Technology

Alva's Institute of Engg. & Technology
Mijar, MOODSIDRI - 574 225, D.K.



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Mob: 722262724, 7026262725, mail: principalaiet08@gmail.com

Internal Quality Assurance Cell (IQAC)

Department of Agriculture Engineering

Guest Lecture

Topic: "Greenhouse cultivation and maintenance in Tropical Climate Region"

Date: 31-05-2024

Sl.No	USN	Student Name	Semester	Signature
1	4AL22AG001	AKSHATA GANGADHAR SUNKAD	IV	Absent
2	4AL22AG002	DEEPAK J	IV	Deepak J
3	4AL22AG003	DEEPIKA Y	IV	Absent
4	4AL22AG004	ESHA S	IV	Esha S
5	4AL22AG005	GURUPRASAD N	IV	Guruprasad N
6	4AL22AG006	KASTURI C	IV	Kasturi C
7	4AL22AG007	M B KRUPA	IV	M B Krupa
8	4AL22AG008	N HARIYANTH KUMAR	IV	N Hariyanth Kumar
9	4AL22AG009	NAVEEN NAYAK	IV	Naveen Nayak
10	4AL22AG010	NIHAR S ACHARYA	IV	Nihar S Acharya
11	4AL22AG011	NIKITHA	IV	Nikitha
12	4AL22AG012	NITHIN M SHETTY	IV	Nithin M Shetty
13	4AL22AG013	PRAJNA SHREE JAIN	IV	Prajna Shree Jain
14	4AL22AG014	PRANJAL P POOJARY	IV	Pranjali P Poojary
15	4AL22AG015	PRAPTHI N S	IV	Prapthi N S
16	4AL22AG016	PUNEETH	IV	Puneeth
17	4AL22AG017	RAJITH S SHETTY	IV	Rajith S Shetty
18	4AL22AG019	SAMANSH Y SUVARNA	IV	Samansh Y Suvarna



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19	4AL22AG020	SUMA M G	IV	
20	4AL22AG021	THEJAS A V	IV	
21	4AL22AG022	THRUPTHI S RAI	IV	
22	4AL22AG023	VEERESH S METI	IV	
23	4AL22AG024	VISHWANATH D CHAVADANNAVAR	IV	

Total Strength: 23

Number of students Present: 19

Number of students absent: 04

Forum Co-ordinator

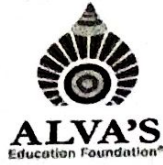
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Alva's Institute of Engg. & Technology
Mijar, Moodbidri - 574225

IQAC Coordinator

I.Q.A.C
Dept. of Electronics Communication
Alva's Institute of Engg. & Technology
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IQAC Chairman
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Internal Quality Assurance Cell (IQAC)

Department of Agricultural Engineering

Guest Lecture 00 31-05-2024

Faculties' details -

Sl.	Faculty Name	Designation	Signature
1	Dr. Vineta M. Befegari	Sr. Asst. Prof.	
2	Dr. Surajit Deb Barma	Sr. Asst. Prof.	
3	Dr. Rajeev Yadav	Sr. Asst. Prof.	
4	Dr. Rahul Phatak	Sr. Asst. Prof.	
5			

Total No. of faculties participated - 04

HOD
31/05/2024

IQAC Coordinator

IQA
Dept. of Electronics Communication
Alva's Institute of Engg. & Technology
MIJAR MOODBIDRI 574 225

IQAC Chairman
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Department of Agricultural Engineering

Technical Talk Report on "Greenhouse cultivation and maintenance in Tropical Climate Region"

Introduction

Greenhouse cultivation is a highly productive and efficient method of growing crops, particularly in tropical climate regions. A well-designed and well-maintained greenhouse can provide optimal growing conditions for a wide range of crops, including fruits, vegetables, and flowers. This report provides an overview of greenhouse cultivation and maintenance in tropical climate regions.

Advantages of Greenhouse Cultivation in Tropical Climate Regions

1. **Year-Round Production:** Greenhouses allow for year-round production of crops, regardless of the outside weather conditions.
2. **Climate Control:** Greenhouses provide a controlled climate, which is ideal for growing crops that are sensitive to extreme temperatures, humidity, and sunlight.
3. **Pest and Disease Control:** Greenhouses provide a closed environment, which reduces the risk of pests and diseases.
4. **Water Conservation:** Greenhouses use irrigation systems, which conserve water and reduce waste.

Greenhouse Design and Construction

1. **Frame and Covering:** The frame should be made of durable materials, such as steel or aluminum, and the covering should be made of transparent materials, such as glass or polyethylene.
2. **Ventilation and Cooling:** Adequate ventilation and cooling systems should be installed to maintain optimal temperatures and humidity levels.
3. **Irrigation and Drainage:** Efficient irrigation and drainage systems should be installed to conserve water and prevent waterlogged soil.



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Maintenance and Management

1. Temperature Control: Maintain optimal temperatures between 20-30°C during the day and 15-20°C at night.
2. Humidity Control: Maintain optimal humidity levels between 50-70%.
3. Irrigation and Fertilization: Irrigate and fertilize crops regularly, according to their specific needs.
4. Pest and Disease Management: Monitor crops regularly for pests and diseases, and take action promptly to prevent their spread.

Conclusion

Greenhouse cultivation is a highly productive and efficient method of growing crops in tropical climate regions. A well-designed and well-maintained greenhouse can provide optimal growing conditions for a wide range of crops. By following the guidelines outlined in this report, farmers and growers can successfully cultivate and maintain greenhouses in tropical climate regions.

Recommendations

1. Conduct thorough research: Before establishing a greenhouse, conduct thorough research on the specific needs of the crops to be grown.
2. Consult with experts: Consult with experts in greenhouse design, construction, and maintenance to ensure that the greenhouse is designed and constructed to meet the specific needs of the crops.
3. Regularly monitor and maintain: Regularly monitor and maintain the greenhouse to ensure optimal growing conditions and prevent pests and diseases.



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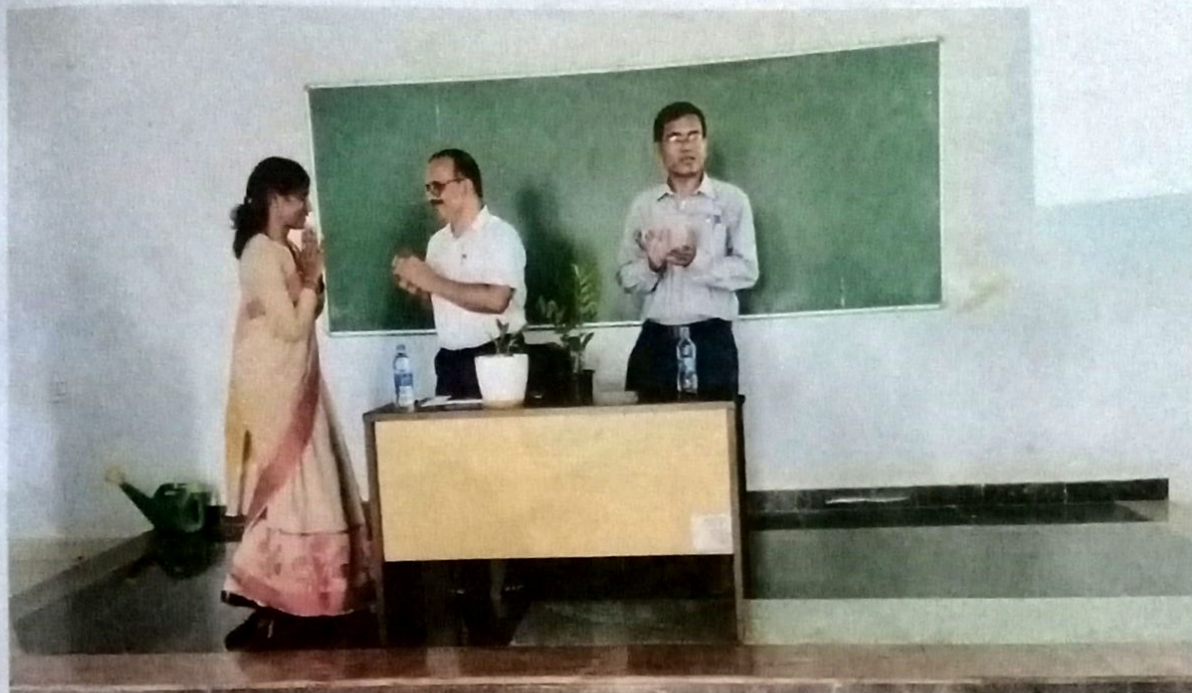


Photo 1: Welcoming the Guest



Photo 2: Mr. Praveen K Delivering the Guest lecture



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Photo 3: Mr. Praveen K Delivering the Guest lecture



Photo 3: Dr. Surajit Deb Burma thanking [redacted] with Memento.



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Photo 5: 3rd and 2nd year students of Department Agriculture Engineering with
HoD and other Faculty.



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Department of Agriculture Engineering

Feedback Form – Guest Lecture

Name of the student: **SANTHOSH.M**

Student USN: **KAL21AG028**

Semester: **V**

Date of Guest Lecture: **31/05/2024**

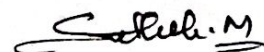
Name of the Resource Person: **Mr. Praveen. K.**

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent – 5, Very Good – 4, Good – 4, Average – 2, Below Average – 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented		✓			
2.	The Guest Lecture was applicable to my future needs		✓			
3.	The Guest Lecture was enhanced your skills		✓			
4.	The program was well planned within the allotted time	✓				
5.	The resource person was a well experienced and knowledgeable in his profession	✓				
6.	The material was presented in an organized manner	✓				
7.	Would you interested in attending such Guest Lecturer in future		✓			
8.	Any suggestions for improvement: Guest lecture was repeated 2nd time with the same topic					



Signature of the student



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Department of Agriculture Engineering

Feedback Form – Guest Lecture

Name of the student: *Vishwanath.D.L*

Student USN: *4ALZ2AG024*

Semester: *4th*

Date of Guest Lecture: *31/5/24*

Name of the Resource Person: *Praveen.K*

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent – 5, Very Good – 4, Good – 4, Average – 2, Below Average – 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented	✓				
2.	The Guest Lecture was applicable to my future needs	✓				
3.	The Guest Lecture was enhanced your skills		✓			
4.	The program was well planned within the allotted time	✓				
5.	The resource person was a well experienced and knowledgeable in his profession	✓				
6.	The material was presented in an organized manner		✓			
7.	Would you interested in attending such Guest Lecturer in future	✓				
8.	Any suggestions for improvement :					

Vishwanath
Signature of the student



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Department of Agriculture Engineering

Feedback Form – Guest Lecture

Name of the student: ESHA S

Student USN: 4AL22AG004

Semester: 4th

Date of Guest Lecture: 31/5/24

Name of the Resource Person: PRAVEEN. K

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent – 5, Very Good – 4, Good – 4, Average – 2, Below Average – 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented		✓			
2.	The Guest Lecture was applicable to my future needs	✓				
3.	The Guest Lecture was enhanced your skills	✓				
4.	The program was well planned within the allotted time		✓			
5.	The resource person was a well experienced and knowledgeable in his profession	✓				
6.	The material was presented in an organized manner	✓				
7.	Would you interested in attending such Guest Lecturer in future	✓				
8.	Any suggestions for improvement :					

Esha

Signature of the student



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Department of Agriculture Engineering

Feedback Form – Guest Lecture

Name of the student: *Guruprasad N*

Student USN: *4ALW2AG005*

Semester: *4th*

Date of Guest Lecture: *31/5/2024*

Name of the Resource Person: *Praveen K*

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent – 5, Very Good – 4, Good – 3, Average – 2, Below Average – 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented		✓			
2.	The Guest Lecture was applicable to my future needs		✓			
3.	The Guest Lecture was enhanced your skills			✓		
4.	The program was well planned within the allotted time			✓		
5.	The resource person was a well experienced and knowledgeable in his profession		✓			
6.	The material was presented in an organized manner			✓		
7.	Would you interested in attending such Guest Lecturer in future			✓		
8.	Any suggestions for improvement :					

Signature of the student



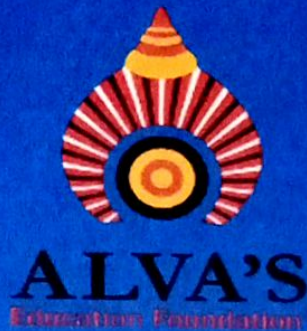
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DEPARTMENT OF AGRICULTURE ENGINEERING

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Index

Sl.	Company/ Details	Organisation	Contact person	Date	No. of students
01	Department of Processing and Food Engineering, CAE, UAS Bangalore, Karnataka		Dr. C. T Ramchandra, Associate Professor and Head	18-07-2024	51



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Date: 09-07-2024

From,
The Principal,
AIET, Moodbidri

To,
The Dean,
CAE, UAS Bangalore, Karnataka

Respected Sir/ Madam,

Sub: Requesting to depute Dr. C. T Ramchandra Associate Professor and Head,
Department of Processing and Food Engineering, CAE, UAS Bangalore, Karnataka, for
delivering a Guest Lecture – Reg.

I am pleased to inform you that, the Alva's Institute of Engineering and Technology, Moodabidire is one of the premier institute in Dakshina Kannada District offering B.E (Agriculture Engineering) Programme, since 2021. In this context, I take the privilege to invite Principal Scientist, having the specialization in Plant Pathology as a resource person for a Guest Lecture to be organized by the Department of Agriculture Engineering on the topic **"Entrepreneurship opportunities in food processing and value addition of cereals and millets"** is scheduled on **18-07-2024 at 9:30 AM to 10:30 AM** in our campus. I request you to kindly accept our invitation and depute the Principal Scientist to enlighten our students by sharing his valuable professional experience.

Looking forward for your acceptance.

With kind regards, thanking you


PRINCIPAL
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Department of Agriculture Engineering

To

Date: 09-07-2024

IQAC Chairman

AIET, Mijar

Respected Sir

Sub: Requesting to permit the guest lecture-reg.

We are happy to inform you that Department of Agriculture Engineering organizing guest lecture on 18-07-2024 in our campus. The details are mentioned below, kindly request you do the needful.

Resource person details

Name: **Dr. C. T Ramchandra**


Designation: **Associate Professor and Head,**

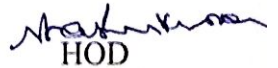
Organization details: **Department of Processing and Food Engineering, CAE, UAS Bangalore, Karnataka.**

Venue: Civil Seminar Hall

Date/month/year: 18-07-2024

Timings: 9:30 AM to 10:30 AM


9-7-24.
Forum Co-ordinator



HOD

H.O.D.

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Department of Agriculture Engineering

AIET/AG/AY2023-24/04

Date: 09-07-2024

Circular

It is hereby informed to all the 3rd year (6th semester) and 2nd year (4th semester) Agriculture Engineering students to attend a guest lecture on "Entrepreneurship opportunities in food processing and value addition of cereals and millets" organized by Department of Agriculture Engineering, AIET, Mijar. The resource person is **Dr. C. T Ramchandra** Associate Professor and Head, Department of Processing and Food Engineering, CAE, UAS Bangalore, Karnataka. In this regard, all the Agriculture Engineering students should attend the event.

Venue: Civil Seminar Hall

Date: 18-07-2024

Timings: 9:30 AM to 10:30 AM


HOD
H.O.D.

Dept. of Agricultural Engineering
Alva's Institute of Engg. & Technology
Mijar, Moodubidri - 574225
Copy to:

Principal table


Principal

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ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

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DEPARTMENT OF AGRICULTURE ENGINEERING



Guest Lecture on

"Entrepreneurship opportunities in food processing and value addition of cereals and millets"

Resource Person:-

Dr. C. T Ramachandra,
professor and head,
Department of processing and food engineering,
College of engineering, GKVK, Bangalore.

Forum Co-ordinator: Dr. Vinuta M Betageri

Sr. Asst. Prof., Dept. of Agri Engg.
AIET, Moodabidri

Venue: Agriculture Seminar Hall.

Date: 18/07/2024

Time: 09:30am to 11:30am





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Mob: 722262724, 7026262725, mail: principalaiet08@gmail.com

Internal Quality Assurance Cell (IQAC)

Department of Agriculture Engineering

Guest Lecture

Topic: "Entrepreneurship opportunities in food processing and value addition of cereals and millets"

Date: 18-07-2024

Sl.no	USN	Name Student	Semester	Signature
1	4AL21AG001	A BHOOMIKA REDDY	VI	Bhoomika
2	4AL21AG002	ABHISHEK K S	VI	Abhishek
3	4AL21AG003	AJITH MALI PATIL	VI	Ajith
4	4AL21AG004	AMARNATH I	VI	Amarnath
5	4AL21AG005	ANANYA K	VI	AnuK
6	4AL21AG006	CHAITRA	VI	Absent
7	4AL21AG007	CHANDAN B M	VI	Chandan B M
8	4AL21AG009	CHETHAN P	VI	Chethan P
9	4AL21AG010	DEEPAK M S	VI	Deepak M S
10	4AL21AG011	DEEPAK R	VI	Deepak R
11	4AL21AG012	H P Y SACHIN	VI	HPY Sachin
12	4AL21AG013	HAHEEL NIYAZ	VI	Haheel Niyaz
13	4AL21AG014	JEEVAN KUMAR H N	VI	Jeevan Kumar H N
14	4AL21AG015	K A PREKSHA	VI	Preksha
15	4AL21AG016	KEERTHAN ALVA	VI	Keerthan Alva
16	4AL21AG017	KEERTHANA M RAM	VI	Keerthana M Ram
17	4AL21AG018	KIRAN V	VI	Kiran V
18	4AL21AG019	MANASI ANILRAO PAPPALÉ	VI	Manasi Anilrao Pappale



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19	4AL21AG020	MANSOOR P E	VI	
20	4AL21AG021	MONISHA S	VI	Absent
21	4AL21AG022	NAGASHREE N	VI	
22	4AL21AG023	NAVYA K	VI	
23	4AL21AG024	POORNACHANDRA	VI	
24	4AL21AG025	PRANEETH	VI	
25	4AL21AG026	REGAN AIDON SALDANHA	VI	Absent
26	4AL21AG027	SAHANA M GOWDA	VI	Absent
27	4AL21AG028	SANTHOSH M	VI	
28	4AL21AG029	SAWAN SHETTY	VI	
29	4AL21AG030	SHREEHARSHA K S	VI	
30	4AL21AG031	SNEHA M	VI	
31	4AL21AG032	SUSHA S SHETTY	VI	
32	4AL21AG033	SUTHEEJ	VI	
33	4AL21AG034	TARUN K	VI	
34	4AL21AG035	TEJASKUMAR	VI	
35	4AL21AG036	USAMA MEHABOBSAB KOPPAL	VI	

Total Strength: 35

Number of students Present: 31

Number of students absent: 04

Forum Co-ordinator

Dept. of Agricultural Engineering
Alva's Institute of Engg. & Technology
Mijar, Moodubidri - 574225

I.Q.A.C. Coordinator
Dept. of Electronics Communication
Alva's Institute of Engg. & Technology
Mijar MOODBIDRI 574 226

I.Q.A.C. Chairman
PRINCIPAL
Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K.



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Internal Quality Assurance Cell (IQAC)

Department of Agriculture Engineering

Guest Lecture

Topic: "Entrepreneurship opportunities in food processing and value addition of cereals and millets"

Date: 18-07-2024

Sl.No	USN	Student Name	Semester	Signature
1	4AL22AG001	AKSHATA GANGADHAR SUNKAD	IV	
2	4AL22AG002	DEEPAK J	IV	
3	4AL22AG003	DEEPIKA Y	IV	
4	4AL22AG004	ESHA S	IV	
5	4AL22AG005	GURUPRASAD N	IV	
6	4AL22AG006	KASTURI C	IV	
7	4AL22AG007	M B KRUPA	IV	
8	4AL22AG008	N HARIYANTH KUMAR	IV	Absent
9	4AL22AG009	NAVEEN NAYAK	IV	
10	4AL22AG010	NIHAR S ACHARYA	IV	
11	4AL22AG011	NIKITHA	IV	Absent
12	4AL22AG012	NITHIN M SHETTY	IV	
13	4AL22AG013	PRAJNA SHREE JAIN	IV	
14	4AL22AG014	PRANJAL P POOJARY	IV	
15	4AL22AG015	PRAPTHI N S	IV	
16	4AL22AG016	PUNEETH	IV	
17	4AL22AG017	RAJITH S SHETTY	IV	
18	4AL22AG019	SAMANSH Y SUVARNA	IV	Absent



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19	4AL22AG020	SUMA M G	IV	
20	4AL22AG021	THEJAS A V	IV	
21	4AL22AG022	THRUPTHI S RAI	IV	
22	4AL22AG023	VEERESH S METI	IV	
23	4AL22AG024	VISHWANATH D CHAVADANNAVAR	IV	

Total Strength: 23

Number of students Present: 20

Number of students absent: 03


18-7-2024
Forum Co-ordinator


HOD.D.
Dept. of Agricultural Engineering
Alva's Institute of Engg. & Technology
MIJAR - 574 225


IQAC Coordinator

I.Q.A.C
Dept. of Electronics Communication
Alva's Institute of Engg. & Technology
MIJAR MOODBIDRI 574 225


IQAC Chairman
PRINCIPAL
Alva's Institute of Engg. & Technology,
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Internal Quality Assurance Cell (IQAC)

Department of Agriculture Engineering

Guest Lecture

Topic: "Entrepreneurship opportunities in food processing and value addition of cereals and millets"

Date: 18-07-2024

Sl.No	Faculty Name	Designation	Signature
1	Dr. Vineta M. Betageri	Gr Asst. Prof	
2	Dr. SURAJIT DEB ISHARA	Gr. Asst. Prof.	
3.	Dr. Rahul Phatak	Sr. Asst Prof.	

Forum Co-ordinator

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Alva's Institute of Engg. & Technology
Mijar, Moodubidire - 574225

IQAC Coordinator
— IQAC
Dept. of Electronics Communication
Alva's Institute of Engg. & Technology
Mijar MOODBIDRI 574 225

IQAC Chairman
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Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225, D.K.



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Department of Agricultural Engineering

Technical Talk Report on "Greenhouse cultivation and maintenance in Tropical Climate Region"

Introduction

Greenhouse cultivation is a highly productive and efficient method of growing crops, particularly in tropical climate regions. A well-designed and well-maintained greenhouse can provide optimal growing conditions for a wide range of crops, including fruits, vegetables, and flowers. This technical talk report provides an overview of greenhouse cultivation and maintenance in tropical climate regions.

Advantages of Greenhouse Cultivation

Greenhouse cultivation offers several advantages in tropical climate regions, including:

1. Year-Round Production: Greenhouses allow for year-round production of crops, regardless of the outside weather conditions.
2. Climate Control: Greenhouses provide a controlled climate, which is ideal for growing crops that are sensitive to extreme temperatures, humidity, and sunlight.
3. Pest and Disease Control: Greenhouses provide a closed environment, which reduces the risk of pests and diseases.
4. Water Conservation: Greenhouses use irrigation systems, which conserve water and reduce waste.

Greenhouse Design and Construction

A well-designed and well-constructed greenhouse is essential for optimal crop growth and productivity. The following are some key considerations for greenhouse design and construction:

1. Frame and Covering: The frame should be made of durable materials, such as steel or aluminum, and the covering should be made of transparent materials, such as glass or polyethylene.



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Ph: 08258-262725;

2. Ventilation and Cooling: Adequate ventilation and cooling systems should be installed to maintain optimal temperatures and humidity levels.
3. Irrigation and Drainage: Efficient irrigation and drainage systems should be installed to conserve water and prevent waterlogged soil.

Maintenance and Management:

Regular maintenance and management are essential for optimal crop growth and productivity in greenhouses. The following are some key considerations for maintenance and management:

1. Temperature Control: Maintain optimal temperatures between 20-30°C during the day and 15-20°C at night.
2. Humidity Control: Maintain optimal humidity levels between 50-70%.
3. Irrigation and Fertilization: Irrigate and fertilize crops regularly, according to their specific needs.
4. Pest and Disease Management: Monitor crops regularly for pests and diseases, and take action promptly to prevent their spread.

Challenges and Opportunities

Greenhouse cultivation in tropical climate regions faces several challenges, including:

1. High Temperatures: High temperatures can be a major challenge for greenhouse cultivation in tropical climate regions.
2. High Humidity: High humidity can lead to the spread of diseases and pests.
3. Limited Resources: Limited resources, such as water and energy, can be a major challenge for greenhouse cultivation.



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Despite these challenges, there are several opportunities for greenhouse cultivation in tropical climate regions, including:

1. **Increased Crop Yields:** Greenhouse cultivation can increase crop yields and improve crop quality.
2. **Year-Round Production:** Greenhouse cultivation allows for year-round production of crops, regardless of the outside weather conditions.
3. **Job Creation:** Greenhouse cultivation can create jobs and stimulate local economies.

Conclusion and Recommendations

In conclusion, greenhouse cultivation is a highly productive and efficient method of growing crops in tropical climate regions. A well-designed and well-maintained greenhouse can provide optimal growing conditions for a wide range of crops. To overcome the challenges faced by greenhouse cultivation in tropical climate regions, we recommend the following:

1. **Conduct thorough research:** Conduct thorough research on the specific needs of the crops to be grown.
2. **Consult with experts:** Consult with experts in greenhouse design, construction, and maintenance.
3. **Regularly monitor and maintain:** Regularly monitor and maintain the greenhouse to ensure optimal growing conditions and prevent pests and diseases.



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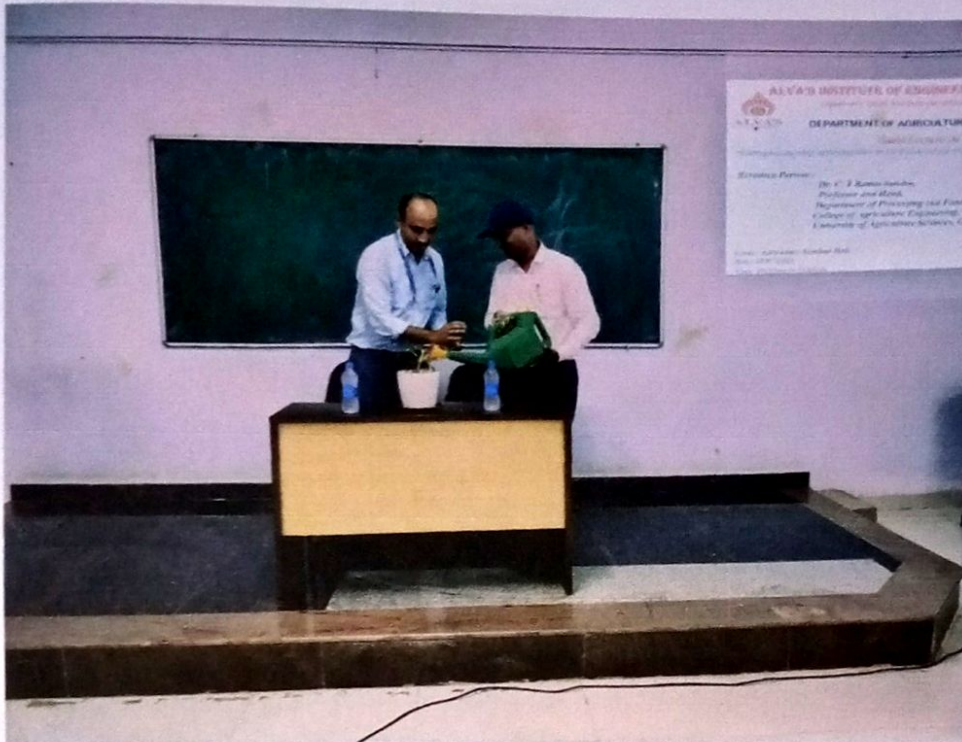


Photo 1: Welcoming the Guest

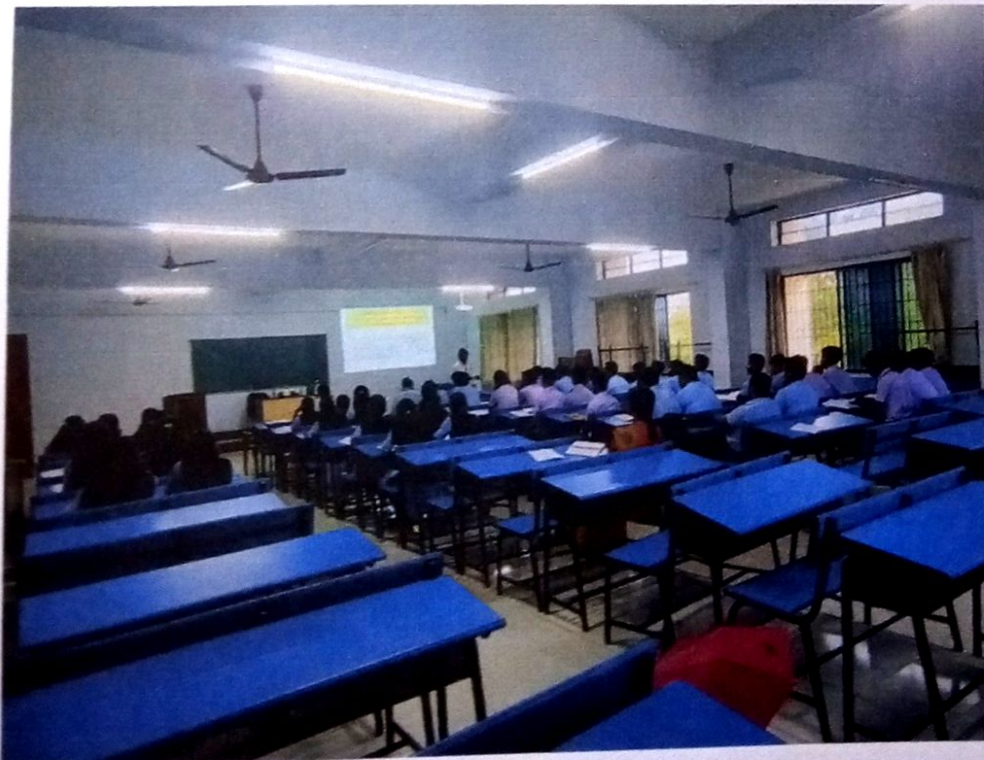


Photo 2: Dr. C. T Ramachandrappa Delivering the Guest lecture



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Photo 3: Thanking Dr. C. T Ramachandrappa with Memento.



Photo 4: 3rd and 2nd year students of Department Agriculture Engineering with Dr. C. T Ramachandrappa and Faculty.



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Department of Agriculture Engineering

Feedback Form - Guest Lecture

Name of the student: **SANTHOSH . M**

Student USN: **HAL21AG028**

Semester: **VI**

Date of Guest Lecture: **18/07/2024**

Name of the Resource Person: **Dr. C. S. Ramachandra.**

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent - 5, Very Good - 4, Good - 4, Average - 2, Below Average - 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented					
2.	The Guest Lecture was applicable to my future needs		✓			
3.	The Guest Lecture was enhanced your skills		✓			
4.	The program was well planned within the allotted time		✓			
5.	The resource person was a well experienced and knowledgeable in his profession	✓				
6.	The material was presented in an organized manner	✓				
7.	Would you interested in attending such Guest Lecturer in future	✓				
8.	Any suggestions for improvement :					

Signature of the student



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Department of Agriculture Engineering Feedback Form – Guest Lecture

Name of the student: *Prapthi R*

Student USN: *UFL22A6002*

Semester: *4th*

Date of Guest Lecture: *13/5/2024*

Name of the Resource Person: *Dr. C. T. Ramachandra*

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent – 5, Very Good – 4, Good – 3, Average – 2, Below Average – 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented		✓			
2.	The Guest Lecture was applicable to my future needs	✓				
3.	The Guest Lecture was enhanced your skills		✓			
4.	The program was well planned within the allotted time		✓			
5.	The resource person was a well experienced and knowledgeable in his profession	✓				
6.	The material was presented in an organized manner		✓			
7.	The material was presented in an organized manner			✓		
7.	Would you interested in attending such Guest Lecturer in future					
8.	Any suggestions for improvement :					

[Signature]
Signature of the student

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Department of Agriculture Engineering

Feedback Form – Guest Lecture

Name of the student: **M B Krupa**

Student USN: **HA122A6007**

Semester: **4th**

Date of Guest Lecture: **13/5/24**


Name of the Resource Person: **Dr. C.T. Ramachandra**

Directions:

For each item please indicate your level of satisfaction by ticking the following statement by choosing a score between 1 and 5.

[Excellent – 5, Very Good – 4, Good – 3, Average – 2, Below Average – 1]

Sl. No.	Statement	5	4	3	2	1
1.	The Guest Lecture was technology oriented		<input checked="" type="checkbox"/>			
2.	The Guest Lecture was applicable to my future needs		<input checked="" type="checkbox"/>			
3.	The Guest Lecture was enhanced your skills	<input checked="" type="checkbox"/>				
4.	The program was well planned within the allotted time		<input checked="" type="checkbox"/>			
5.	The resource person was a well experienced and knowledgeable in his profession			<input checked="" type="checkbox"/>		
6.	The material was presented in an organized manner		<input checked="" type="checkbox"/>			
7.	Would you interested in attending such Guest Lecturer in future		<input checked="" type="checkbox"/>			
8.	Any suggestions for improvement :					


Signature of the student



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Ph: 08258-262725; Mob:722262724,7026262725,mail:principalaiet08@gmail.com

Department of Artificial Intelligence and Machine Learning

Ref No : AIET/AIML/PLACEMENT/2023-24/007

Date: 04-06-2024

CIRCULAR

All the Third Year Students are hereby informed to attend the Placement training session of 80hours on every Friday and Saturday from 14/6/24 from 9.00AM to 5.00PM.

Everyone's presence and Co-operation in this regard is highly expected.

CC to:

203

Notice Board


HOD-AIML



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Ph: 08258-262725; Mob: 722262724, 7026262725, mail: principalaiet08@gmail.com

Department of Artificial Intelligence and Machine Learning

Department of AIML organised an 80hour placement training session on Data Science for our 3rd year students. The training was given by **MS. ASWATHI SASIDHARAN** from Acharya4Life from Bangalore.

About Acharya4Life:

Acharya4Life (pronounced - "Aah Chaar Yaa For Life") is a learning ecosystem tailored to fulfil the dreams of an individual (the Sishya or the student). Our Mission is "To Provide every individual with the environment and the opportunity to constantly learn and upgrade their knowledge".

Our Mantras

- **Choose:** Select the discipline you want to acquire or upgrade your knowledge in
- **Connect:** Find the right Acharya to share your ambitions and dreams
- **Collaborate:** Learn from your Acharyas
- **Cultivate:** Apply the newly acquired knowledge to your life
- **Celebrate:** Acknowledge your success by giving your newly acquired knowledge back to the society.

Topics covered during the training session is as mentioned follows:

Date	Topics covered	Trainer Name
14-06-24	Introduction to python, Looping and control statements, Modules and Packages, Python Libraries- Numpy	MS. ASWATHI SASIDHARAN
15-06-24	Numpy, Pandas, Visualization of data : matplotlib, seaborn, Tasks on the topics	
28-06-24	Applied Statistics ,Basic Statistics, Descriptive Statistics	
29-06-24	Probability and Distribution , Hypothesis Testing and Tasks on the topic	
04-07-24	Introduction to Machine Learning, Linear Regression, Logistic Regression	
05-07-24	Naïve Bayes , KNN, SVM, Decision Tree, Random Forests	
12-07-24	Ensemble Techniques, Bagging, Boosting ,Adaboosting, Stacking, Case study	
13-07-24	Continuation of Case Study, Unsupervised Learning : Clustering , K-Means Clustering, Principal Component Analysis(PCA),	
19-07-24	Recommendation Systems Popularity based model SVD, Neural Network	
20-07-24	Neural networks Activation Functions, Feedforward neural networks, Back Propagation, CNN Natural Language Processing(NLP) ,Introduction to statistical NLP techniques	



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Ph: 08258-262725; Mob:722262724,7026262725,mail:principalaiet08@gmail.com

Department of Artificial Intelligence and Machine Learning





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Ph: 08258-262725; Mob: 722262724, 7026262725, mail: principalaict08@gmail.com

Department of Artificial Intelligence and Machine Learning



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Ph: 08258-262725; Mob:722262724,7026262725,mail:principalaiet08@gmail.com

Department of Artificial Intelligence and Machine Learning

Attendance Sheet of Student Training Program – Acharya4Life

49	4AL21AI049	SRUJAN E S	
50	4AL21AI050	SUHAS S	
51	4AL21AI051	SUMANTH N	
52	4AL21AI052	SUSHILA KHANDAPPA N	
53	4AL21AI053	SYED TASLEEM AHMED	
54	4AL21AI054	TARUN M	
55	4AL21AI055	TELI ABHISHEK ASHOK	
56	4AL21AI056	UDAY KIRAN	
57	4AL21AI057	V J J ISON	
58	4AL21AI058	VANDITHA T C	
59	4AL21AI059	VARSHINI M N	
60	4AL21AI060	VISHAL DSOUZA	
61	4AL21AI061	Y JAYA PRAKASH YADAV	
62	4AL21AI062	YASHWANTH R	
63	4AL21AI063	SHALINI	
64	4AL22AI400	AJAY K A	
65	4AL22AI401	VIDYALAXMI	
66	4AL22AI402	PRAMOD S L	
67	4AL20AI044	SIDDHARTH	

Faculty Co-ordinator

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Department of Artificial Intelligence and Machine Learning
Attendance Sheet of Student Training Program – Acharya4Life

24	4AL21AI024	MOHAMMED ZAAFEER
25	4AL21AI025	NIKHITHA H R
26	4AL21AI026	NITHEESH
27	4AL21AI027	NITHIN
28	4AL21AI028	NITHIN M
29	4AL21AI029	PAVAN PANI
30	4AL21AI030	POOJA H
31	4AL21AI031	PRAJWAL RAO
32	4AL21AI032	PRATHIKSHA E
33	4AL21AI033	PRIYANKA M G
34	4AL21AI034	PRIYANKA N
35	4AL21AI035	PUNITH KUMAR P V
36	4AL21AI036	RAKSHITHA
37	4AL21AI037	ROHITVILAS REDDY C
38	4AL21AI038	SANEESHA PRASHANT KADAM
39	4AL21AI039	SATHVIK S
40	4AL21AI040	SHARATH R
41	4AL21AI041	SHASHANK A PALAN
42	4AL21AI042	SHASHANK B
43	4AL21AI043	SHASHANKA C
44	4AL21AI044	SHASHIDHARA G HOSAMANI
45	4AL21AI045	SHETTY CHINTAN ASHOK
46	4AL21AI046	SHIVARAJ BASAVARAJ P.
47	4AL21AI047	SHRISHANTH S SHETTY
48	4AL21AI048	SRIDHAR V

**DEPARTMENT OF
COMPUTER SCIENCE AND DESIGN**



**WORKSHOP ON
HTML-CSS, PHP, XAMPP**



XAMPP



Prof.Jayantkumar A Rathod

Head.Department of CSD

Dr.Pushparani M K

Coordinator

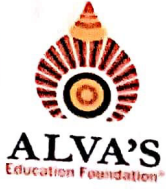
VENUE: CSD LAB

DATE: 6/11/2023

BY:

SHARVARI AND MANOJ

5th sem



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

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Campus, Mijar, Moodbidri- 574 225, Mangalore, D.K., Karnataka State.

Accredited with A+ by NAAC & NBA (CSE & ECE)

Department of Computer Science and Design

Circular

Date: 3/11/2023

Final-year students Sharvari and Manoj will conduct sessions on HTML-CSS, PHP, XAMPP, and demonstrate a DBMS Mini Project with hands-on tasks and interactive activities.

Students are encouraged to participate and make the most of this learning opportunity.

Coordinator

Dr. Pushparani M K

Sr. Asst. Professor

HOD

Prof. Jayantkumar A Rathod

Associate Professor & Head

H.O.D
Dept. of Computer Science and Design
Alva's Institute of Engg. & Technology
Mijar, Moodubidri - 574 225

PRINCIPAL

Alva's Institute of Engg. & Technology,
Mijar, MOOBBIDRI - 574 225, D.K

Department of Computer Science and Design

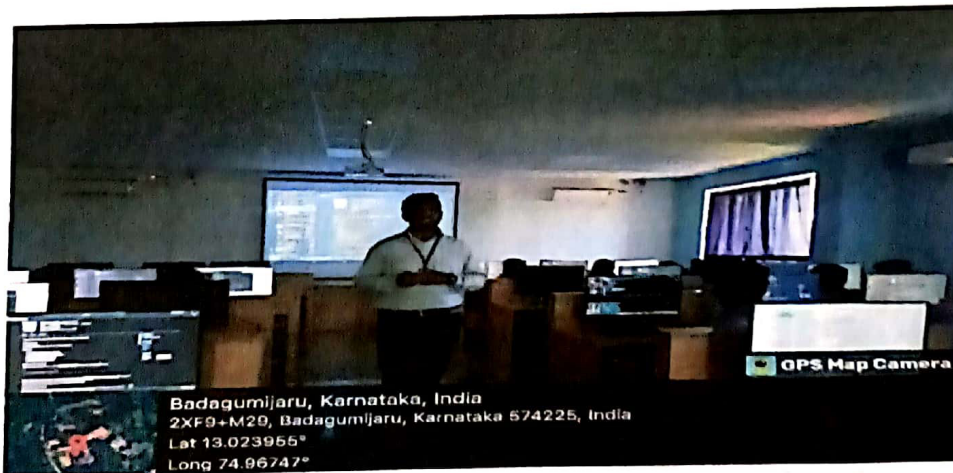
One-Day Workshop Report

On

“Workshop on HTML, CSS, Xampp”

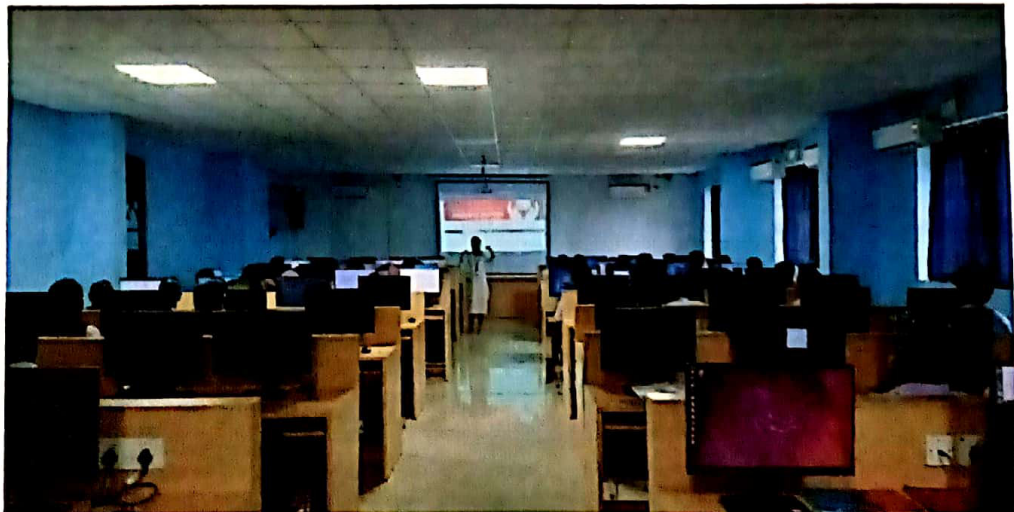
The Department of Computer Science and Design successfully organized a one-day workshop to enhance the technical knowledge of 2nd-year students. The workshop focused on essential topics relevant to web development and database management, including HTML, DBMS Mini Project, and XAMPP. These topics are crucial for building a strong foundation in both front-end and back-end development.

The sessions were conducted by final-year students, Sharvari and Manoj, who meticulously prepared and delivered the content, ensuring it was both informative and engaging. As peer mentors, Sharvari and Manoj used their expertise to teach the 3rd-year students key concepts, from the basics of HTML to the creation of dynamic websites, as well as practical database management techniques through a mini project. Additionally, they introduced XAMPP, explaining its role in setting up a local server environment for web development.



The workshop covered a range of topics designed to enhance the participants' technical skills:

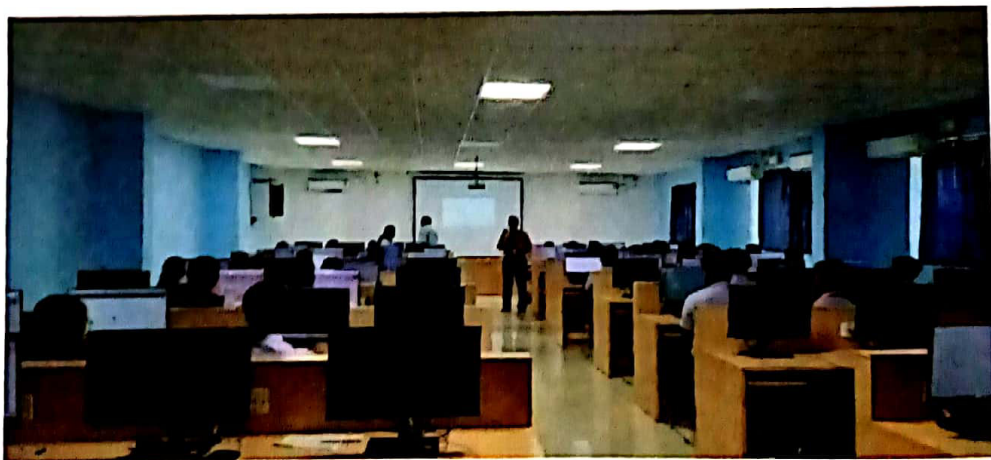
- **HTML:** Basics of creating websites, HTML structure, tags, and formatting.
- **CSS:** Introduction to Cascading Style Sheets (CSS), styling web pages, layout design, and responsive web design techniques.
- **PHP:** Introduction to server-side scripting using PHP, creating dynamic web pages, and handling form data.
- **DBMS Mini Project:** Introduction to database management systems, database design, and building a mini project using SQL.
- **XAMPP:** Understanding the local server environment, installation of XAMPP, and its use in web development for hosting websites locally.
- **Interactive Learning:** To make learning engaging and practical, Sharvari and Manoj included various interactive activities such as quizzes, games, and tasks. These activities were designed to help students understand the topics more effectively while also encouraging teamwork and problem-solving skills.
- **Hands-On Project:** A hands-on session was conducted, during which participants worked on real-world projects. This allowed them to apply the concepts they had learned throughout the day and improve their technical proficiency.
- **Project Demonstrations:** Final-year students also demonstrated live projects, offering insights into the process of building a successful project. This provided the 3rd-year students with a clear understanding of the development stages and the necessary skills required to create their projects.





The main learning objectives of the Workshop:


1. Equip students with essential computing skills in HTML, DBMS, and XAMPP.
2. Foster a deeper understanding of web development and database management.
3. Enhance practical knowledge through hands-on projects and real-world demos.
4. Engage students in learning through interactive tasks and activities.



Outcomes:

The workshop was a great success, with 2nd-year students showing increased confidence in the discussed topics. They expressed appreciation for the hands-on approach and the opportunity to learn from their senior peers. Many students noted that the interactive games and project demos helped solidify their understanding of the concepts.

The Head of the Department thanked Sharvari and Manoj for their exceptional efforts in conducting the workshop and guiding the students. Special appreciation was given to all participants for their enthusiasm and active involvement.



Coordinator

Dr. Pushparani MK

Sr.Asst.Professor



HOD

Prof. Jayanthumar A Rathod

Associate Professor & Head

H.O.D

Dept. of Computer Science and Design

Alva's Institute of Engg. & Technology

Mijar, Moodubidire - 574 225



Principal
PRINCIPAL

Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K

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Shobhavana Campus, MIJAR-574225, Moodbidri, D.K., Karnataka

Department of Computer Science and Design

Date: 6/11/2023

HTML-CSS, PHP, XAMPP, and demonstrate a DBMS mini Project

with hands-on

Attendance Sheet

Sl.No.	USN	Student Name	Signature
1	4AL21CG001	Menat Yuvav	
2	4AL21CG002	Alex Tzyenja	
3	4AL21CG006	Anulha.	
4	4AL21CG029	Harnika	
5	4AL21CG019	Dhanu Sri R	
7	4AL21CG040	Nayana S M	
8	4AL21CG053	Shravya	
9	4AL21CG051	Shibani	
10	4AL21CG059	Suraksha	
11	4AL21CG047	Ridhi R Hegde	
12	4AL21CG048	Sanshya Moolya	
13	4AL21CG052	Shivani	
14	4AL21CG054	Shreya	
15	4AL21CG045	Rakshita	
16	4AL21CG024	Shrutha Vashe	
17	4AL21CG000	Abhishek F B	
18	4AL21CG004	Adarsh Bhairam	
19	4AL21CG001	Chitham	
20	4AL21CG014	Chenmay, T N	
21	4AL21CG044	Pakeha Sidoluh	
22	4AL21CG029	Tahnavi-V	
23	4AL21CG028	Tulshar H.M	
24	4AL21CG043	Rachana	
25	4AL21CG041	Nisham	



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Accredited by NAAC with A+ grade & NBA (ECE & CSE)
DEPT. OF COMPUTER SCIENCE & DESIGN

Date: 04-12-2023

From,

Mr. Jayanthkumar A Rathod
Head of the Department
Computer Science and Design
Alva's Institute of Engineering and Technology Moodbidri.

To,

The Principal
Alva's Institute of Engineering & Technology
Moodbidri

Respected Sir,

Subject: Request to Conduct a One-Day Hands-On Workshop on
"Database Management Systems" under Total Quality Management in
Teaching and Learning on 11th Dec 2023

We are planning to conduct a one-day hands-on workshop on
**"Database Management Systems" under the Total Quality
Management in Teaching and Learning initiative on 11th
December 2023.** This workshop is designed exclusively for internal
faculty members and department students.

We kindly request your permission to organize this workshop as part
of our commitment to enhancing the quality of teaching and learning
within the institution. Faculty and students are actively involved in
planning and preparing for this event to ensure its success.

Thanking you

Your's faithfully


Mr. Jayanthkumar A Rathod

Head of the Department
H.O.D

Dept. of Computer Science and Design
Alva's Institute of Engg. & Technology
Mijar, Moodbidri - 574 225


Dr. Peter Fernandes

Principal & IQAC Chairman
PRINCIPAL

Alva's Institute of Engg. & Technology
Mijar. MOODBIDRI - 574 225, D.K



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DEPT. OF COMPUTER SCIENCE & DESING

CIRCULAR

Date: 06/12/2023

This is to inform all 5th Semester students that the department is organizing a one-day hands-on workshop on "Database Management Systems" on Dec 11, 2023 under Total Quality Management in Teaching Learning. In this regard, all students are requested to attend the workshop and make use of the session for developing their DBMS mini project.


HOD
H.O.D

Dept. of Computer Science and Design
Alva's Institute of Engg. & Technology
Mijar, Moodubidre - 574 225



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY
Shobhavana Campus, Mijar, Moodbidri, D.K - 574225
Phone: 08258-262725, Fax: 08258-262726

Report on one-day hands-on workshop on "Database Management Systems" Under Total Quality Management in Teaching and Learning

VENUE: CSD lab

Date: 11/12/2023

Resource Person: Mr. Jayanthkumar A Rathod, Associate Professor, CSD, AIET

The Department of Computer Science and Design organized a one-day workshop on "Database Management Systems" for the students of the 5th semester. This workshop focused primarily on building foundational skills for connecting front-end and back-end systems using PHP, HTML, and MySQL. Students learned how to use PHP for developing web pages alongside HTML, and they received an introduction to MySQL, an open-source relational database management system (RDBMS). The resource person, Mr. Jayantkumar, demonstrated various SQL commands for creating tables and explained the installation and significance of XAMPP and PhpMyAdmin in developing mini-projects.

The main learning objectives of the refresher course are listed below:

1. To master the basics of SQL and construct queries using SQL.
2. To understand the principles of relational database design.
3. To develop database applications using front-end tools and back-end DBMS.
4. To understand the importance of XAMPP and MySQL.

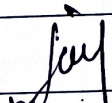


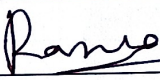
The students benefited from this workshop and learned how to connect the front end and back end in developing a mini project. They also gained an understanding of the importance of various software tools like XAMPP, PHP, and MySQL. This experience will help students enhance their skills and face placement drives with confidence.



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DEPT. OF COMPUTER SCIENCE & DESING

**ONE-DAY HANDS-ON WORKSHOP ON "DATABASE
MANAGEMENT SYSTEMS" UNDER TOTAL QUALITY
MANAGEMENT IN TEACHING AND LEARNING ON 11TH
DECEMBER 2023**

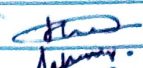

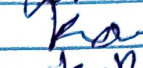

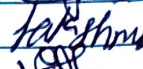


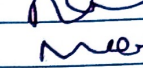
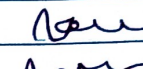
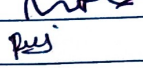
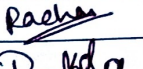




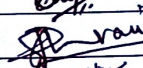
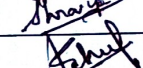
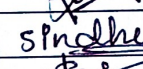
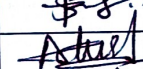
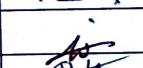

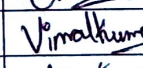










Faculties Attendance

#	Name of the faculty	Signature
1	MR. JAYANTHKUMAR A RATHOD	
2	DR.PUSHPARANI M K	
3	DR.SHIVAPRASAD B J	
4	MR.RAMACHANDRA H Y	
5		
6		

**ONE-DAY HANDS-ON WORKSHOP ON "DATABASE
MANAGEMENT SYSTEMS" UNDER TOTAL QUALITY
MANAGEMENT IN TEACHING AND LEARNING ON 11TH
DECEMBER 2023**

Student Attendance of 5TH semester

SN	USN	NAME	ATTENDANCE
1	4AL21CG001	ABDUL AZEEZ	<i>Azeez</i>
2	4AL21CG002	ABHISHEK E B	<i>Abhi</i>
3	4AL21CG003	ABHISHEK N C	<i>Abhishek N C</i>
4	4AL21CG004	ADARSH BHAVIMANE	<i>Adarsh</i>
5	4AL21CG005	ALEX TAJENJAM	<i>Alex</i>
6	4AL21CG006	ANUSHA N T	<i>Anusha</i>
7	4AL21CG007	ASHISH BHUTKURI	<i>Ashish</i>
8	4AL21CG008	ASHWIN K S	<i>Ashwin</i>
9	4AL21CG009	B PRAKASH	<i>Prakash</i>
10	4AL21CG010	BALAJI S KULKARNI	<i>Balaji</i>
11	4AL21CG011	BHARAT	<i>Bharat</i>
12	4AL21CG012	BHAVISH M K	<i>Bhavish</i>
13	4AL21CG013	CHANDAN KUMAR M	<i>Chandan</i>
14	4AL21CG014	CHINMAY T N	<i>Chinmay</i>
15	4AL21CG015	DARSHAN RAI	<i>Darshan</i>
16	4AL21CG016	DEEKSHITH ACHARYA	<i>Deekshith</i>
17	4AL21CG017	DEEPASHREE G NAIK	<i>Deepashree</i>
18	4AL21CG018	DEVADIGA ROSHNI N	<i>Roshni</i>
19	4AL21CG019	DHANUSRI R	<i>Dhanusri</i>
20	4AL21CG020	DHANUSH A S	<i>Dhanush</i>
21	4AL21CG021	DHANUSH SHENOY	<i>Dhanush</i>
22	4AL21CG022	DHEERAJ SHETTY	<i>Dheeraj</i>
23	4AL21CG023	ESHWARI K C	<i>Eshwari</i>
24	4AL21CG024	GHRUTHAVARSHA K G	<i>Ghrutha</i>
25	4AL21CG025	GIREESH H	<i>Gireesh</i>
26	4AL21CG026	H M TUSHAR	<i>Tushar</i>
27	4AL21CG027	HARSHITH	<i>Harshith</i>

28	4AL21CG028	HEMANTH MUNAVALLI	
29	4AL21CG029	JAHNAVI V	
30	4AL21CG030	JAYAPRAKASH P	
31	4AL21CG031	KARTHIK	
32	4AL21CG032	KARTHIK P NAIK	
33	4AL21CG033	KIRAN KUMAR K	
34	4AL21CG034	LAKSHMISHA K A	
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37	4AL21CG037	MOHAMMED SAAD	
38	4AL21CG038	NAKUL N	
39	4AL21CG039	NARESH MAIBAM	
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45	4AL21CG045	RAKSHITHA	
46	4AL21CG046	RANJEETH P JAIN	
47	4AL21CG047	RIDHI R HEGDE	
48	4AL21CG048	SANDHYA MOOLYA	
49	4AL21CG049	SHARVARI M S	
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56	4AL21CG057	SUJAY KUMAR B ADOOR	
57	4AL21CG058	SURAJ	
58	4AL21CG059	SURAKSHA	
59	4AL21CG060	VIKRAM	
60	4AL21CG061	VIMALKUMAR U R	
61	4AL21CG062	VINITH KALIKAR	
62	4AL21CG063	YASHUYADAV A	
63	4AL22CG400	MADHUSOODHAN K S	
64	4AL22CG401	CHETHAN	
65	4AL22CG402	SARVESH	

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DEPT. OF COMPUTER SCIENCE & DESING

ONE-DAY HANDS-ON WORKSHOP ON "DATABASE MANAGEMENT SYSTEMS" UNDER TOTAL QUALITY MANAGEMENT IN TEACHING AND LEARNING ON 11TH DECEMBER 2023

FEEDBACK FORM

	Strongly agree	Agree	Neutral	Disagree
1.The objective of the workshop were clearly defined	0	0	0	0
2. Participation and interaction are encouraged	0	0	0	0
3.The topics covered were relevant to me	0	0	0	0
4.The content was organized and easy to follow	0	0	0	0
5.This workshop experience will be useful to my work	0	0	0	0
6.The trainer was knowledgeable about the topics	0	0	0	0
7.The trainer was well prepared	0	0	0	0
8.The workshop objectives were met	0	0	0	0
9.The time allotted for the workshop was sufficient	0	0	0	0
10.The meeting room and facilities were adequate and comfortable	0	0	0	0

Suggestions (if

any):.....

.....

.....

**ONE-DAY HANDS-ON WORKSHOP ON "DATABASE
MANAGEMENT SYSTEMS" UNDER TOTAL QUALITY
MANAGEMENT IN TEACHING AND LEARNING ON 11TH
DECEMBER 2023**

FEEDBACK FORM

	Strongly agree	Agree	Neutral	Disagree
1. The objective of the workshop were clearly defined	52%	39%	06%	03%
2. Participation and interaction are encouraged	55%	36%	04%	05%
3. The topics covered were relevant to me	65%	24%	06%	05%
4. The content was organized and easy to follow	71%	17%	07%	05%
5. This workshop experience will be useful to my work	75%	13%	08%	04%
6. The trainer was knowledgeable about the orientation topics	73%	15%	07%	05%
7. The trainer was well prepared	78%	10%	09%	03%
8. The workshop objectives were met				
9. The time allotted for the workshop was sufficient	75%	13%	07%	05%
10. The meeting room and facilities were adequate and comfortable	48%	39%	08%	05%

[Signature]
HOD

H.O.D

Dept. of Computer Science and L
Alva's Institute of Engg. & Technology
Mijar, Moodubidre - 574 225


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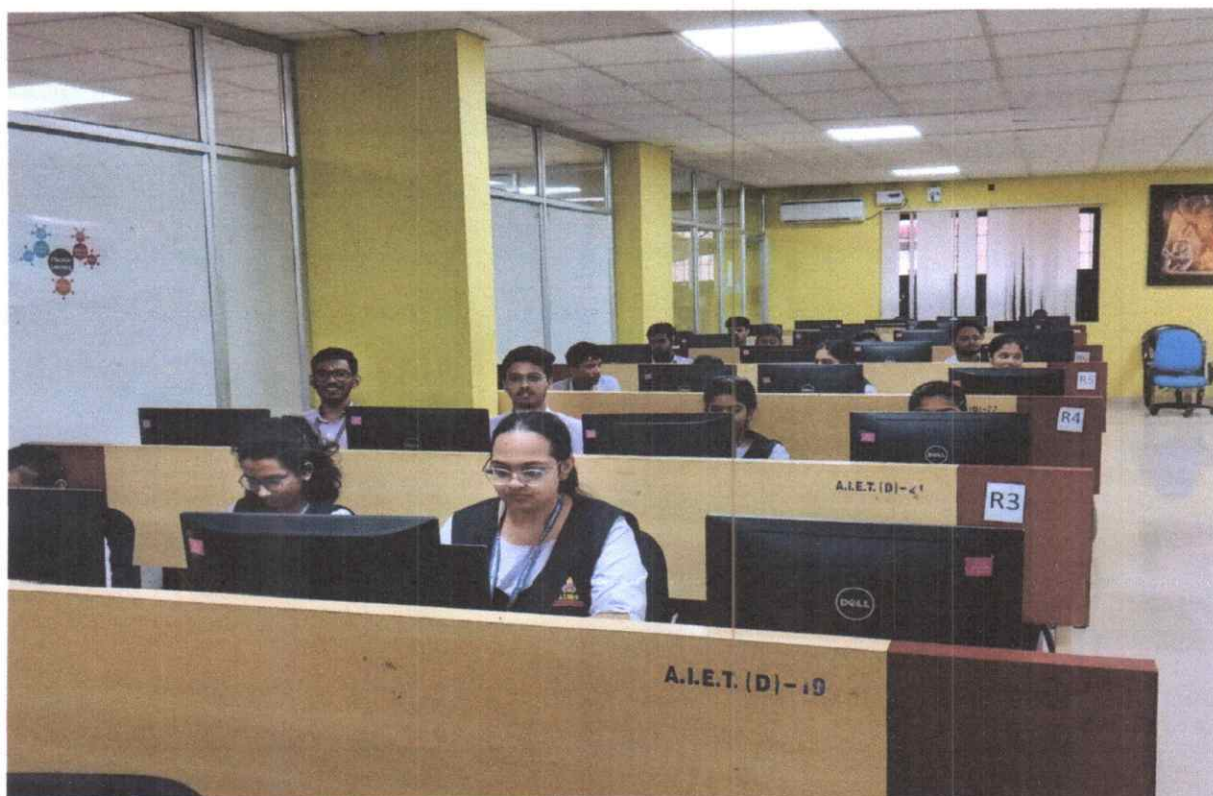


A REPORT ON WORKSHOP ON MS-EXCEL

Date: 20.05.2024

Convener: Mr. Abhijith L Kotian, Assistant Professor, Dept. of CSE.

With an aim to introduce the undergraduate students of Department of Computer Science and Engineering to MS-EXCEL software and its uses and applications, the Departments of Computer Science and Engineering, AIET organized a One-Day Hands-on Workshop on MS-EXCEL and its Application on 10th April, 2024.



Students were introduced to MS-EXCEL and basic simple functions like sum, average, multiplication, division, max, min and other functions like IF, SUMIF, COUNTIF and other mathematical and statistical functions were discussed and how to format the results in different sheets and same sheet were discussed. At the end students were given some data set and made to solve using the function that were discussed



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DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Mr. Abhijith L Kotian elaborately explained with examples the use of logical functions, array functions and date and time functions. He also taught the various ways of sorting and filtering large data sets and also the working of the lookup functions. The students were highly benefitted by the lectures which formed the prerequisite to handling of big data.


HOD

Head of the Department
Dept. of Computer Science & Engineering
Alva's Institute of Engineering and Technology
Mijar, Moodubidri - 574 225, D.K. Karnataka, India


PRINCIPAL

PRINCIPAL
Alva's Institute of Engg. & Technology,
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Shobhavana Campus, MIJAR-574225, Moodbidri, D.K., Karnataka

DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING

Academic Year 2023 - 2024

Session: WORKSHOP ON MS-EXCEL

Resource Person: Mr. Abhijith L Kotian, Assistant Professor, Dept. of CSE.

sno	USN	Student Name	24/24	24/24
1	4AL22CS001	ABHISHEK B	Abhishek	Abhishek
2	4AL22CS002	ABHISHEK GOWDA G R	Abhishek	Abhishek
3	4AL22CS003	ABHISHEK R ALLAPUR	Abhishek	Abhishek
4	4AL22CS004	ADHYA H SHETTY	Adhya	Adhya
5	4AL22CS005	ADVITH V SUVARNA	Advith	Advith
6	4AL22CS006	AKHIFA SHEIK	Akhifa	Akhifa
7	4AL22CS007	AKHILESH H R	Akhilesh	Akhilesh
8	4AL22CS008	AKSHAY REVANASIDDAPPA BANGARI	Akshay	Akshay
9	4AL22CS009	ALAN C RAJU	Alan	Alan
10	4AL22CS010	AMITH GOWDA H M	Amith	Amith
11	4AL22CS011	AMRUTHA M	Amrutha	Amrutha
12	4AL22CS012	ANSIL KUMAR	Ansil	Ansil
13	4AL22CS013	ANUSH	Anush	Anush
14	4AL22CS014	ANUSHA K N	Anusha	Anusha
15	4AL22CS015	APOORVA	Apoorva	Apoorva
16	4AL22CS016	APOORVA	Apoorva	Apoorva
17	4AL22CS017	ARUN	Arun	Arun
18	4AL22CS018	ARVIND KUMAR OJHA	Arvind	Arvind
19	4AL22CS019	ASHRITHA	Ashritha	Ashritha
20	4AL22CS020	AYESHATUL HAFEEZA	Ayeshatul	Ayeshatul
21	4AL22CS021	B B NAIK	B B Naik	B B Naik
22	4AL22CS022	BASAVARAJ	Basavaraj	Basavaraj
23	4AL22CS023	BHARATH H D	Bharath	Bharath
24	4AL22CS024	BHARATH M	Bharath	Bharath
25	4AL22CS025	BHOOMIKA R	Bhoomika	Bhoomika
26	4AL22CS026	BRIJESH S K	Brijesh	Brijesh
27	4AL22CS027	CHARAN KUMAR V	Charan	Charan
28	4AL22CS028	CHARISHMA G	Charishma	Charishma
29	4AL22CS029	CETHAN D B	Cethan	Cethan
30	4AL22CS030	CETHAN KUMAR	Cethan	Cethan
31	4AL22CS031	CETHAN L R	Cethan	Cethan
32	4AL22CS032	CHINMAY GOWDA H V	Chinmay	Chinmay
33	4AL22CS033	CHIRASHRI	Chirashri	Chirashri
34	4AL22CS034	DARSHAN B	Darshan	Darshan
35	4AL22CS035	DEEPAK	Deepak	Deepak
36	4AL22CS036	DEEPIKA N	Deepika	Deepika
37	4AL22CS037	DEVIKA S A	Devika	Devika
38	4AL22CS038	DHANARAJ SHRISHAIL BIRADAR	Dhanaraj	Dhanaraj
39	4AL22CS039	DISHA M	Disha	Disha
40	4AL22CS040	DIVYA	Divya	Divya
41	4AL22CS041	DIYA RAI	Diya	Diya
42	4AL22CS042	ELLURI CHAITANYA SRINIVAS	Elluri	Elluri
43	4AL22CS043	FAIZA	Faiza	Faiza
44	4AL22CS044	GAGAN	Gagan	Gagan
45	4AL22CS045	GAJENDRA A	Gajendra	Gajendra
46	4AL22CS046	GAYATRI M BALIGAR	Gayatri	Gayatri
47	4AL22CS047	GLANIL TAURO	Glanil	Glanil
48	4AL22CS048	GOURI KARABASAPPA BANAKAR	Gouri	Gouri
49	4AL22CS049	GOWDA MIILEE MADANKUMAR	Gowda	Gowda
50	4AL22CS050	GRISHMA PRASHANT BHANDARE	Grishma	Grishma



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Academic Year 2023 - 2024

51	4AL22CS051	H I AKSHAY	AKS	AKS
52	4AL22CS052	H L RAKSHA	HR	HR
53	4AL22CS053	H MANJULA	Manju	Manju
54	4AL22CS055	HARSHA C R	H.C.R.	H.C.R.
55	4AL22CS056	HARSHITH L S	Harshith	Harshith
56	4AL22CS057	HARSHITHA D BANGERA	H.D.B.	H.D.B.
57	4AL22CS058	HARSHITHA H N	Harshitha	Harshitha
58	4AL22CS059	HARSHITHA M	Harshitha	Harshitha
59	4AL22CS060	HARSHITHA M	Harshitha	Harshitha
60	4AL22CS061	HEETHA SHREE S	Heetha	Heetha
61	4AL22CS063	INCHARA ANGADI	Inchara	Inchara
62	4AL22CS064	INDRAJITH S	Indra	Indra
63	4AL22CS065	JAYALAKSHMI C	Jayalaxmi	Jayalaxmi
64	4AL22CS066	JEEVAN K	Jeevan	Jeevan
65	4AL22CS067	K JEEVAN KUMAR	Jeevan	Jeevan
66	4AL22CS068	K VEERESH	K. Veeresh	K. Veeresh
67	4AL22CS069	KANISHKA SHETTY	Kanishka	Kanishka
68	4AL22CS070	KARAN	Karan	Karan
69	4AL22CS071	KARTHIK N	Karthik	Karthik
70	4AL22CS072	KARTHIKEYA J S	Karthikeya	Karthikeya
71	4AL22CS073	KAVYA S	Kavya	Kavya
72	4AL22CS074	KAVYASHREE	Kavya	Kavya
73	4AL22CS075	KEERTHANA M	Keerthana	Keerthana
74	4AL22CS076	KEERTHANA R S	Keerthana	Keerthana
75	4AL22CS077	KEERTHIRAJ S B	Keerthiraj	Keerthiraj
76	4AL22CS078	KIRAN KUMAR	Kiran	Kiran
77	4AL22CS079	KUSUMA C D	Kusuma	Kusuma
78	4AL22CS080	LAKSHMI SHIVABASAPPA BANAKAR	Lakshmi	Lakshmi
79	4AL22CS081	LOHITH B R	Lohith	Lohith
80	4AL22CS082	MAHIMA NAYAK	Mahima	Mahima
81	4AL22CS083	MALLIKA K	Mallika	Mallika
82	4AL22CS084	MANOHARI B R	Manohari	Manohari
83	4AL22CS085	MEGHA BASAVARAJ TAMBAKAD	Megha	Megha
84	4AL22CS086	MEGHANA N K	Meghana	Meghana
85	4AL22CS087	MEHEK H N	Mehek	Mehek
86	4AL22CS088	MERLYN LUVIS ALMEIDA	Merlyn	Merlyn
87	4AL22CS089	MOHAMMED AHAZAR	Mohammed	Mohammed
88	4AL22CS090	MOHIDIN AHMED KABEER	Mohidin	Mohidin
89	4AL22CS091	NAUSHA TENDULKAR	Nausha	Nausha
90	4AL22CS092	NEHA N RAO	Neha	Neha
91	4AL22CS093	NIKSHITHA P RAI	Nikshitha	Nikshitha
92	4AL22CS094	NISARGA S	Nisarga	Nisarga
93	4AL22CS095	NISHITHA SUVARNA	Nishitha	Nishitha
94	4AL22CS096	NISHMITHA S SHETTY	Nishmitha	Nishmitha
95	4AL22CS097	PADMARAJ PRAPHULL KURUNDWADE	Padmaraj	Padmaraj
96	4AL22CS098	PALLAVI	Pallavi	Pallavi
97	4AL22CS099	PAVAN KUMAR H R	Pavan	Pavan
98	4AL22CS100	PAVITRA ISHWARAPPA TALAWAR	Pavitra	Pavitra
99	4AL22CS101	POOJA K R	Pooja	Pooja
100	4AL22CS102	PRAJWAL	Prajwal	Prajwal
101	4AL22CS103	PRAMOD K S	Pramod	Pramod
102	4AL22CS104	PRANATHI BHAT	Pranathi	Pranathi
103	4AL22CS105	PRANAV TIRAKANAGOUDAR	Pranav	Pranav
104	4AL22CS106	PRATHAMESH SHETTY	Prathamesh	Prathamesh



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105	4AL22CS107	PRATHI U SHETTY	Prathi	Prathi
106	4AL22CS108	PREETHAM DEVADIGA	Preetham	Preetham
107	4AL22CS109	PREETY KAKCHINGTABAM	Preety	Preety
108	4AL22CS110	PRIYANKA	Priyanka	Priyanka
109	4AL22CS111	PUTTARAJU D P	Puttaraju	Puttaraju
110	4AL22CS112	RAGHAVENDRA P KARJAGI	Raghu	Raghu
111	4AL22CS113	RAHUL S KOTI	Rahul	Rahul
112	4AL22CS114	RAJESHWARI	Raju	Raju
113	4AL22CS115	RAKSHITH V RAO	Rao	Rao
114	4AL22CS116	RAKSHITHA	R	R
115	4AL22CS117	RASHMITHA M S	Ris	Ris
116	4AL22CS118	RAVITEJ C NEELI	Ravitej	Ravitej
117	4AL22CS119	RITHIKA P SHETTY	Rithika	Rithika
118	4AL22CS120	ROHINI R BANAGAR	Rohini	Rohini
119	4AL22CS121	ROSHAN S	Roshan	Roshan
120	4AL22CS122	SAHANA G	Sahana	Sahana
121	4AL22CS123	SAHANA U	Sahana	Sahana
122	4AL22CS124	SAKSHI	Sakshi	Sakshi
123	4AL22CS125	SAKSHI B K	Sakshi	Sakshi
124	4AL22CS126	SAKSHI SHETTY	Sakshi	Sakshi
125	4AL22CS127	SAMBRAM	Sambram	Sambram
126	4AL22CS128	SAMEEKSHA SHETTY	Sameeksha	Sameeksha
127	4AL22CS129	SANJANA MADI	Sanjana	Sanjana
128	4AL22CS130	SANJAY N	Sanjay	Sanjay
129	4AL22CS131	SHARANYA	Sharanya	Sharanya
130	4AL22CS132	SHARANYA R	Sharanya	Sharanya
131	4AL22CS133	SHARATH	Sharath	Sharath
132	4AL22CS134	SHARATH KUMAR B	Sharath	Sharath
133	4AL22CS135	SHASHANK BHANDARY	Shashank	Shashank
134	4AL22CS136	SHASHANK D	Sh	Sh
135	4AL22CS137	SHASHANK D P	Shashank	Shashank
136	4AL22CS138	SHASHANK S SHEELAVANTAR	Shashank	Shashank
137	4AL22CS139	SHASHWATI B U	Shashwathi	Shashwathi
138	4AL22CS140	SHERIN	Sherin	Sherin
139	4AL22CS141	SHETTY KRISHMA KRISHNA	Shetty	Shetty
140	4AL22CS142	SHETTY PRAKHYAT PRAKASH	Shetty	Shetty
141	4AL22CS143	SHETTY SAMAY DEEPAK	Samay	Samay
142	4AL22CS144	SHETTY VINITH VIJAY	Shetty	Shetty
143	4AL22CS145	SHIVAKUMAR V	Sh	Sh
144	4AL22CS146	SHIVALEELA KALASAD	Balasa	Balasa
145	4AL22CS147	SHIVANI KAMATH	Shivani	Shivani
146	4AL22CS148	SHIVAPRASAD R K	R	R
147	4AL22CS149	SHLAGHANA	Sh	Sh
148	4AL22CS150	SHODHAN KUMAR SHETTY	Shodhan	Shodhan
149	4AL22CS151	SHRADDHITHA P SHETTIGAR	Shraddha	Shraddha
150	4AL22CS152	SHRAVAN	Shravan	Shravan
151	4AL22CS153	SHRAVANKUMAR C KUDARI	Shravan	Shravan
152	4AL22CS154	SHRAVYA	Shravya	Shravya
153	4AL22CS155	SHRAVYA P SHETTY	Shravya	Shravya
154	4AL22CS156	SHRAVYA S M	Shravya	Shravya
155	4AL22CS157	SHREYA RAJENDRA GAONKAR	Shreya	Shreya
156	4AL22CS158	SHREYAS PUTHRAN	Shreyas	Shreyas
157	4AL22CS159	SIDDHARTH KANABARGI	Siddharth	Siddharth
158	4AL22CS160	SOWMYA SHETTY	Sowmya	Sowmya



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159	4AL22CS161	SPOORTHY		
160	4AL22CS162	SRIJAN G ANGADI		
161	4AL22CS163	SRIRAKSHA		
162	4AL22CS164	SRUJAN B N		
163	4AL22CS165	SRUSHTI N B		
164	4AL22CS166	SUDEEKSHA SHETTY		
165	4AL22CS167	SUDEEP YALLAPPA KALAPUR		
166	4AL22CS168	SUMANTH		
167	4AL22CS169	SUMANTH L		
168	4AL22CS170	SUMANTH S		
169	4AL22CS171	SURAJ		
170	4AL22CS172	SURAKSHA B R		
171	4AL22CS173	SUSHMITHA		
172	4AL22CS174	SWANJITH A K		
173	4AL22CS175	SWAPNIL SAMBHAJI ALORI		
174	4AL22CS176	SWAROOP SHRINIVAS SALIAN		
175	4AL22CS177	SWEEKRITHI SHETTY		
176	4AL22CS178	TANGEVVA RUDRAPPA GADAD		
177	4AL22CS179	TARUN SHRAVANKUMAR AGARWAL		
178	4AL22CS180	THRISHA M S		
179	4AL22CS181	V ADITYA		
180	4AL22CS182	VAIBHAVI MALEMATH		
181	4AL22CS183	VAGAS LOYSTON VINCENT		
182	4AL22CS184	VANDANA H M		
183	4AL22CS185	VARSHITHA R		
184	4AL22CS186	VARUN H M		
185	4AL22CS187	VARUN N R		
186	4AL22CS188	YOGESHWARA B		
187	4AL22CS189	YOGHANA B K		
188	4AL22CS190	YUMLEMBAM HENBA SINGH		
189	4AL23CS400	ANNAPURNESHWARI H		
190	4AL23CS401	ANVETHA H M		
191	4AL23CS402	JYOTI BHOKARE		
192	4AL23CS403	LAKSHMI PRASAD D YADAV		
193	4AL23CS404	RACHANA M		
194	4AL23CS405	RAKESH RAJESH PATTAR		
195	4AL23CS406	SACHIN M		
196	4AL23CS407	SANIYA AMITKUMAR VATURI		
197	4AL23CS408	SHRAVANA GOWRI		
198	4AL23CS409	SNEHA V KHANAGANVI		
199	4AL23CS410	SOUBDARYA SAPARE		
200	4AL23CS411	SRUSHTI EB		
201	4AL23CS412	THRISHA K S		
Staff Initial				

Dept. Training Coordinator

HOD

Principal

Head of the Department

Dept. of Computer Science & Engineering
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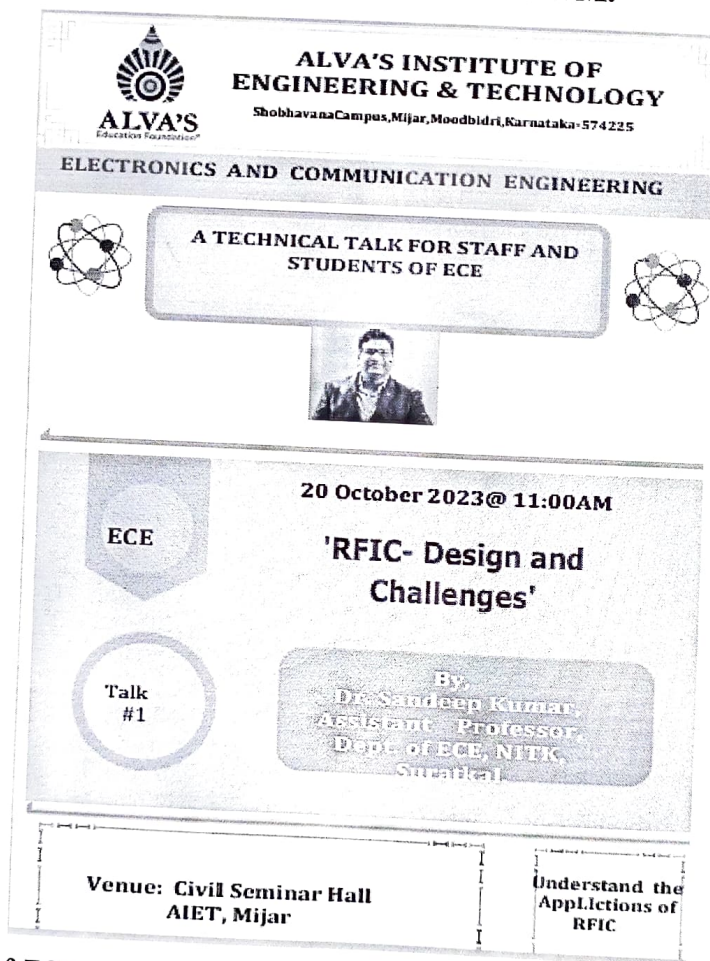
Report of Technical Talk-I

Topic: "RFIC- Design and Challenges"

Resource Person: Dr. Sandeep kumar, Assistant Professor,
Dept of ECE, NITK, Surathkal

Date: 20-10-2023

Time: 11:00AM to 1:00 PM.

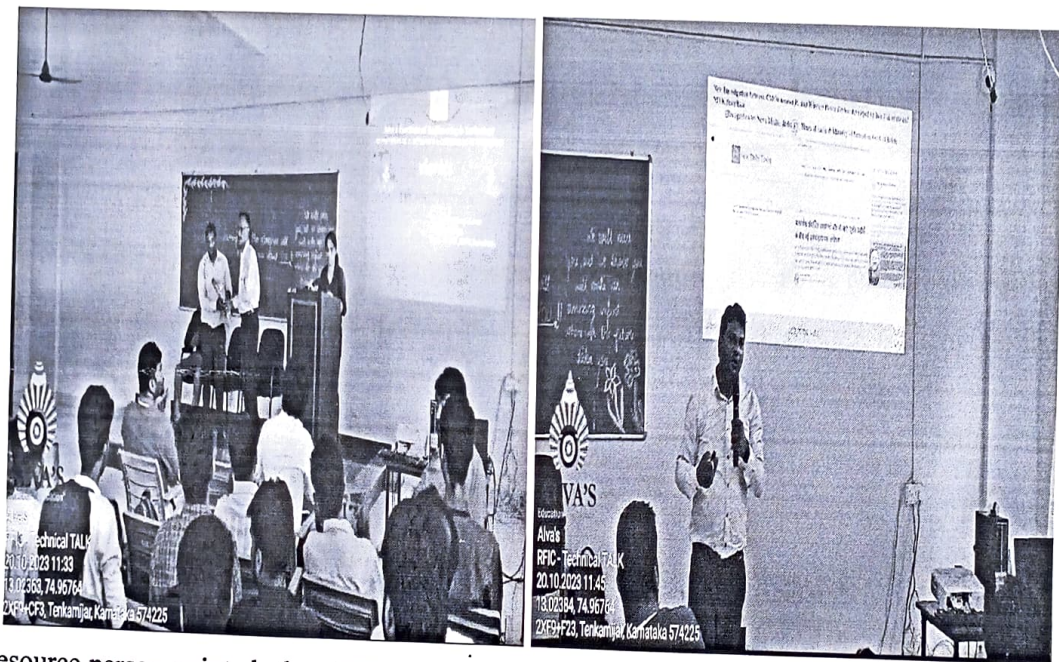


The poster is for a technical talk titled "RFIC- Design and Challenges". It features the ALVA's Institute of Engineering & Technology logo at the top left, with the text "ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY" and "Shobhavana Campus, Mijar, Moodbidri, Karnataka - 574225". Below this, it says "ELECTRONICS AND COMMUNICATION ENGINEERING". The main title "A TECHNICAL TALK FOR STAFF AND STUDENTS OF ECE" is in a central box. A small photo of Dr. Sandeep Kumar is below the title. The date and time "20 October 2023 @ 11:00AM" are on the right. The topic "'RFIC- Design and Challenges'" is in a large box. Below this, it says "By: Dr. Sandeep Kumar, Assistant Professor, Dept. of ECE, NITK, Surathkal". On the left, there is a box labeled "ECE" and a circle labeled "Talk #1". At the bottom, it says "Venue: Civil Seminar Hall AIET, Mijar" and "Understand the Applications of RFIC".

Department of ECE conducted the first technical talk of the odd semester 2023-24 on "RFIC- Design and Challenges" by Dr. Sandeep kumar, Assistant Professor, Dept of ECE, NITK, Surathkal on 20/10/2023. Dr. Sandeep Kumar is an Assistant Professor in the Department of Electronics and communication engineering at NIT Surathkal, Karnataka. Prior to join this institute, he was Research professor and Post-doctoral researcher in Nano circuit design Lab, Inje University, South Korea. He received his Ph.D. in Electronics

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Engineering from Indian Institute of Technology (IIT), Dhanbad, Jharkhand in 2016. He has published more than 50 publications in referred SCI journals and more than 22 international conferences and several book chapters in IEEE, IET publishers etc., He is the technical reviewer for various International SCI indexed journals of repute like IEEE Transactions, IEEE Letters, IET Electronics Letters, IET Communications, Springer Wireless Personal Communications, etc.



Resource person pointed that RFIC is in use from cell phones and wireless internet access to radar and navigation systems. He said that world is becoming more connected using radio frequency (RF) transmissions. Since the technology continues to improve, radio frequency integrated circuits (RFICs) have become complex chips both by themselves and integrated into very large system-on-chip (SoC) solutions. An RFIC is designed to operate at high frequencies, typically in the range of several hundred MHz to several GHz. A pure analog ASIC or IC operates in the analog domain. It is usually smaller in size than a typical digital ASIC. An RFIC is distinguished by integrated circuitry such as transmitters, receivers, PLLs, modulators, frequency multipliers, RF amplifiers, RF power amplifiers, mixers, inductors, transformers, baluns etc. He described that the objective of a radio circuit design is to transmit and receive signals between the source and destination with acceptable quality

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and without incurring a high cost. This can be achieved by designing a circuit using proven design methods. An RFIC typically consists of amplifiers, filters, mixers, oscillators, and modulators/demodulators onto a single chip.

A modern RFIC development flow must shorten the turnaround time for each design iteration while still achieving the best possible circuit performance. Therefore, design and simulation go hand in hand in an iterative process. A design is tweaked multiple times according to the output of the simulation. It is a long process, and designers sometimes compromise on the circuit performance to deliver according to very aggressive project schedules. In order to achieve performance with no compromises, RFIC designers need advanced electronic design automation (EDA) tools and excellent simulation capabilities with a specific focus on IC design.

The demand for faster and more reliable wireless connectivity such as 5G, which requires more complex and sophisticated RFICs, is driving the development of new RF technologies. To address these challenges, designers can use advanced design methods, comprehensive simulation tools, and optimized algorithms to streamline the design process and reduce time to market.

Following advantages of RFICs were discussed:

1. **Wireless communication and connectivity:** RFICs are widely used for wireless communication in mobile phones, Internet of Things (IoT) devices, home appliances, and more. RFIC-enabled devices have become an integral part of day-to-day life. Compact integration, power management, and high-speed data transfer are some of its biggest advantages.
2. **Automotive radar systems:** RFICs are used in automotive radar systems for applications like collision avoidance, adaptive cruise control, and parking assistance. Due to its compact form factor, it can be easily mounted in vehicles to provide enhanced safety.
3. **Wireless sensor networks:** RFICs are utilized in wireless sensor networks for applications like environmental monitoring, smart agriculture, and industrial automation. Wireless connectivity between sensor nodes eliminates extensive cabling

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and infrastructure. Using RPIC-based applications provides flexibility and scalability, since it's easy to expand or reconfigure RPIC-based networks.

4. Satellite communication: RPICs are used in satellite communication systems for tasks such as signal amplification, frequency conversion, and modulation. wide coverage, high data transfer rates, and efficient signal processing are some of the many benefits.



The event concluded successfully, leaving the students inspired and equipped with knowledge to embrace the advancements in these exciting fields. Finally Dr. Ganesh Associate Professor, department of ECE gave memento to the resource person and expressed gratitude for giving such an informative talk to the students.

[Signature]
Technical talk Coordinator

[Signature]
HOD

H.O.D.
Dept. Of Electronics & Communication
Alva's Institute of Engg. & Technology
MIAP, MOODBIDRI - 574 225

[Signature]
Principal

Principal
Alva's Institute of Engg. & Technology,
MIAP, MOODBIDRI - 574 225, D.K.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Date: 20/10/2023

Technical talk on "RFIC- Design and Challenges"

Resource person: Dr. Sandeepkumar

7th Semester Students Attendance

Sl.No.	USN	Name of the student	Student Contact Number	Signature
1.	4AL20EC001	Aishwarya A P	9972059996	
2.	4AL20EC002	AishwaryaPanchagavi	9380541918	
3.	4AL20EC004	Akshay	6364620606	
4.	4AL20EC005	Akshay Sonar	8217295499	
5.	4AL20EC006	AravindaJogi	8073377846	
6.	4AL20EC007	Bhavana M	7019008835	
7.	4AL20EC008	Chaithrashree M G	8088241372	
8.	4AL20EC010	Chethana.M	8861245384	
9.	4AL20EC011	DarshanMadival	8618474379	
10.	4AL20EC012	Disha H	7019123764	
11.	4AL20EC013	Harshitha D K	8296340230	
12.	4AL20EC014	JyotiPhakkirannanavar	6364764467	
13.	4AL20EC015	K.VijayBhanu	9392488894	
14.	4AL20EC016	Karthik G Shet	7411372046	
15.	4AL20EC017	Kishan Kumar	9535231807	
16.	4AL20EC018	Krathika	9538598624	
17.	4AL20EC019	KshamaTc	9481781268	
18.	4AL20EC020	LibinaLal	8152833512	
19.	4AL20EC021	ManjunathSajjan	7483828335	
20.	4AL20EC023	Mohammed Sharfuddin	8197762613	
21.	4AL20EC024	Mokshith	8197831398	
22.	4AL20EC025	Monika. D. B.	7411270924	
23.	4AL20EC026	Monisha P	9110477392	
24.	4AL20EC027	Nagarjuna GS	8618333210	
25.	4AL20EC028	PadalaSattibabu	8884450261	
26.	4AL20EC029	P V Likhitha	6301222490	
27.	4AL20EC030	PavanKh	8310138421	
28.	4AL20EC031	Pooja P	8147077133	

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29.	4AL20EC032	Prajaktha Poojary	6360560874	<i>Prajaktha</i>
30.	4AL20EC033	Prajwal R	8792456845	<i>Prajwal</i>
31.	4AL20EC034	Prashanth VK	9353778436	<i>Prashanth</i>
32.	4AL20EC035	Pratham Puthran	8762532510	<i>Pratham</i>
33.	4AL20EC036	Prathish G Nayak	8861781075	<i>Prathish</i>
34.	4AL20EC037	Praveen Vishwakarma	9112594598	<i>Praveen</i>
35.	4AL20EC038	Preeti G M	7204699622	-
36.	4AL20EC039	Rakesh Sangshetty	7204514656	<i>Rakesh</i>
37.	4AL20EC040	Rakshitha S	9110422265	<i>Rakshitha</i>
38.	4AL20EC041	Ramya K	9481434877	-
39.	4AL20EC042	Ranjitha R	8548937468	<i>Ranjitha</i>
40.	4AL20EC043	Rohan H	8792222407	-
41.	4AL20EC045	Sangamesh Biradar	9606655210	<i>Sangamesh</i>
42.	4AL20EC046	Sanjay Gk	6363562493	<i>Sanjay</i>
43.	4AL20EC048	Santhripi C S	7204212091	<i>Santhripi</i>
44.	4AL20EC049	Shravan V Upadhyaya	7019924482	-
45.	4AL20EC050	Shridevi Rao	9141019510	<i>Shridevi</i>
46.	4AL20EC051	Shruthi	8495969735	<i>Shruthi</i>
47.	4AL20EC052	Shubhashri S	8431671249	-
48.	4AL20EC053	Shwetha	9449546600	<i>Shwetha</i>
49.	4AL20EC054	Soumya N	8951018456	<i>Soumya</i>
50.	4AL20EC055	spoorthisalaskar	8971041033	-
51.	4AL20EC056	Srujan	9591704029	<i>Srujan</i>
52.	4AL20EC057	Umesh	9606569825	<i>Umesh</i>
53.	4AL20EC058	Varshini K L	8123239182	<i>Varshini K.L.</i>
54.	4AL20EC059	Veena Talawar	6362650105	<i>Veena</i>
55.	4AL20EC060	Vinod Raj G N	7019904236	-
56.	4AL20EC061	Vinyashree Jain	9110646585	<i>Vinyashree</i>
57.	4AL20EC062	Vishanth	8431623876	-
58.	4AL20EC063	Vishwanath	8431916500	<i>Vishwanath</i>

Technical talk Coordinator

Siddesh
HOD



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Ph: 08258-262725; Mob:722262724,7026262725,mail:principalaiet08@gmail.com

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Report of Technical Talk-III

Topic: "Cyber security best practices in the age of AI"

- **Resource Person:** Mr. Darshan Dwarakanath,
- Cyber security Architect, Bosch Global software Technologies, Bangalore

Date: 02-12-2023

Time: 11:00AM to 1:00 PM.



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Mangalore, DK Karnataka State -INDIA.



Department of Electronics & Communication Engineering

ORGANISES **TECHNICAL TALK** ON

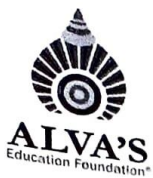
"Cyber Security Best practices in the age of AI "

DATE: 02 DECEMBER 2023
TIME : 11:00 AM ONWARDS

VENUE: MBA AUDITORIUM



MR. DARSHAN DWARAKNATH
Cyber security Architect,
Bosch Global Software Technologies
Pvt. Ltd.



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DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Department of ECE conducted the third technical talk of the odd semester 2023-24 on **"Cyber security best practices in the age of AI"** by Mr. Darshan Dwarakanath, Cyber security Architect, Bosch Global software Technologies, Bangalore on 02/12/2023.

Mr. Darshan Dwarakanath completed Bachelor's in Information Science-VTU and Masters in System Software-BITS, Pilani. Presently he is working as Cyber security Architect, Bosch Global software Technologies, from 2014 and have more than 12 year's experience in Retail power tools, FMCG and Automatic domains. He delivered 25+ projects in Bosch. His role in Bosch are,

- Implement all major steps in Secure Engineering policy
- Document delivery correctness
- Technology correctness
- Team Coordination & Discussions
- Organization Policy adherence

He expressed that AI is ideally suited to solve some of our most difficult problems, and cybersecurity certainly falls into that category. With today's ever evolving cyber-attacks and proliferation of devices, machine learning and AI can be used to automating threat detection and respond more efficiently than traditional software-driven approaches.

He described some challenges of cybersecurity such as,

- A vast attack surface
- Hundreds of attack vectors
- Big shortfalls in the number of skilled security professionals
- Masses of data that have moved beyond a human-scale problem

A self-learning, AI-based cybersecurity posture management system should be able to solve many of these challenges. Technologies exist to properly train a self-learning system to continuously and independently gather data from across your enterprise information systems.



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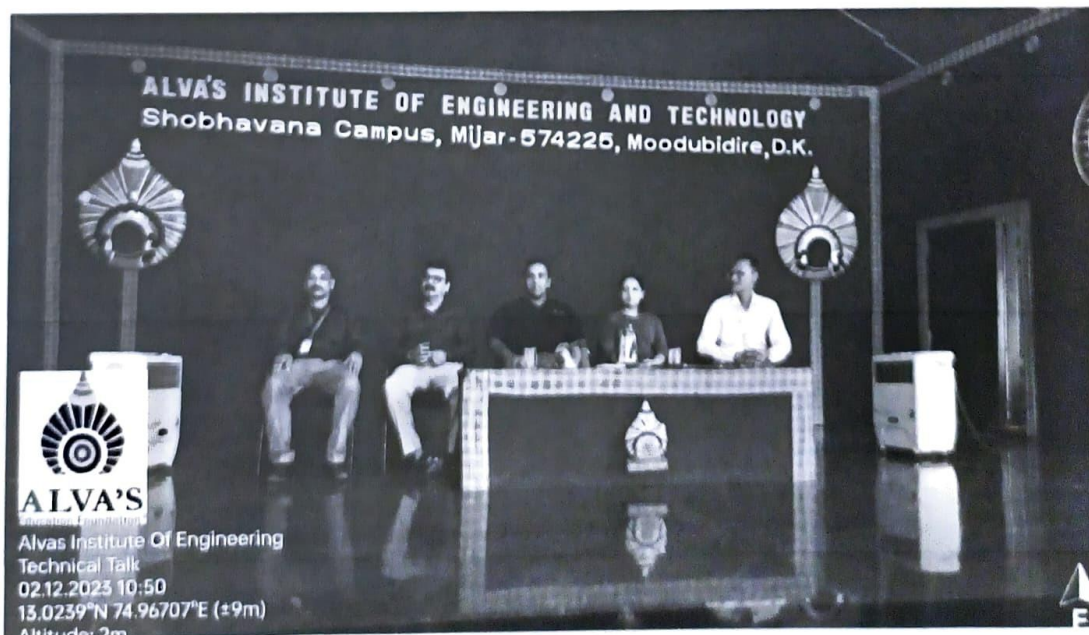
Shobhavana Campus, MIJAR-574225, Moodbidri, D.K., Karnataka

Ph: 08258-262725; Mob:722262724,7026262725,mail:principalaiet08@gmail.com

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

He explained that, while AI empowers attackers, it also plays a crucial role in defensive strategies. Machine learning algorithms can analyze vast datasets to identify emerging threats and predict attack vectors, enabling organizations to strengthen their defenses before an attack occurs. Anomaly detection systems powered by AI can identify unusual patterns and trigger alerts for rapid response. Additionally, AI can automate the analysis of attack patterns, helping security teams identify the source and take countermeasures.

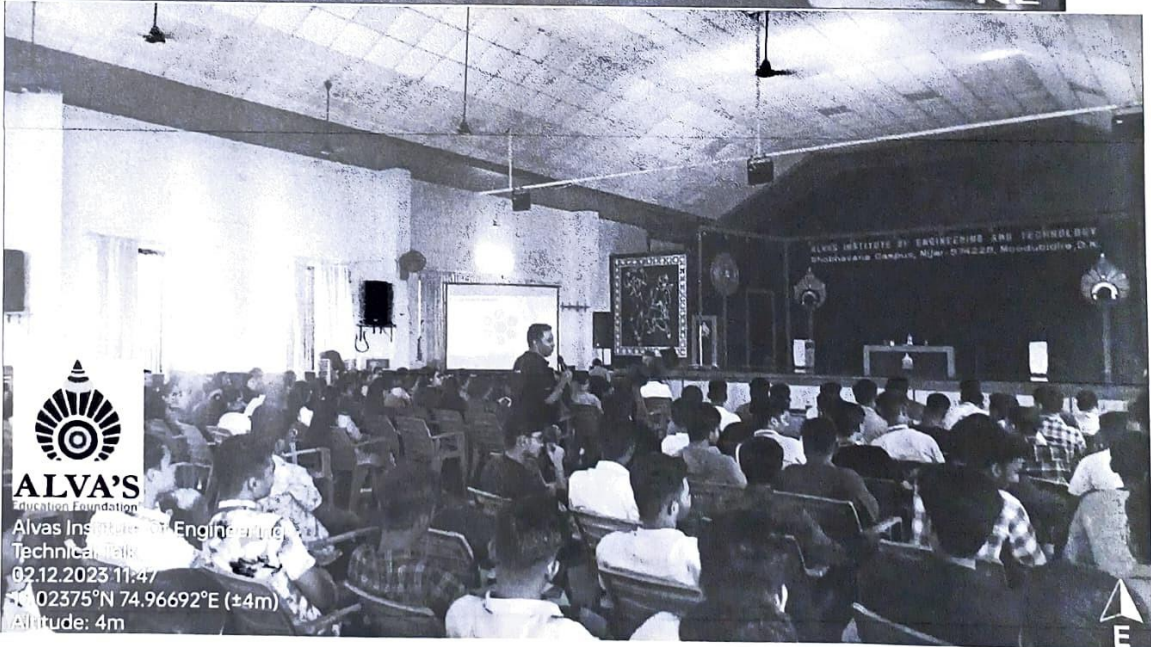
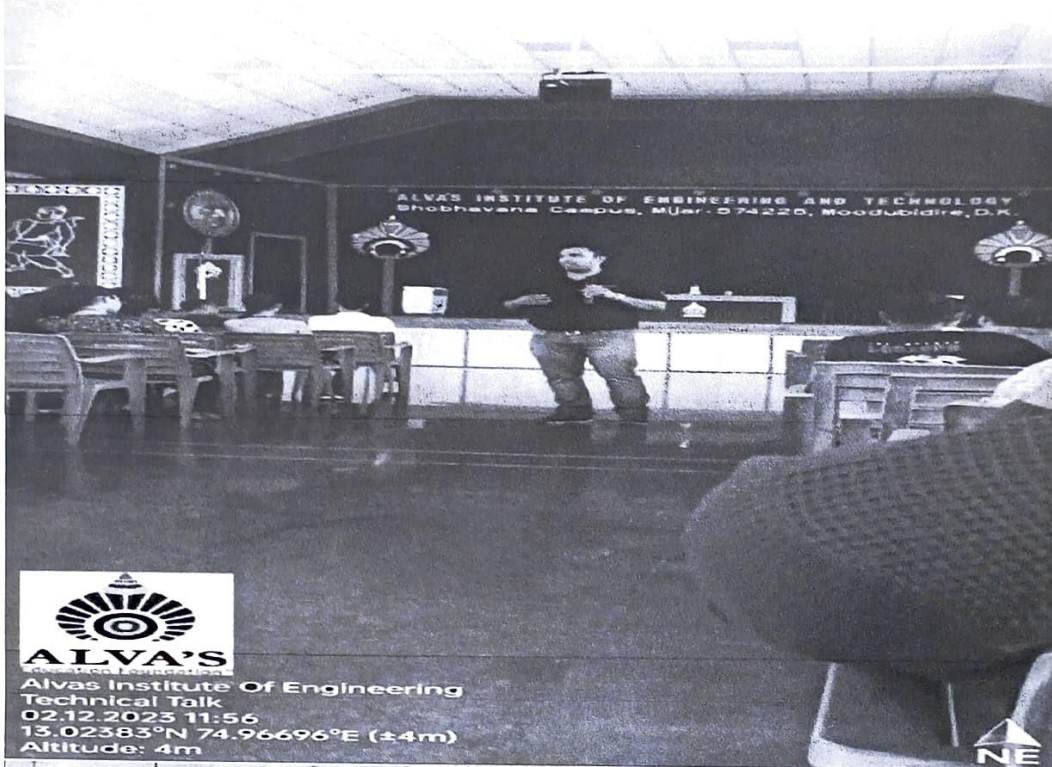
He highlighted that AI models can be utilized to develop comprehensive profiles of each application within an organization's network, leveraging large quantities of endpoint data. The use of AI in autonomous hacking systems challenges traditional concepts of human responsibility in cyberattacks. Identifying the responsible party becomes complex when the attack is identified by AI, leading to the need for new legal frameworks and attribution methods. Furthermore, ethical considerations arise from the use of AI for offensive purposes. International agreements are crucial to establishing norms for the use of AI in cyber warfare, striking a balance between technological advancement and ethical responsibility.





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Ph: 08258-262725; Mob:722262724,7026262725,mail:principalaiet08@gmail.com

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The event concluded successfully, leaving the students inspired and equipped with knowledge to embrace the advancements in these exciting fields. Finally Dr.Ganesh Associate Professor, department of ECE gave memento to the resource person and expressed gratitude for giving such an informative talk to the students.

Siddesh
HOD

H.O.D.

Dept. Of Electronics & Communication
Alva's Institute of Engg. & Technology
Moodbidri - 574 225

Principal
PRINCIPAL

Alva's Institute of Engg. & Technology
Moodbidri - 574 225, D.K

Date:02/12/2023

Technical talk attendance

Resource person:Mr. DarshanDwarakanath

Topic: "Cyber security best practices in the age of AI"

Class:3rdSemester A

Sl.No	USN	NAME OF THE STUDENT	Signature
1.	4AL22EC001	ADITYA VERMA	
2.	4AL22EC002	AISHWARYA SANGANNA	
3.	4AL22EC003	AKASH H M	
4.	4AL22EC004	AMRUTHA R	
5.	4AL22EC005	ANKITH I N	
6.	4AL22EC006	ANNAPOORNA A C	
7.	4AL22EC007	ANUSHRI MALLAPPA JOGIN	
8.	4AL22EC008	ANVIT UTTAM NAIK	
9.	4AL22EC009	AQUIL SHAH	
10.	4AL22EC010	ARAVIND D R	
11.	4AL22EC011	ASWINI VEERAPPA	
12.	4AL22EC012	ASHWITH R	
13.	4AL22EC013	BASAVANNA	
14.	4AL22EC014	BHAGYASHRI RAJASHEKHAR HIREMATH	
15.	4AL22EC015	BHAVANA K N	
16.	4AL22EC016	BHOOMIKA C	
17.	4AL22EC017	BHOOMIKA K B	
18.	4AL22EC018	BINDU A	
19.	4AL22EC019	CHAITRA BASAVARAJ GANDAROTTI	
20.	4AL22EC020	CHANDAN DK	
21.	4AL22EC021	CHANDAN N R	
22.	4AL22EC022	CHARITH KUMAR KS	
23.	4AL22EC023	CHAVAN GAUTAM RAJU	
24.	4AL22EC024	DEEPAK Y M	
25.	4AL22EC025	DERICK ROBINSON KOTIAN	
26.	4AL22EC026	GAGAN RAJ	
27.	4AL22EC027	H G GAHANA JAIN	

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28.	4AL22EC028	JAAHNNAWWIE A	Jahnn
29.	4AL22EC029	JYOTHI	Jyoti
30.	4AL22EC030	KANNIKA PARAMESH	Kannika
31.	4AL22EC031	KARTHIK	
32.	4AL22EC032	KARTHIK S KASHYAP	Karthik S. Kashyap
33.	4AL22EC033	KARTIK S GUGADADDI	
34.	4AL22EC034	KEESHALYA N S	Keeshalya
35.	4AL22EC035	KIRAN M S	
36.	4AL22EC036	KOMAL DUNDAPPA KARASIDDAGOL	Komal
37.	4AL22EC037	KSHAMA N	Kshama
38.	4AL22EC038	MADHU MAHANTESH	Madhu
39.	4AL22EC039	MADHU VH	Madhu VH
40.	4AL22EC040	MADHUSUDHAN K	Madhusudhan
41.	4AL22EC041	MAHESHWARI	Maheshwari
42.	4AL22EC042	MALLIKARJUNGOUDA	Mallikarjuna
43.	4AL22EC043	MANAN N G	Manan NG
44.	4AL22EC044	MANASA BS	Manasa BS
45.	4AL22EC045	MANJUNATH BASAVARAJ	Manjunath
46.	4AL22EC046	KAMMANAHALLI	
47.	4AL22EC047	MANJUNATH CHOORI	Manjunath
48.	4AL22EC048	MANOJ JAGALI	
49.	4AL22EC049	MEGHA KULKARNI	Megha
50.	4AL22EC050	MONIKA	Monika
51.	4AL22EC051	NAKSHA B ALVEKAR	Naksha
52.	4AL22EC052	NANDISHAGOUDA	Nandishagouda
53.	4AL22EC053	DODDALINGANAGAUDAR	
54.	4AL22EC054	NAVEEN SHIDDALINGAYYA	Naveen
55.	4AL22EC055	SADASHIVAPETIMATH	Sadashivapetimath
56.	4AL22EC056	NETRA SHRISHAIL KURBET	Netra
57.	4AL22EC057	NIREEKSHA G M	Nireeksha
58.	4AL22EC058	NISARGA	Nisarga
59.	4AL22EC059	NITHESHA	Nithesha
60.	4AL22EC060	NIVEDITHA BAVOOR	Niveditha
61.	4AL22EC061	OMKAR N PATTAR	Omkar
62.	4AL22EC062	PATTADI VENKATAIYYA	Pattadi Venkataiyya
63.	4AL22EC063	POOJA SULLAD	Pooja
64.	4AL22EC064	PRADEEP M C	Pradeep
		PRAJNA	Prajna
		PRAJWAL ANDANUR	Prajwal
		PRAJWAL N MANEGAR	Prajwal

Date: 02/12/2023

Technical talk attendance

Resource person:Mr. DarshanDwarakanath

Topic: "Cyber security best practices in the age of AI"

Class:3rd Semester B

Sl.No	USN	NAME OF THE STUDENT	Signature
1.	4AL22EC065	PRANAVA UDUPA E P	
2.	4AL22EC066	PRASAD PRAKASH OLEKAR	Prasad-P
3.	4AL22EC067	PRATHIK M SALIAN	Prathik M
4.	4AL22EC068	PRATIK CHANDRAKANT KHED	
5.	4AL22EC069	PREETAM SANJAY PATIL	P.S.P
6.	4AL22EC070	PRITHVIRAJ S SHIRAGANNAVAR	P.S.
7.	4AL22EC071	PUNEETH KUMAR BR	P.K.B
8.	4AL22EC072	RM RUDRESH PATIL	R.P.
9.	4AL22EC073	RAGHAVENDRA M O	Raghu M.O
10.	4AL22EC074	RAHUL U	Rahul U
11.	4AL22EC075	RAKSHA G	Raksha G
12.	4AL22EC076	RAMESH CHIGARER	R.Chigar
13.	4AL22EC077	RAMU SHIVAPPA HIRUR	Ramu S.H
14.	4AL22EC078	RITISH KUMAR CHANDRAHAS	R.K.C
15.	4AL22EC079	ROHAN A NAIK	
16.	4AL22EC080	ROSHINI M V	R.M.V
17.	4AL22EC081	S CHIRANJEEVI	
18.	4AL22EC082	SK PUNYASHREE	S.K.P
19.	4AL22EC083	SAGAR N K	Sagar N.K
20.	4AL22EC084	SAHANA BASAVARAJ ASUNDI	Sahana A.S
21.	4AL22EC085	SAHANA N JYOTHI	Sahana N.J
22.	4AL22EC086	SANJANA SHIVAGOUDA PATIL	Sanjana S.P
23.	4AL22EC087	SANJUSHREE T	Sanju S.T
24.	4AL22EC088	SAVITA CHANNAPPA	Savita C.
25.	4AL22EC089	SAYUJ P NAIR	Sayuj P.N
26.	4AL22EC090	SHAILESH	Shailesh

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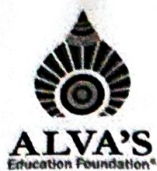
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27.	4AL22EC091	SHARANAPRAKASH HOSAMANI	
28.	4AL22EC092	SHETTY DIYA NITHYANANDA	
29.	4AL22EC093	SHETTY TRISHA VASANTHA	
30.	4AL22EC094	SHRAVAN	
31.	4AL22EC095	SHRAVANI	
32.	4AL22EC096	SHRINIDHI RAJKUMAR SHINDE	<i>Shrinidhi</i>
33.	4AL22EC097	SHWETA VEERANAGOUDRA	<i>Shweta</i>
34.	4AL22EC098	SIDDU N DHANNOR	<i>Siddu</i>
35.	4AL22EC099	SINCHANA KARUNAKAR POOJARI	<i>Sinchana</i>
36.	4AL22EC100	SNEHA SANJAY BAGANE	<i>Sneha</i>
37.	4AL22EC101	SOHAM SHANTISAGAR	<i>Soham</i>
38.	4AL22EC102	SONAL	<i>Sonal</i>
39.	4AL22EC103	SOUJANYA DHARMAGOUDA	<i>Soujanya</i>
40.	4AL22EC104	SOUMYA MUCHHANDI	<i>Soumya</i>
41.	4AL22EC105	SPANDANA G C	<i>Spandana</i>
42.	4AL22EC106	SPOORTHI G	<i>Spoorthi</i>
43.	4AL22EC107	SRUJAN H R	<i>Srujan</i>
44.	4AL22EC108	SRUSHTI S M	<i>Srushti S.M.</i>
45.	4AL22EC109	SUBRAMANYA K M	
46.	4AL22EC110	SUHAS HIEMATH	<i>Suhas</i>
47.	4AL22EC111	SUNIL ITAGI	<i>Sunil</i>
48.	4AL22EC112	SUNITHA M	<i>Sunitha M.</i>
49.	4AL22EC113	SURAJ S AIRANI	<i>Suraj</i>
50.	4AL22EC114	SWARNA K L	<i>Swarna</i>
51.	4AL22EC115	UDBHAVI N M	<i>Udbhavi</i>
52.	4AL22EC116	ULAVATTI SHIVARAJA	
53.	4AL22EC117	V SAI HITESH GOWDA	<i>V Sai Hitesh</i>
54.	4AL22EC118	VARSHITHA A R	<i>Varshitha</i>
55.	4AL22EC119	VASANTKUMAR CHANDRASHEK	<i>Vasant</i>
56.	4AL22EC120	VEDANTH M H	<i>Vedanth</i>
57.	4AL22EC121	VEERESH	<i>Veeres</i>
58.	4AL22EC122	VIDYASREE CS	<i>Vidya</i>
59.	4AL22EC123	VIJAY KULAL	<i>Vijay</i>
60.	4AL22EC124	VINAY S K	
61.	4AL22EC125	VINAYAK BALAPPA PATTAR	
62.	4AL22EC126	VISHWA PRADEEP SHET	<i>Vishwa</i>
63.	4AL22EC127	YASHWANTH KUMAR N	



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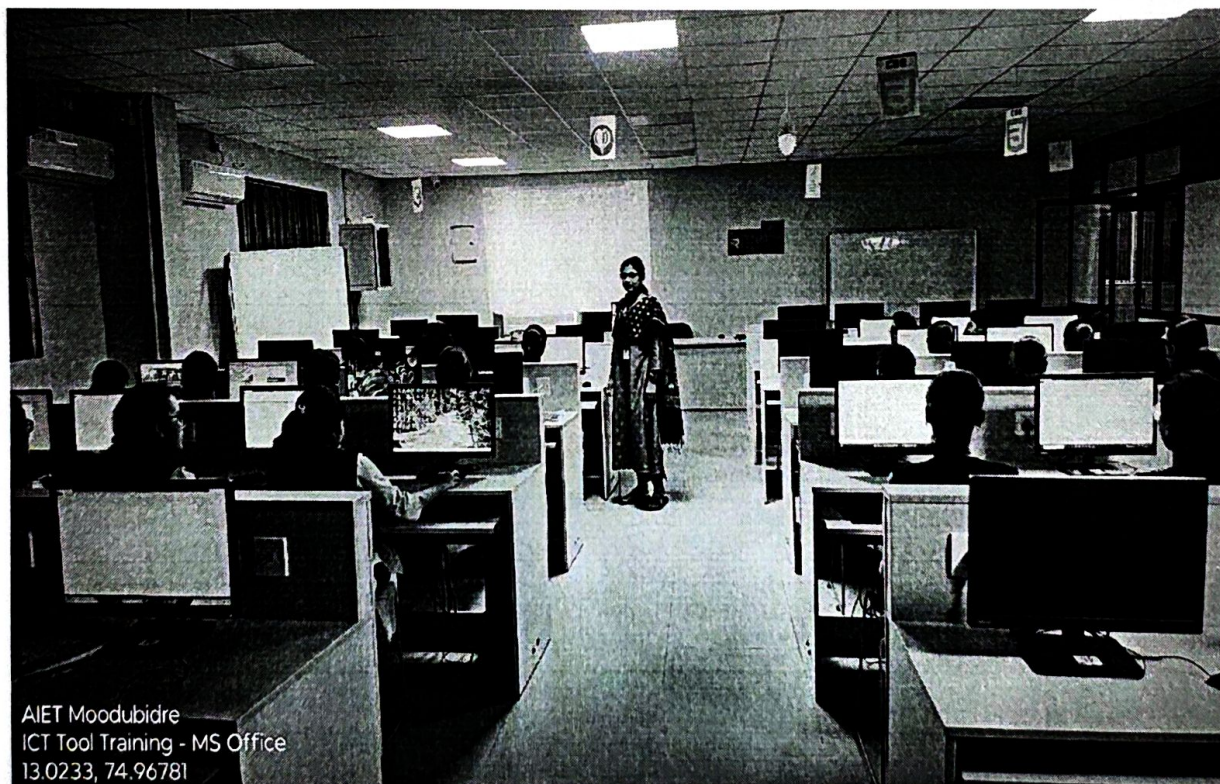
A REPORT ON WORKSHOP ON MS-WORD & MS-EXCEL

Date: 27.07.2023

Venue: ISE LAB, AIET.

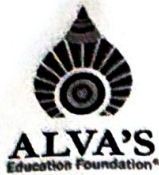
Convener: Dr. Rachana P, Associate Professor, Dept. of ISE.

With an aim to introduce the undergraduate students of Department of Information Science and Engineering to the various uses and functionalities of the software MS-OFFICE & MS-EXCEL, the Departments of Information Science and Engineering, AIET organized a One-Day Hands-on Workshop on MS-OFFICE & MS-EXCEL and its Application on June 27th 2023.



The primary aim of the workshop was to enhance participants' proficiency in Microsoft Word, enabling them to use the tool efficiently for document creation, formatting, and advanced features.

The workshop Begins with a brief introduction of MS- Microsoft Word, it is a powerful word processing software developed by Microsoft. It is used to create, edit, and format documents such as letters, reports, and resumes. With features like text formatting, table creation, page layout options, and image



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insertion, it enables users to produce professional-quality documents. Advanced tools like spell check, track changes, and mail merge enhance productivity, making MS Word a versatile tool for both personal and professional use.

2nd half of the workshop started with brief introduction of MS-EXCEL and its importance in data handling, then introduced the use of simple functions like sum, average, product, division, max, min, text functions and various ways of formatting the entered data. Session extended the discussion on the use of standard operators like AVERAGEIF, COUNTIF, and mathematical and statistical functions, which helped work out a number of problems from the data set. She also taught the various paste special techniques that are available with EXCEL.

Dr. Rachana P elaborately explained with examples the use of logical functions, array functions and date and time functions. She also taught the various ways of sorting and filtering large data sets and also the working of the lookup functions. The students were highly benefitted by the lectures which formed the prerequisite to handling of big data.

HOD O.D.

Dept. Of Information Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574.225

PRINCIPAL



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DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Academic Year 2023 - 2024

Session: Workshop on MS-Excel

Resource Person: Resource Person: Prof. Dr. Rachana P, Associate Professor, Dept. of ISE

Date : 27/07/2023			FN	AN.
#	USN	Student Name		
1	4AL22IS001	ADARSH	Adarsh	Adarsh
2	4AL22IS002	AFTAB KHAN	Aftab	Aftab
3	4AL22IS003	AKASH PUJARI	Akash	Akash
4	4AL22IS004	APOORVA	Apoorva	Apoorva
5	4AL22IS005	ASHA H D	Asha	Asha
6	4AL22IS006	BHOOMIKA M SHETTY	Bhoomika	Bhoomika
7	4AL22IS007	CHAYA	Chaya	Chaya
8	4AL22IS008	CHETHAN H D	Chethan	Chethan
9	4AL22IS009	CHIRAAG H	Chirag	Chirag
10	4AL22IS010	DHANUSH B V	Dhanush	Dhanush
11	4AL22IS011	ESHA	Esha	Esha
12	4AL22IS012	ETHAN HADLEY RODRIGUES	Ethan	Ethan
13	4AL22IS013	GURUPRASADA	Guruprasada	Guruprasada
14	4AL22IS014	HEMISH A	Hemish	Hemish
15	4AL22IS015	KARTHIK KUMAR P	Karthik	Karthik
16	4AL22IS016	KRISHNA KUMAR N	Krishna	Krishna
17	4AL22IS017	LAVANYA N MOGER	Lavanya	Lavanya
18	4AL22IS018	LOHIT MAHADEV PATGAR	Lohit	Lohit
19	4AL22IS019	MANISH D SALIAN	Manish	Manish
20	4AL22IS020	MANOJRAO	Manojrao	Manojrao
21	4AL22IS021	MANVIKA K R	Manvika	Manvika
22	4AL22IS022	MEGHANA MOHAN NAIK	Meghana	Meghana
23	4AL22IS023	MOHAMMED FARHAN	Mohammed	Mohammed
24	4AL22IS024	NANDINI K A	Nandini	Nandini
25	4AL22IS025	NANDINI RAJU BORAGAVE	Nandini	Nandini
26	4AL22IS026	NAVYA Y R	Navya	Navya



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Academic Year 2023 - 2024

27	4AL22IS027	NIKITHA SHETTY		
28	4AL22IS028	NISARGA SHRIDHAR NAIK		
29	4AL22IS029	NISHA		
30	4AL22IS030	OLIVA MARY FERNANDES		
31	4AL22IS031	OMKAR RAJIV NAIK		
32	4AL22IS032	PAVAN KUMAR MARIHONNAPPANAVAR		
33	4AL22IS033	PAVITHRA		
34	4AL22IS034	POOJA SHRIKANT SONNAD		
35	4AL22IS035	PRABHUGOUDA H FAKKIRAGOUDRA		
36	4AL22IS036	PRAJWALA BAHUBALI CHANDAKE		
37	4AL22IS037	PRANAM J		
38	4AL22IS038	PRAPTHI D POONJA		
39	4AL22IS039	PRATHA SHETTY		
40	4AL22IS040	PREETHAM SHETTY		
41	4AL22IS041	PRIYANKA S TOTAGER		
42	4AL22IS042	PUNNYA SHREE K N		
43	4AL22IS043	RANJITHA M		
44	4AL22IS044	RAVI KUMAR		
45	4AL22IS045	RITHIKA G SHETTY		
46	4AL22IS046	SAMAREEN CHANDAPATEL WADAGERI		
47	4AL22IS047	SHODHAN RAO		
48	4AL22IS048	SHRADDHA SHETTY		
49	4AL22IS049	SHREEYA G R		
50	4AL22IS050	SHREYA SOMANATH HUNASIMARAD		
51	4AL22IS051	SHUBHAM S VERNEKAR		
52	4AL22IS052	SHWETHA NAYAK		
53	4AL22IS053	SMITHESH SHETTY		
54	4AL22IS054	SOUJANYA TALAWAR		
55	4AL22IS055	SOWMYA R		



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

(Unit of Alva's Education Foundation (R), Moodbidri)

Affiliated to Visvesvaraya Technological University, Belagavi

Approved by AICTE, New Delhi.

Recognized by Government of Karnataka.

A+, Accredited by NAAC & NBA (ECE & CSE)

Shobhavana Campus, MIJAR-574225, Moodbidri, D.K., Karnataka

DEPARTMENT OF INFORMATION SCIENCE AND ENGINEERING

Academic Year 2023 - 2024

56	4AL22IS056	SRAJESH SHETTY		
57	4AL22IS057	SUDEEP KUMAR		
58	4AL22IS059	SUKANYA		
59	4AL22IS060	SURABHI		
60	4AL22IS061	UTKARSHA SUNIL SADALAGE		
61	4AL22IS062	VISMAY		
62	4AL22IS063	YASHODHA RAJU DEVADIGA		
Staff Initial				

Dept. Training
Coordinator

H.O.D.
HOD
Dept. Of Information Science & Engineering
Alva's Institute of Engg. & Technology
Mijar, MOOBBIDRI - 574 225

Principal

Training 3: Python Programming

Date: 21/08/2023 to 26/08/2023 (6 days)	Time : 09:00 AM to 4:30 PM
Venue : Room ME 401	Hours : 42 hrs

Introduction

This report provides an overview of the Python programming training conducted for Mechanical Engineering students as part of the Placement Training Program. The training spanned over five days and aimed to equip students with fundamental Python programming skills relevant to their field.

Training Objectives

The primary objectives of the Python programming training for Mechanical Engineering students were as follows:

- Introduction to Python: Familiarize students with the basics of Python programming language.
- Applications in Mechanical Engineering: Illustrate how Python can be applied to solve problems specific to the field of Mechanical Engineering.
- Coding Skills: Develop students' coding skills and problem-solving abilities using Python.
- Practical Experience: Provide hands-on experience through coding exercises and projects.
- Preparation for Placements: Enhance students' employability by introducing them to a widely-used programming language in the industry.

Workshop Overview

- The workshop imparts a fundamental knowledge required to write program in Python language
- It provides hands-on training sessions which offer a creative idea in solving problems using python program
- The practical programming exercises assigned midst the lecture hours enhance the interest of solving different concepts of programming using python
- It offers the knowledge of advanced programming constructs and data structures in Python and It provides hands-on training sessions in related concepts.
- The workshop imparts the knowledge of implementation of basic concepts of Python
- The workshop offers Interview based Questions in Python

Resources Person

- Dr. S.Mohideen Badhusha, Sr.Professor, CSE, AIET

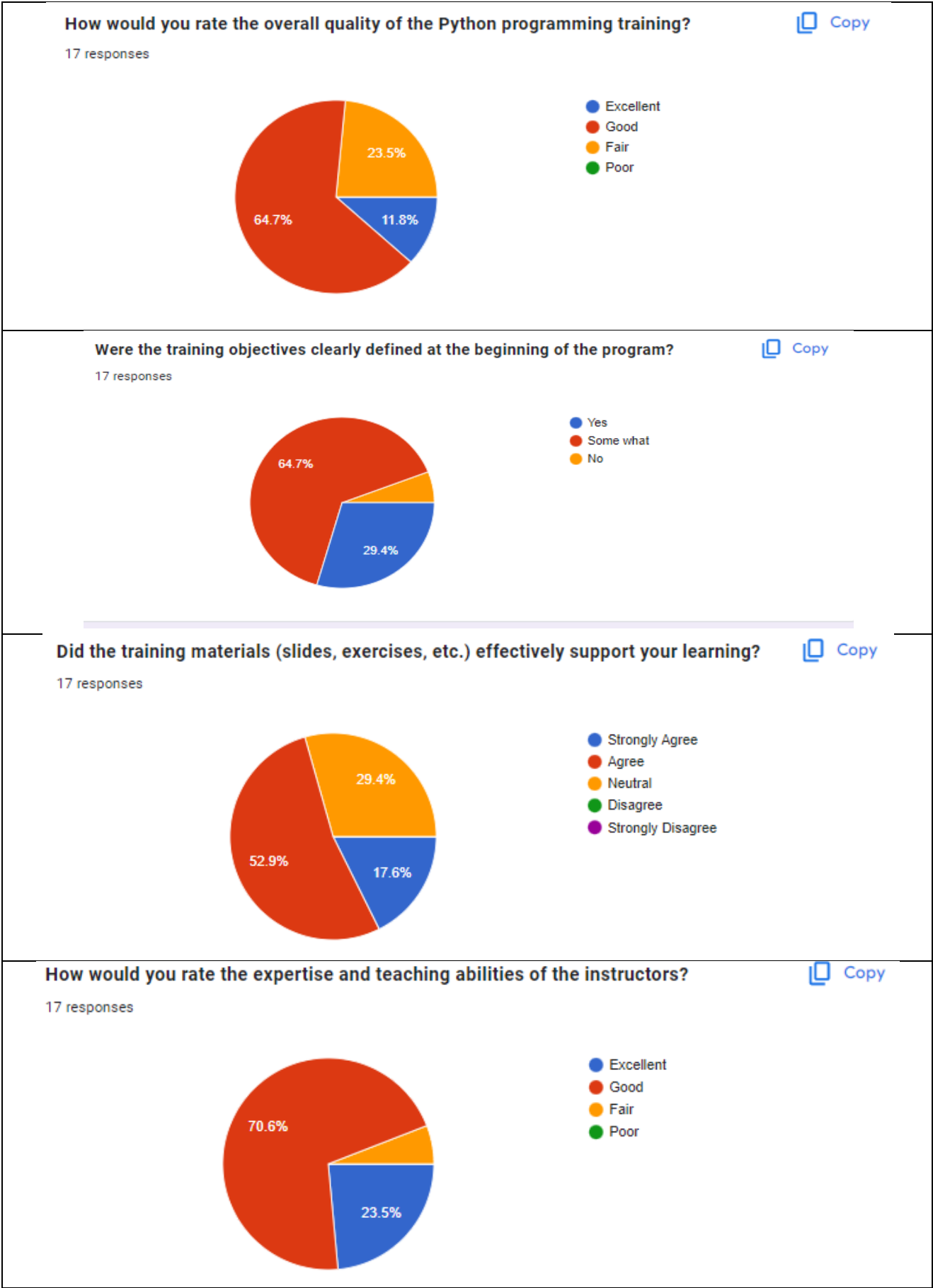
Content/Syllabus Delivery

Day	Session	Portions/ Activities	Duration
DAY 1	session 1	Introduction and Basics of Python Programming – Exercises.	2 Hours
	session 2	Hands-on training	2 Hours
	session 3	Functions in Python - Exercises	1 ½ Hours
	session 4	Hands-on training	1 ½ Hours
DAY 2	session 1	Iteration in Python - Exercises	2 Hours
	session 2	Hands-on training	2 Hours
	session 3	Lists in Python - Exercises.	1 ½ Hours
	session 4	Hands-on training	1 ½ Hours
DAY 3	session 1	Strings in Python - Exercises.	2 Hours
	session 2	Hands-on training	2 Hours
	session 3	Tuple in Python -Exercises	1 ½ Hours
	session 4	Hands-on training	1 ½ Hours
DAY 4	session 1	Dictionary in Python - Exercises	2 Hours
	session 2	Hands-on training	2 Hours
	session 3	Files in Python- Exercises	1 ½ Hours
	session 4	Hands-on training	1 ½ Hours
DAY 5	session 1	Interview oriented questions	2 Hours
	session 2	Hands-on training	2 Hours
	session 3	Interview oriented questions	1 ½ Hours
	session 4	Hands-on training	1 ½ Hours
DAY 6	Session 1	Final Demo Presentation on different concepts of basic programming constructs in Python	4 Hours
	Session 2	Final Demo Presentation on different concepts of basic programming constructs in Python	3 hours


Conclusion

This schedule aims to cover fundamental Python programming concepts and their application in mechanical engineering, gradually progressing from basic syntax to more complex topics and practical applications. The last day allows students to showcase their understanding through hands-on projects. Tailor the content and pace based on the students' proficiency and the available resources.

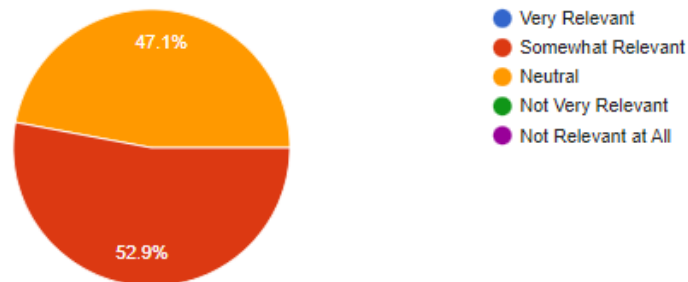
Feedback on Training



Were the practical coding exercises relevant and beneficial to your understanding of Python programming concepts?

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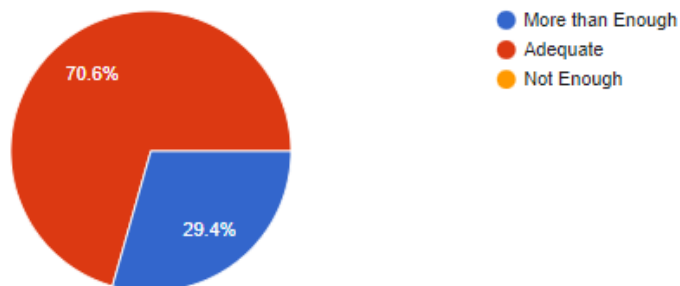
17 responses



Were there enough opportunities for hands-on practice and coding during the training?

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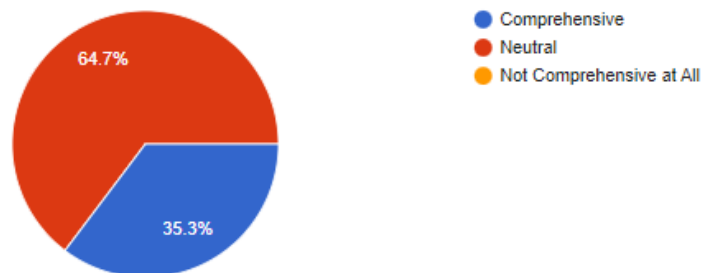
17 responses



How would you rate the comprehensiveness of the topics covered in the Python programming training?

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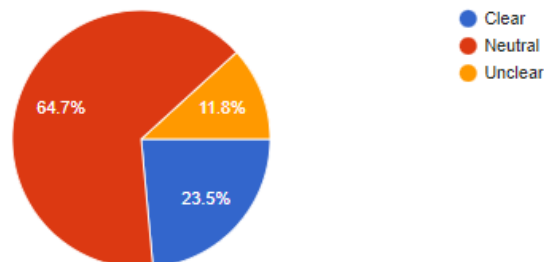
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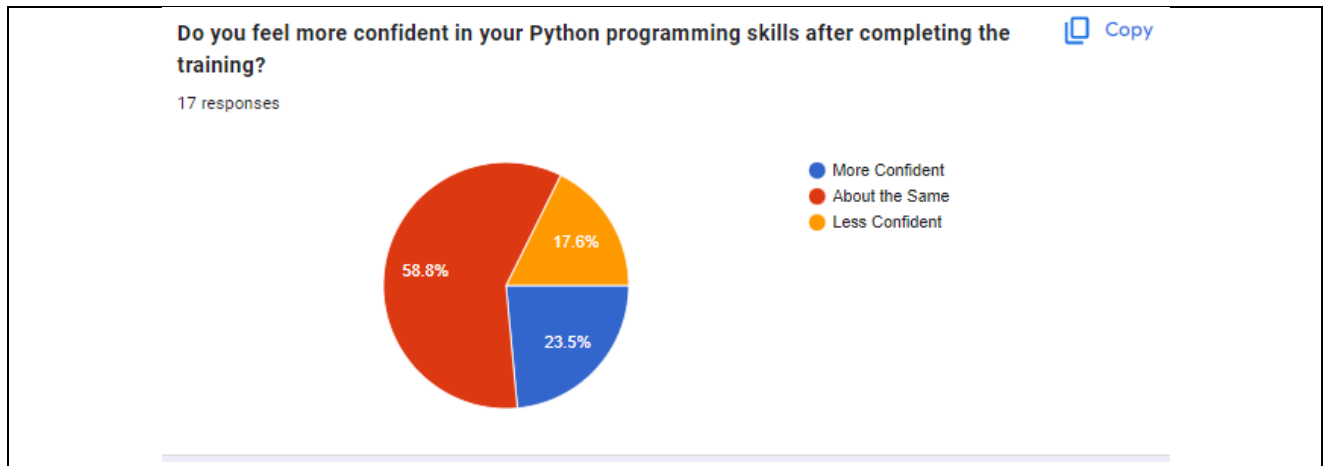


Were the explanations of complex programming concepts clear and easy to understand?

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17 responses





Snap Photos



Figure : Dr S M Badhusha handling the Python programming classes



Figure : Evaluation process

Department of Mechanical Engineering

C programming and Python

7th Sem ME

Boot Camp coordinator : Prof KIRAN C H

		Monday		Tuesday		Wednesday		Thursday		Friday		Saturday	
		21-Aug		22-Aug		23-Aug		24-Aug		25-Aug		26-Aug	
USN	NAME	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
4AL20ME001	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith
4AL20ME002	Akshar N	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS
4AL20ME003	Babugouda Shankaragouda	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith
4AL20ME004	Chandan Bhosale Urf Hagedal	B	B	B	B	B	B	B	B	B	B	B	B
4AL20ME006	Chiranth H S	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith
4AL20ME007	Dileep P R	P	P	P	P	P	P	P	P	P	P	P	P
4AL20ME008	Frison Nikhil Martis	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith
4AL20ME009	Girish B Bannikoppa	G	G	G	G	G	G	G	G	G	G	G	G
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4AL20ME012	Manoj Kumar Karnam	K	K	K	K	K	K	K	K	K	K	K	K
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4AL21ME401	Rahul Kambar	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith
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21/08

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Department of Mechanical Engineering

C programming and Python

7th Sem ME

Boot Camp coordinator : Prof KIRAN C H

		Monday		Tuesday		Wednesday		Thursday		Friday		Saturday	
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USN	NAME	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
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4AL20ME002	Akshar N	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS
4AL20ME003	Babugouda Shankaragouda	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith
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4AL20ME007	Dileep P R	P	P	P	P	P	P	P	P	P	P	P	P
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4AL20ME009	Girish B Bannikoppa	G	G	G	G	G	G	G	G	G	G	G	G
4AL20ME011	Jenny Fernandes	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith
4AL20ME012	Manoj Kumar Karnam	P	P	P	P	P	P	P	P	P	P	P	P
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4AL21ME404	Sandeep Jarale	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith	Adhwith
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21/08

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24/08

25/08

26/08

Training 4: FACE Prep-TCS NQT

Date: 29/08/2023 to 03/09/2023 (6 days)	Time : 09:00 AM to 4:30 PM
Venue : Internet Lab, Main building	Hours : 42 hrs

Summary

This report provides an overview and detailed account of the six-day training program conducted by TCS for the Mechanical Engineering department students. The training encompassed three days of intensive C++ programming instruction and three days focusing on aptitude development. The aim was to equip the students with fundamental coding skills using C++ and enhance their problem-solving abilities through aptitude training.

Resources Partner



FACE Prep is one of the most trusted placement-prep brands that had helped over millions of students to get placed. FACE Prep, established in 2008, is a leading Indian company dedicated to preparing individuals for job placements with a strong focus on skill development. Over the years, FACE Prep has facilitated millions of students in embarking on their tech career journeys. The organization offers an array of programs, including Master classes, self-paced last-mile preparation, and workshops/boot camps, designed to equip students with the essential skills needed to secure high-paying positions in the technology sector.

There Alumni graduates are employed in prominent technology companies worldwide, such as Google, Microsoft, Meta, Adobe, Paypal, Amazon, TCS, Infosys, Wipro, Thoughtworks, Cognizant, Accenture, and more."

Introduction:

The training program was designed to enhance the technical and problem-solving skills of Mechanical Engineering students. The content was divided into two parts: three days of C++ coding training and three days of aptitude training. The sessions were conducted by experienced professionals from TCS.

- **C++ Coding Training (Days 1-3):**

During the first three days, students were introduced to the basics of C++ programming. The training included:

Day 1: Introduction to C++

1. Basic syntax and structure of C++
2. Variables, data types, and operators

Day 2: Control Flow and Functions

1. Conditional statements (if-else, switch)
2. Loops (for, while, do-while)
3. Functions and modular programming

Day 3: Advanced Concepts

1. Arrays, strings, and pointers
2. Object-oriented programming (classes, objects, inheritance)

The students actively participated in coding exercises and practical applications to solidify their understanding of C++.

- **Aptitude Training (Days 4-6):**

The next three days were dedicated to enhancing aptitude skills crucial for placements and career growth. The training covered:

Day 4: Quantitative Aptitude

1. Concepts of number system, ratios, percentages
2. Problem-solving techniques for arithmetic and algebraic problems

Day 5: Logical and Analytical Reasoning

1. Deductive and inductive reasoning
2. Analyzing patterns, data interpretation, and puzzles

Day 6: Verbal Aptitude

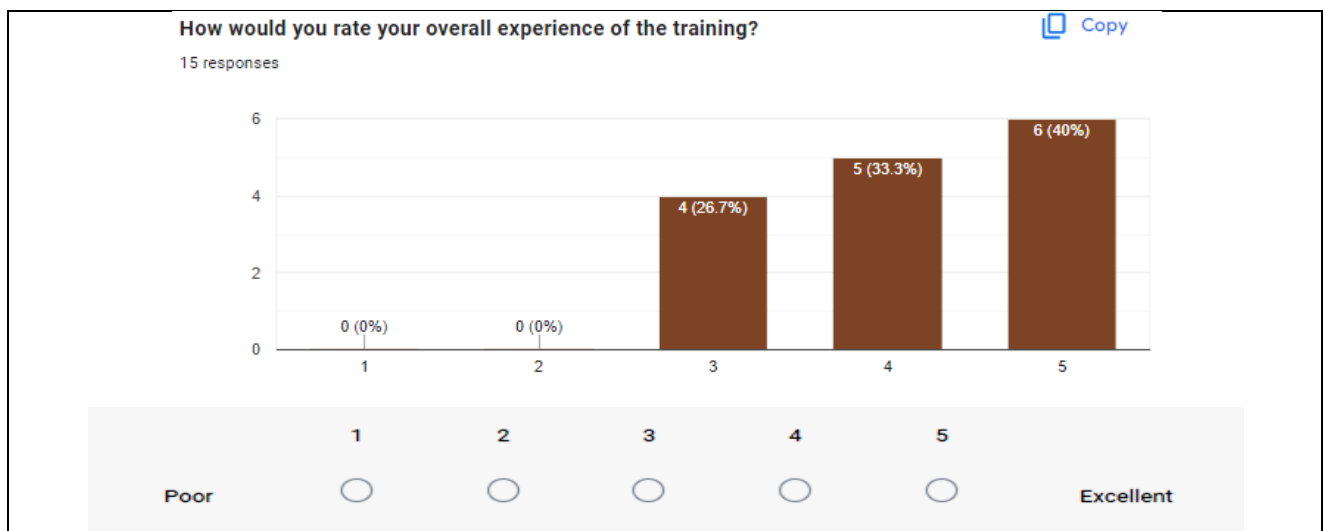
1. Vocabulary building, reading comprehension
2. Grammar and sentence correction

Conclusion

The six-day TCS training program successfully imparted valuable skills in C++ programming and aptitude to the Mechanical Engineering department students. The interactive sessions, practical exercises, and focused approach contributed to enhancing their employability and readiness for the professional world.

The training received positive feedback from both students and faculty. Such initiatives play a crucial role in bridging the gap between academic knowledge and industry requirements, preparing students for promising careers.

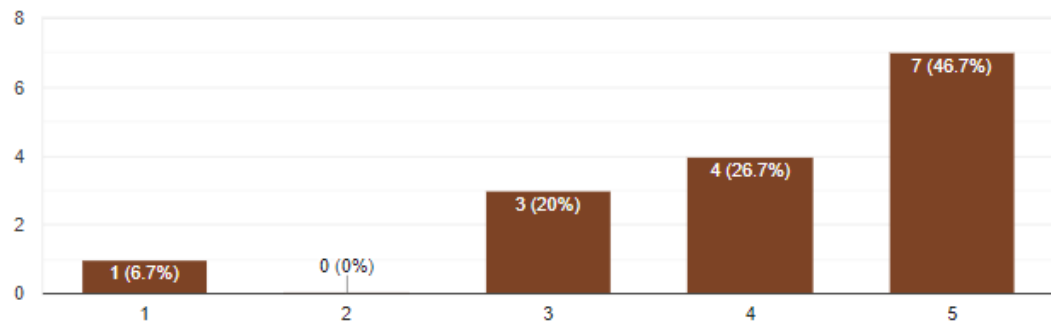
Feedback



How would you rate the trainers' communication and presentation skills?

[Copy](#)

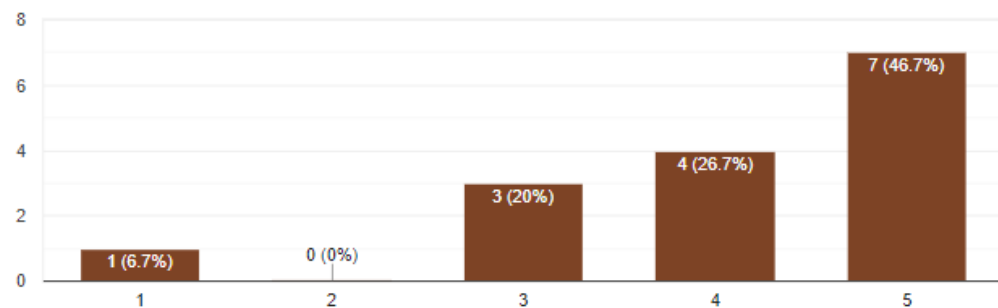
15 responses



How would you rate the overall effectiveness of the trainers in delivering the training content?

[Copy](#)

15 responses



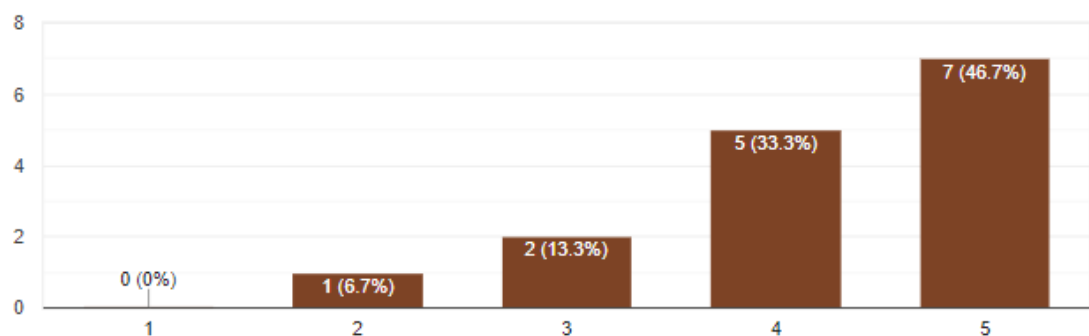
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Boring and Passive ☐ ☐ ☐ ☐ ☐ Highly Engaging and Interactive

Did you find the group activities beneficial for practicing skills Training?

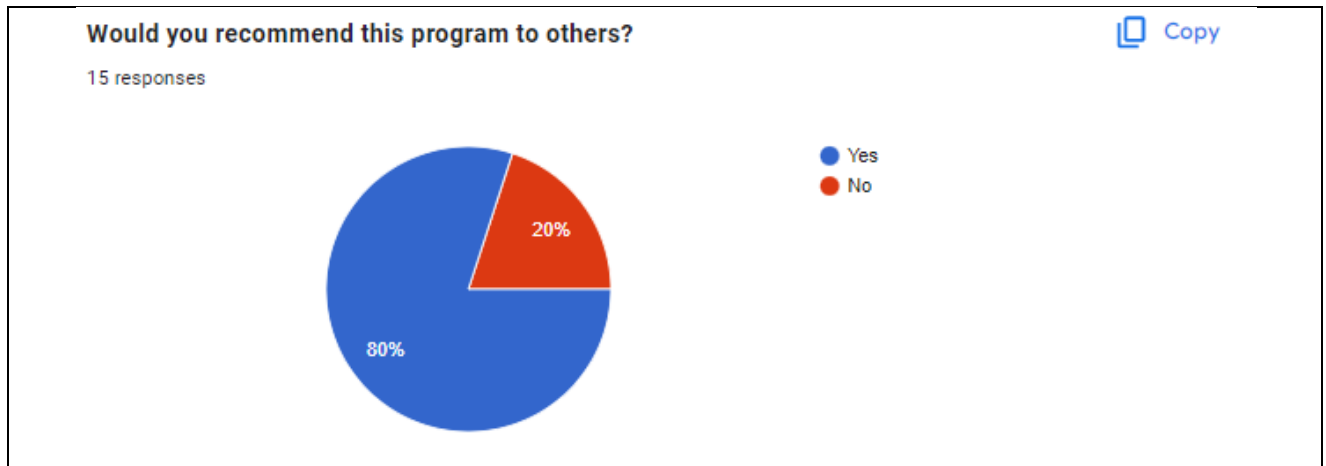
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15 responses



1 2 3 4 5

Not beneficial at all ☐ ☐ ☐ ☐ ☐ Very beneficial



Snap Photos

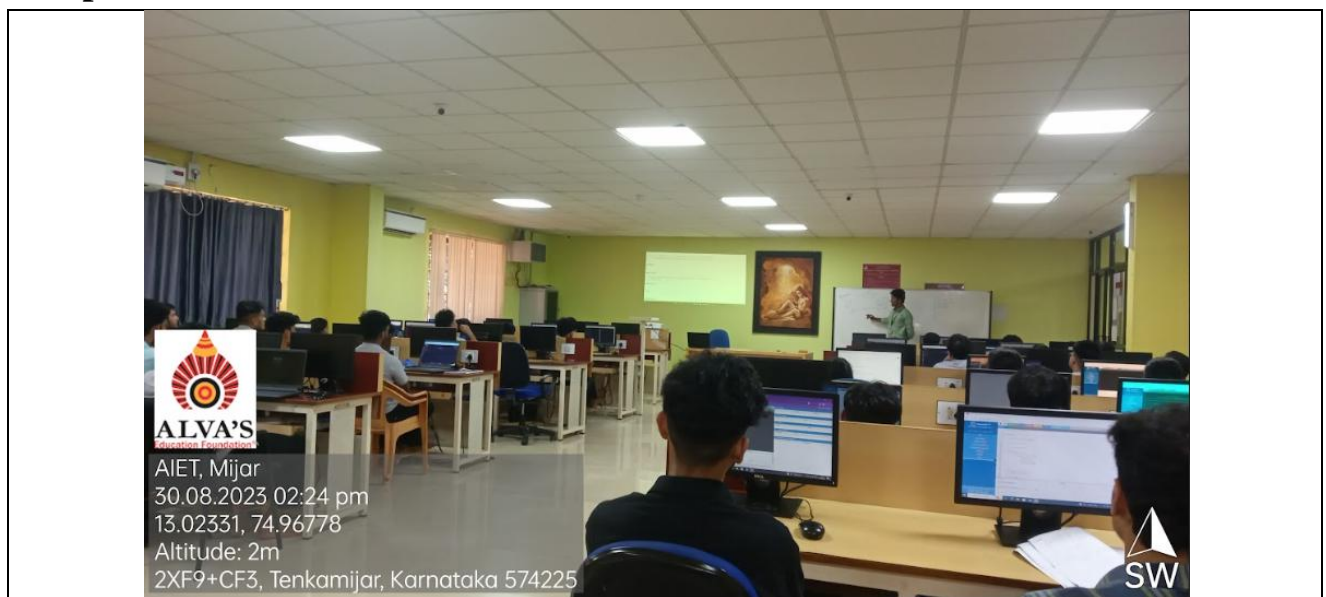


Figure : FACE Prep training



Figure: Shows the students practicing coding training



Figure : TCS NQT- Training

[Signature]
Coordinator
KERAN C.H.

[Signature]
HOD
H.O.D.
Dept. Of Mechanical Engineering
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

[Signature]
Principal
PRINCIPAL
Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225, D.K

Department of Mechanical Engineering

FACE Prep-TCS

7th Sem ME		Tuesday		Wednesday		Thursday		Friday		Saturday		Sunday	
Boot Camp coordinator : Prof KIRAN C H		29-Aug		30-Aug		31-Aug		1-Sep		2-Sep		3-Sep	
USN	NAME	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN	FN	AN
4AL20ME001	Adhwith	A	A	A	A	A	A	A	A	A	A	A	A
4AL20ME002	Akshar N	A	A	A	A	A	A	A	A	A	A	A	A
4AL20ME003	Babugouda Shankaragouda	A	A	A	A	A	A	A	A	A	A	A	A
4AL20ME004	Chandan Bhosale Urf Hagedal	A	A	A	A	A	A	A	A	A	A	A	A
4AL20ME006	Chiranth H S	A	A	A	A	A	A	A	A	A	A	A	A
4AL20ME007	Dileep P R	A	A	A	A	A	A	A	A	A	A	A	A
4AL20ME008	Frison Nikhil Martis	A	A	A	A	A	A	A	A	A	A	A	A
4AL20ME009	Girish B Bannikoppa	A	A	A	A	A	A	A	A	A	A	A	A
4AL20ME011	Jenny Fernandes	A	A	A	A	A	A	A	A	A	A	A	A
4AL20ME012	Manoj Kumar Karnam	A	A	A	A	A	A	A	A	A	A	A	A
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4AL20ME014	Mohammed Swahid	A	A	A	A	A	A	A	A	A	A	A	A
4AL20ME015	Mohammed Fahad H	A	A	A	A	A	A	A	A	A	A	A	A
4AL20ME016	Navyashree H B	A	A	A	A	A	A	A	A	A	A	A	A
4AL20ME017	Pallavi P	A	A	A	A	A	A	A	A	A	A	A	A
4AL20ME018	Pavankumar H R	← Internship Training →											
4AL20ME019	Rakshith S	A	A	A	A	A	A	A	A	A	A	A	A
4AL20ME021	Varun S Bhandary	A	A	A	A	A	A	A	A	A	A	A	A
4AL20ME022	Vignesh	A	A	A	A	A	A	A	A	A	A	A	A
4AL21ME400	Doddamallia	A	A	A	A	A	A	A	A	A	A	A	A
4AL21ME401	Rahul Kambar	A	A	A	A	A	A	A	A	A	A	A	A
4AL21ME402	Rakesh Kelagadi	A	A	A	A	A	A	A	A	A	A	A	A
4AL21ME403	Sachin Rathod	A	A	A	A	A	A	A	A	A	A	A	A
4AL21ME404	Sandeep Jarale	A	A	A	A	A	A	A	A	A	A	A	A
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Sign													

27/08

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03/09

Alva's Institute of Engineering & Technology

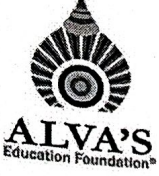
Shobhavana Campus, Mijar, Moodbidri, D.K – 574225

Phone: 08258-262725, Fax: 08258-262726



ICT / COMPUTING SKILL (PG)

2023-24



ALVA'S INSTITUTE OF ENGINEERING & TECHNOLOGY

(Unit of Alva's Education Foundation (R), Moodbidri)

Affiliated to Visvesvaraya Technological University, Belagavi & Approved by AICTE, New Delhi.
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A+, Accredited by NAAC

Shobhavana Campus, MIJAR-574225, Moodbidri, D.K., Karnataka
Ph: 08258-262725; Mob:722262724,7026262725,mail:principalaiet08@gmail

PG DEPARTMENT OF BUSINESS ADMINISTRATION

Date : 03-05-2024

The Principal

Alva's Institute of Engineering and Technology

Mijar - 574225

Respected Sir,

Subject: Permission to conduct ICT Classes for I year MBA students.

I hereby kindly request you to grant us permission to conduct "ICT Classes" by KEONICS, Govt. of Karnataka Enterprises, Moodbidri from 5th May 2024 for I Year MBA students.

Thanking you.

HOD

PG Dept. of Business Administration
Alva's Institute of Engg. & Technology
Mijar - 574225

PRINCIPAL

Alva's Institute of Engg. & Technology
Mijar, MOODBIDRI - 574 225

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Ph: 08258-262725; Mob: 722262724, 7026262725, mail: principalaiet08@gmail



Govt. of Karnataka Enterpr

PG DEPARTMENT OF BUSINESS ADMINISTRATION

Date: 02-03-2024

To

IQAC Chairman
Alva's Institute of Engineering and Technology
Mijar - 574225

Respected Sir

Subject: Permission to conduct ICT Classes for I year MBA students.

I hereby kindly request you to grant us permission to conduct "ICT Classes" by KEONICS, Govt. of Karnataka Enterprises, Moodbidri from 11th March 2024 for I Year MBA students. Enclosed herewith the details of the course.

Thanking you.

Yours sincerely

PRINCIPAL

Alva's Institute of Engg. & Technology,
Mijar. MOODBIDRI - 574 225, D.K



Govt. of Karnataka Enterprise



Greeting From KEONICS ಯುವ.Com

Dear Sir/Madam

Thanks a lot for the opportunity to present a proposal on E finance. Training at college campus.

Contents In: E FINANCE

- Microsoft Excel & Advance Excel
- Tally Prime With GST
- Payroll

Duration: 72 Hours

- Fees : 1600 Per Student
- Classes : Based On College Management

Contact Point for this proposal

Mrs Harinakshi Shetty

Contact: 9535567391, 8123880524

Registered Office:

Keonics yuva.com, 2nd floor, Karkera complex, Near Bus stand ,Moodbidri: 574227. Mob: 9535567391
harinakshi.shetty9@gmail.com

Subject: E FINANCE

Hours: 72

TOPICS

Sl. No	Description	Hours
1	Microsoft Excel <ul style="list-style-type: none">• Working with Formulas• Text Formatting• Excel IF• Excel Worksheet• Excel Calculation• Excel Fill Handle• Auto filter and Advance filter• Goal seek• Scenarios• Creating Formats• Working with DATA Tools• Project Work with all tools	5
2	Microsoft Advance Excel <ul style="list-style-type: none">• Using Formula and Add subtract and multiply and division• Excel sum if• Excel vlookup & hlookup• What is Pivot Table• Find & Remove Duplicates• Create drop-down List• Conditional formatting• Using Sub total	7
10	Tally. Prime <ul style="list-style-type: none">• Introduction to Tally. Prime• Creation of Company• Selection, Shutting, Altering Company & Shortcut Keys• Accounting Principles• Groups & Ledgers• Discussion about Journal Entries• Creation of Groups & ledgers• Editing & Deleting Ledgers• Vouchers• Entering Vouchers• Editing & Deleting Vouchers• Introduction about Accounts With Inventory• Creation of Ledgers• Creation of Stocks• Introduction to GST• Enabling GST• Setting GST Rates for Items• Setting GST TIN No to Party Ledgers• Creation of GST Ledgers (CGST, SGST, IGST)• Transactions of Purchase & Sales Returns• Transaction of Entering Last year Balance Sheet• Transaction of Adjustment of Stocks• Transaction for Manufacturing Products• Transactions of Orders• Maintaining Go downs• Maintaining Actuarial& Billed Qty	60

	<ul style="list-style-type: none"> • Maintaining Interest Calculation • Salary Report Generating through Payroll • Reports Checking <ul style="list-style-type: none"> ○ Balance Sheet ○ Profit & Loss ○ Trial Balance ○ Daybook ○ Tax Reports ○ Payroll Reports 	
Total Hours		72


HOD ,
PG Dept. of Business Administration
Alva's Institute of Engg. & Technology
Mijar - 574225



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PG DEPARTMENT OF BUSINESS ADMINISTRATION

AIET/MBA/ID/178

04-03-2024

CIRCULAR

It is hereby informed to all the I semester MBA students that there will be "ICT" classes by KEONICS, Govt. of Karnataka Enterprises, Moodbidri from 5th March 2024 for I year MBA students.

HOD
PG Dept. of Business Administration
Alva's Institute of Engg. & Technology
Mijar - 574225

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PG DEPARTMENT OF BUSINESS ADMINISTRATION

Syllabus : E FINANCE

Hours: 72

TOPICS

Sl. No	Description	Hours
1	Microsoft Excel <ul style="list-style-type: none">• Working with Formulas• Text Formatting• Excel IF• Excel Worksheet• Excel Calculation• Excel Fill Handle• Auto filter and Advance filter• Goal seek• Scenarios• Creating Formats• Working with DATA Tools• Project Work with all tools	5
2	Microsoft Advance Excel <ul style="list-style-type: none">• Using Formula and Add subtract and multiply and division• Excel sum if• Excel vlookup & hlookup• What is Pivot Table• Find & Remove Duplicates• Create drop-down List• Conditional formatting• Using Sub total	7

10	Tally. Prime <ul style="list-style-type: none"> • Introduction to Tally. Prime • Creation of Company • Selection, Shutting, Altering Company & Shortcut Keys • Accounting Principles • Groups & Ledgers • Discussion about Journal Entries • Creation of Groups & ledgers • Editing & Deleting Ledgers • Vouchers • Entering Vouchers • Editing & Deleting Vouchers • Introduction about Accounts With Inventory • Creation of Ledgers • Creation of Stocks • Introduction to GST • Enabling GST • Setting GST Rates for Items • Setting GST TIN No to Party Ledgers • Creation of GST Ledgers (CGST, SGST, IGST) • Transactions of Purchase & Sales Returns • Transaction of Entering Last year Balance Sheet • Transaction of Adjustment of Stocks • Transaction for Manufacturing Products • Transactions of Orders • Maintaining Go downs • Maintaining Actuarial & Billed Qty 	60
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PG DEPARTMENT OF BUSINESS ADMINISTRATION

	<ul style="list-style-type: none">• Maintaining Interest Calculation• Salary Report Generating through Payroll• Reports Checking<ul style="list-style-type: none">○ Balance Sheet○ Profit & Loss○ Trial Balance○ Daybook○ Tax Reports○ Payroll Reports	
Total Hours		72



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PG DEPARTMENT OF BUSINESS ADMINISTRATION

Report on ICT-2023-24

"E -Finance"

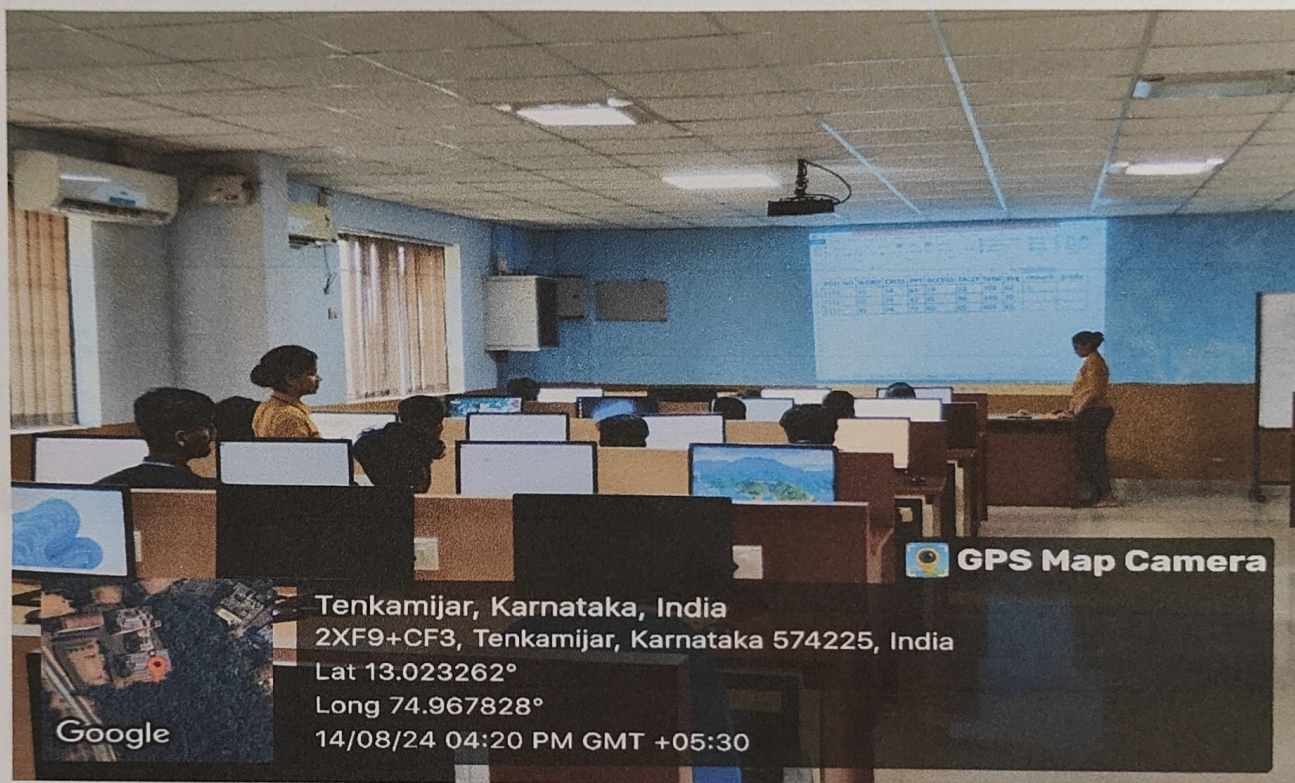
PG Department of Business Administration conducts a value added course on ICT "E Finance" was conducted for the First year and second year MBA students by Keonics computer training centre, Moodbidri. The main aim of the program was to introduce the students to Contents In: E FINANCE • Microsoft Excel & Advance Excel • Tally Prime With GST • Payroll software tools which is useful in accounting, business analysis, marketing or coding. In fact, knowledge of Microsoft and tally usage is one of the basic requirements for most of the job profiles. The landscape of business and industry is continuously evolving. Organisations, right from their design, to their supply chains, are facing innovation disruptions from technology every day. The current pandemic has only pushed this into force with remote working and excessive dependence on data analytics. Therefore, it becomes essential for business leadership and management to inculcate a basic understanding of technical tools.

Tally is an accounting software package that can help with business accounting, financial analysis, and preparing balance sheets. Tally is used by small and medium-sized businesses. Tally skills are valuable for roles in accounting and finance, and can significantly enhance job prospects.

Excel is a computer software program that can be useful for graphing, calculation, data representation, and pivot tables. Excel skills are essential for finance professionals and are considered to be more important than an MBA for a management career.

Payroll Salary Report Generating through Payroll helps in Reports Checking Balance

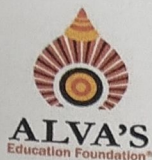
Sheet Profit & Loss Trial Balance Daybook Tax Report



First Year MBA students undergoing ICT training

Outcome:

- This comprehensive Tally Prime course will equip you with the knowledge and skills needed to manage your business finances efficiently and navigate the complexities of the Indian Goods and Services Tax (GST) regime.
- By offering a course on Tally Prime, we ensure that our learners are prepared to meet the demands of the job market and work effectively in real-world scenarios
- The understanding on GST ,Taxation under GST Calculating the tax amount Meeting tax obligations: Filing GST returns electronically Leveraging technology for GST Practical GST administration: Applying GST knowledge in action



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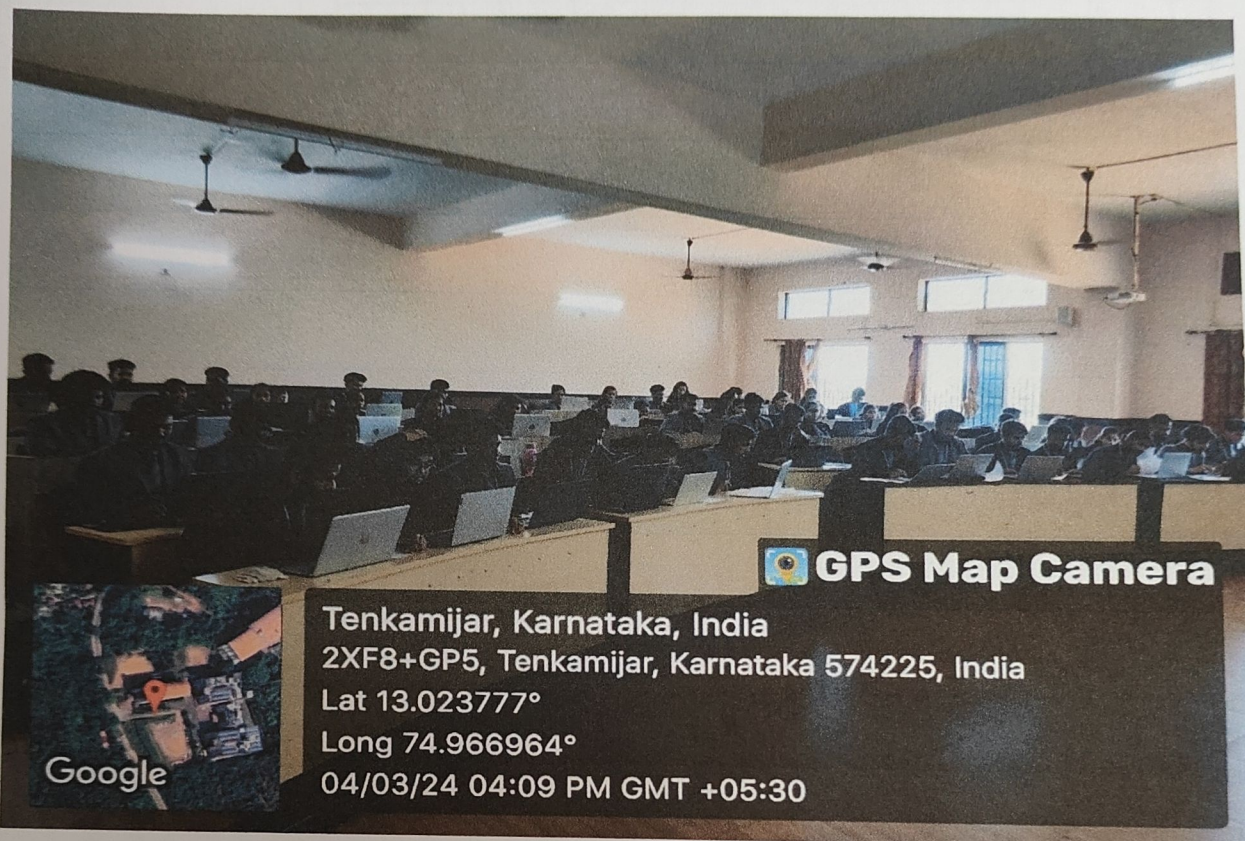
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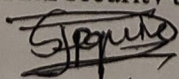


Second year MBA students undergoing ICT training

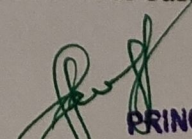
- Microsoft Excel and advance excel is a spreadsheet program that is primarily used to store and make sense of large chunks of data. From sorting the data to performing basic operations, to performing higher-level operations — there's a lot that Excel offers to its users.

With a working knowledge of MS Excel, students will be able to organise and manipulate a large amount of data which can be otherwise time-consuming, mundane and difficult to do. Excel has, over the years, grown to become the skill that manifolds increase one's chances of securing a job. If you're a fresher with knowledge of Excel, you can start your career as an analyst. All in all, MS Excel is a pretty nifty tool — one that has empowered students for years and continues to do so.

- GST is a comprehensive indirect tax that was designed to bring indirect taxation under one umbrella. More importantly, it is going to eliminate the cascading effect of tax that was evident earlier. Cascading tax effect can be best described as 'Tax on Tax'. Designed to simplify the way you work, TallyPrime is your one-stop solution from accounting to GST compliance. A software that is amazingly simple to learn, Tally brings unmatched speed, uncompromising security and utmost flexibility to your business processes.


HOD

PG Dept. of Business Administration
Alva's Institute of Engg. & Technology
Mijar - 574225


PRINCIPAL
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I Year MBA 2023-2024

SL.NO	USN	NAME	SECTION	29/03	01/04	15/04	22/04	27/05	14/06	21/06	28/06	19/08	26/08	02/09	09/09			
1	4AL23BA001	AADARSH V	A	1	2	3	4	5	6	7	8	9	10	11	12			
2	4AL23BA003	ABHISHEK SUNIL MAGDUM	A	1	2	3	4	5	6	7	8	9	10	11	12			
3	4AL23BA011	AKSHAY ACHARYA	A	1	2	3	4	5	6	7	8	9	10	11	12			
4	4AL23BA026	ASHWITHA ALVA A	A	1	2	3	4	5	6	7	8	9	10	11	12			
5	4AL23BA027	AVANTHIKA K	A	1	2	3	4	5	6	7	8	9	10	11	12			
6	4AL23BA036	DAVID LAWRENCE R	A	1	2	3	4	5	6	7	8	9	10	11	12			
7	4AL23BA041	DHANYA PATIL BC	A	1	2	3	4	5	6	7	8	9	10	11	12			
8	4AL23BA045	NAGAVENI N	A	1	2	3	4	5	6	7	8	9	10	11	12			
9	4AL23BA051	HEMAVATHI A M	A	1	2	3	4	5	6	7	8	9	10	11	12			
10	4AL23BA059	KARTHIK	A	1	2	3	4	5	6	7	8	9	10	11	12			
11	4AL23BA068	KOUSHAL RAO T J	A	1	2	3	4	5	6	7	8	9	10	11	12			
12	4AL23BA071	LAKSHA V SHETTY	A	1	2	3	4	5	6	7	8	9	10	11	12			
13	4AL23BA076	MERVIN J KENNEDY	A	1	2	3	4	5	6	7	8	9	10	11	12			
14	4AL23BA077	MONISHA	A	1	2	3	4	5	6	7	8	9	10	11	12			
15	4AL23BA093	POOJARY DEEKSHITA AITHAPPA	A	1	2	3	4	5	6	7	8	9	10	11	12			
16	4AL23BA104	PRIYANKA.P	A	1	2	3	4	5	6	7	8	9	10	11	12			
17	4AL23BA104	PRIYANKA.P	A	1	2	3	4	5	6	7	8	9	10	11	12			
18	4AL23BA105	PUNITH KUMAR U	A	1	2	3	4	5	6	7	8	9	10	11	12			
19	4AL23BA107	RADHIKA M	A	1	2	3	4	5	6	7	8	9	10	11	12			
20	4AL23BA108	RAKSHITH V SHETTY	A	1	2	3	4	5	6	7	8	9	10	11	12			
21	4AL23BA119	RUTHU B K	A	1	2	3	4	5	6	7	8	9	10	11	12			

22	4AL23BA125	SATHWIK K JAIN	A	1	2	3	4	5	6	7	8	9	10	11	12			
23	4AL23BA128	SHARMILA	A	1	2	3	4	5	6	7	8	9	10	11	12			
24	4AL23BA131	SHETTY RASHMI JAYRAM	A	1	2	3	4	5	6	7	8	9	10	11	12			
25	4AL23BA137	SHRAVYA N	A	1	2	3	4	5	6	7	8	9	10	11	12			
26	4AL23BA146	SHWETHA SHENOY	A	1	2	3	4	5	6	7	8	9	10	11	12			
27	4AL23BA158	SURAKSHA.S.RAI	A	1	2	3	4	5	6	7	8	9	10	11	12			
28	4AL23BA165	U K DEEKSHITH	A	1	2	3	4	5	6	7	8	9	10	11	12			
29	4AL23BA170	VIDHISHA	A	1	2	3	4	5	6	7	8	9	10	11	12			
30	4AL23BA174	VINITHA NAYAK	A	1	2	3	4	5	6	7	8	9	10	11	12			
31	4AL23BA175	VIRAJ V ACHARYA	A	1	2	3	4	5	6	7	8	9	10	11	12			

Haushat

ICT Coordinator.



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I Year MBA 2023-2024

PG DEPARTMENT OF BUSINESS ADMINISTRATION

SLNO	USN	NAME	SECTION	03 04	10 04	17 04	24 04	08/ 05	15/ 05	22/ 05	29/ 05	01/ 08	08/ 08	22/ 08	29/ 09			
1	4AL23BA017	ANKITH KUMAR B	B	1	2	3	4	5	6	7	8	9	10	11	A			
2	4AL23BA033	CHARAN PATEL H.M	B	1	2	3	4	5	6	7	8	A	9	10	11			
3	4AL23BA034	CHIRAG SHETTY	B	1	2	3	4	5	6	7	8	9	10	11	12			
4	4AL23BA036	NISHANTH	B	1	2	3	4	5	6	7	8	9	10	11	12			
5	4AL23BA039	DHANUSHA HEGDE	B	1	2	3	4	5	6	7	A	8	9	10	11			
6	4AL23BA043	DINESH	B	1	2	3	4	5	6	7	8	9	10	11	12			
7	4AL23BA047	SHAMPRASAD	B	1	2	3	4	5	6	7	8	9	10	11	12			
8	4AL23BA052	HITHESH S ACHARYA	B	1	2	3	4	5	6	7	8	A	9	10	11			
9	4AL23BA053	JAYALAXMI	B	1	2	3	4	5	6	7	8	9	10	11	12			
10	4AL23BA057	K SHREYA	B	1	2	3	4	5	6	7	8	9	10	11	12			
11	4AL23BA063	KAVYA	B	1	2	3	4	5	6	7	8	9	10	11	12			
12	4AL23BA070	KRUTHIKA T Y	B	1	2	3	4	5	6	7	8	A	10	11	12			
13	4AL23BA073	MANDARA	B	1	2	3	4	5	6	7	8	9	10	11	12			
14	4AL23BA079	NAMITHA BHAT	B	1	2	3	4	5	6	7	8	9	10	11	12			
15	4AL23BA081	NAMRATA ACHARYA	B	1	2	3	4	5	6	7	8	9	10	11	12			
16	4AL23BA083	NATARAJ	B	1	2	3	4	5	6	7	8	9	10	11	12			
17	4AL23BA089	OSWIN PETER LEWIS	B	1	2	3	4	5	6	7	8	9	10	11	12			
18	4AL23BA090	P N THEJAS	B	1	2	3	4	5	6	7	8	9	10	11	12			
19	4AL23BA092	POOJA	B	1	2	3	4	5	6	7	8	9	10	11	12			
20	4AL23BA097	PRAKYATH M SUVARNA	B	1	2	3	4	5	6	7	8	9	10	11	12			

21	4AL23BA099	PRATHVI P	B	1	2	3	4	5	6	A	7	8	9	10	11			
22	4AL23BA100	PRATHYAKSHA	B	1	2	3	A	4	5	6	7	8	9	10	11			
23	4AL23BA101	PREETHAM	B	1	2	A	A	3	4	5	6	7	8	9	10			
24	4AL23BA102	PREETHI HP	B	1	2	3	4	5	6	7	8	9	10	11	12			
25	4AL23BA106	PUNYA K	B	1	2	3	4	5	6	7	8	9	10	11	12			
26	4AL23BA112	RASHMI PRIYA N	B	1	2	3	4	5	6	7	8	9	10	11	12			
27	4AL23BA117	REVAN PINTO	B	1	2	3	4	5	6	7	8	9	10	11	12			
28	4AL23BA120	SANJANA GOVARDHAN	B	1	A	2	3	4	5	6	7	8	9	10	11			
29	4AL23BA134	SHRAVAN	B	1	2	3	4	5	6	7	8	9	10	11	12			
30	4AL23BA135	SHRAVYA ALVA	B	1	2	3	4	A	5	6	A	7	8	9	10			
31	4AL23BA138	SHRESHTA PJ	B	1	2	3	4	A	5	6	7	8	9	10	11			
32	4AL23BA141	SHRIKANTTA RAO	B	1	2	3	4	5	6	7	8	9	10	11	12			
33	4AL23BA143	SHRIVATSA	B	1	2	3	4	5	6	7	8	9	10	11	12			
34	4AL23BA153	SUJAN S GAMASKAR	B	1	2	3	4	5	6	A	7	8	9	10	11			
35	4AL23BA167	VAISHNAVI B SETTY	B	1	2	3	4	5	6	7	8	9	10	11	12			
36	4AL23BA172	VIKIL SHETTY	B	1	2	3	4	5	6	7	8	9	10	11	12			
37	4AL23BA178	YASHRAJ	B	1	2	3	4	5	6	7	8	9	10	11	12			
38	4AL23BA179	YASHASWINI B.R	B	1	2	3	4	5	6	A	7	8	9	10	12			
39	4AL23BA180	YASHWIN	B	1	2	3	4	5	6	7	8	9	10	11	12			

Handwritten signature
ICT Coordinator



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I Year MBA 2023-2024

PG DEPARTMENT OF BUSINESS ADMINISTRATION

SL.NO	USN	NAME	SECTION	20/03	05/04	12/04	19/04	10/05	17/05	24/05	02/06	09/06	16/06	07/07	14/07			
1	4AL23BA006	AJITHA	C	1	2	3	4	5	6	7	8	9	10	11	12			
2	4AL23BA008	AKSHATA BHUMAR	C	1	2	3	4	5	6	7	8	9	10	A	11			
3	4AL23BA009	AKSHATHA	C	1	2	3	4	5	6	7	8	9	10	11	12			
4	4AL23BA016	ANANYA SARASWATHI	C	1	A	2	3	4	5	6	7	8	9	10	11			
5	4AL23BA018	ANUJNA M	C	1	2	3	4	5	6	7	8	9	10	11	12			
6	4AL23BA025	ASHWIN M NAIR	C	1	2	3	4	5	6	7	8	9	10	11	A			
7	4AL23BA030	BHRAMARI S J	C	1	2	3	4	5	6	7	8	9	10	11	12			
8	4AL23BA031	BHUVAN S KUMAR BIRADAR	C	1	2	3	A	4	5	6	7	8	9	10	11			
9	4AL23BA032	CHANNAVEER	C	1	2	3	4	5	6	7	8	9	A	10	11			
10	4AL23BA035	DARSHAN B S	C	1	2	3	4	5	6	7	8	9	10	11	12			
11	4AL23BA037	DEEPAK P NAYAK	C	1	2	3	4	5	6	7	8	A	9	10	11			
12	4AL23BA038	DHANUSH K S	C	1	2	3	4	5	6	7	8	9	10	11	12			
13	4AL23BA042	DHEERAJ	C	1	2	3	4	5	6	7	8	9	10	11	12			
14	4AL23BA049	HARSHITH KUMAR	C	1	2	3	4	5	6	7	8	9	10	11	12			
15	4AL23BA054	JITHESH R D	C	1	2	3	4	5	6	7	8	9	10	11	12			
16	4AL23BA056	K R VIVEK	C	1	2	3	4	5	6	7	8	9	10	11	12			
17	4AL23BA058	K SWATHI SHENOY	C	1	2	3	4	5	6	7	A	8	9	10	11			
18	4AL23BA062	KARUNYA	C	1	2	3	4	5	6	7	8	9	10	11	12			
19	4AL23BA074	MANJUNATHA H J	C	1	2	3	4	5	6	7	8	A	9	10	11			
20	4AL23BA080	NAMITHA MARIA A	C	1	2	3	4	5	6	7	8	9	10	11	12			

21	4AL23BA085	NIKITHA D	C	1	2	3	4	5	6	7	8	9	10	11	A	12			
22	4AL23BA088	NITISH PARASHURAM DODAWAD	C	1	2	3	4	5	6	7	8	9	A	10	11				
23	4AL23BA091	PAVANEETH KUMAR	C	1	A	A	2	3	4	5	6	7	8	9	10				
24	4AL23BA095	PRAHITH P SHETTY	C	1	2	3	4	5	6	7	8	9	10	11	12				
25	4AL23BA096	PRAJWAL	C	1	2	3	4	5	6	7	8	9	10	11	12				
26	4AL23BA098	PRANAY SHETTY	C	1	2	3	A	4	5	6	7	8	9	10	11				
27	4AL23BA103	PREKSHA B SHETTY	C	1	2	3	A	4	5	6	7	8	9	A	10				
28	4AL23BA109	RAKSHITHA K S	C	1	2	3	4	5	6	7	8	9	10	11	12				
29	4AL23BA114	RASHMITHA	C	1	2	3	4	5	6	7	8	9	10	11	12				
30	4AL23BA115	RATHAN KUMAR	C	1	2	3	4	5	6	7	8	9	10	11	12				
31	4AL23BA116	RESHMA	C	1	A	2	3	4	5	6	7	8	9	10	11				
32	4AL23BA118	ROHITH	C	1	2	3	4	5	6	7	8	9	10	11	12				
33	4AL23BA122	SANJUKTHA SHETTY	C	1	2	3	4	A	5	6	7	8	9	10	11				
34	4AL23BA124	SANKIRAN	C	1	2	3	4	5	6	7	A	8	9	10	11				
35	4AL23BA126	SHANTANU B POOJARY	C	1	A	2	3	4	5	6	7	8	9	10	11				
36	4AL23BA127	SHARANYA H V	C	1	2	3	4	5	6	7	8	9	10	11	12				
37	4AL23BA133	SHRAJAN B KANCHAN	C	1	2	3	A	4	5	6	7	8	9	10	11				
38	4AL23BA147	SINDHU RAGUPATHI BHAT	C	1	2	3	4	5	6	7	8	9	10	11	12				
39	4AL23BA150	SRINIDHI	C	1	2	3	4	5	6	A	7	8	9	10	11				
	4AL23BA152	SUJAN M P	C	1	2	3	A	A	4	5	6	7	8	9	10				
	4AL23BA159	SUSHAN S SHETTY	C	1	2	3	4	5	6	7	8	9	10	11	12				
	4AL23BA164	TILAK	C	1	2	3	4	5	6	7	8	9	10	11	A				
	4AL23BA166	VAISHNAVI	C	1	2	3	4	5	6	7	8	9	10	11	12				
	4AL23BA171	VIGNESH	C	1	2	3	4	5	6	7	8	9	A	10	11				
	4AL23BA173	VINAYAK HANAMANTHRAO KULKARNI	C	1	2	3	4	5	6	7	8	9	A	A	10				

Handwritten signature
ICT Coordinator.

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PRINCIPAL
Alva's Institute of Engg. & Technology,
Mijar, MOODUBIDRI - 574 225, U.K

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HOD
PG Dept. of Business Administration
Alva's Institute of Engg. & Technology
Mijar - 574225



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Shobhavana Campus, Mijar-574225, Moodbidri, D.K., Karnataka
Ph: 08258-262725; Mob:722262724,7026262725,mail:principalaiet08@gmail.com

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Training Topic: ICT

Date: 10/05/2024

Trainer: Keonics training

Sl No.	Particulars	Strongly Agree	Agree	Indifferent	Disagree	Strongly Disagree
1.	The presentation was related to the topic quoted		✓			
2.	The topic was presented in an organized manner			✓		
3.	The program was well planned within the allotted time			✓		
4.	The Speaker was knowledgeable on the topic			✓		
5.	The speaker was a good communicator		✓			
6.	I will recommend this speaker to handle topics in our programme		✓			
7.	I would be interested in attending a follow-up, more advanced presentations on this same subject/topic in future.	✓				

Thank You!

4AL22BA079



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SHRI DEVIPRASAD COMPUTER TRAINING CENTRE

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(Franchisee of KEONICS)



This is to certify that

CIONA VILCEETA PEREIRA

Register No. 4AL22BA017 has successfully completed the Course of
E-FINANCE during the period between 15-03-2023 to 20-07-2023 (72 Hours)

Conducted by

Study Centre: Shri Deviprasad Computer Training Centre, Moodbidri

Date: 03-09-2023

Training Centre Head
Shri Deviprasad Computer
Training Center

HOD
PG Department of Business
Administration

Principal
AIET
Moodbidri



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PG DEPARTMENT OF BUSINESS ADMINISTRATION

AIET/MBA/2023-24/

16-02-2024

To
IQAC
Chairman
AIET, Mijar

Respected Sir,

Subject: Permission to conduct the Workshop on Research Methodology

PG Department of Business Administration has decided to conduct one day workshop on "Research Methodology" by Ms. Riha Khan, Research Scholar, Srinivas University for I Year MBA students (Batch 2023-25) on 20th February 2024 from 09.30AM to 5.00PM in MBA seminar hall.

Date	Time	Topic	Resource Person
20-02-2024	9:30AM to 5:00PM	Research Methodology	Ms. Riha Khan, Research Scholar, Srinivas University

Thanking you.

Yours sincerely

HOD

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Alva's Institute of Engg. & Technology
Mijar - 574225

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Shobhavana Campus, Mijar-574225, Moodbidri, D.K., Karnataka

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PG DEPARTMENT OF BUSINESS ADMINISTRATION

AIET/MBA/2023-24/

Date-15/02/2024

CIRCULAR

This is to inform all the first year MBA students that there is a session on “**Research Methodology**” by Ms Rhia Khan, Research Scholar, Srinivas University, Mangalore on 20th Feb 2024 from 09.30AM -05:00PM in MBA Seminar Hall. It is mandatory for all the students to attend it without fail.

HOD

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Mob:722262724,7026262725, mail:principalaiet08@gmail.com

PG DEPARTMENT OF BUSINESS ADMINISTRATION

REPORT ON IMPORTANCE AND METHODOLOGY OF RESEARCH

Date: February 19,2024

Resource Person: Ms. Riha Khan, Research Scholar, Srinivas University

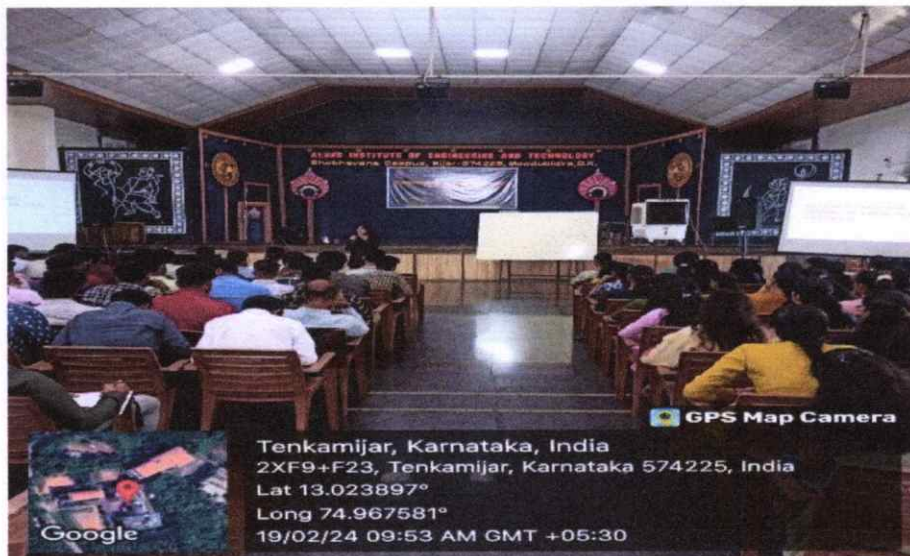
Venue: Auditorium

This report details the guest lecture delivered by Ms. Riha Khan, a research scholar at Srinivas University, Mangalore. The lecture, titled "**Importance and Methodology of Research**," was held on February 20, 2024, in the institute's auditorium for first-year Master of Business Administration (MBA) students.

Objectives:

The primary objectives of the guest lecture were:

- To introduce and emphasize the importance of research in the field of management.
- To equip students with a basic understanding of the research process, including data collection, analysis, and hypothesis testing.
- To provide insights into effective report writing for research projects.



Session on Importance and Methodology of Research



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Shobhavana Campus, Mijar-574225, Moodbidri, D.K., Karnataka

Ph:08258-262725; Mob:722262724,7026262725, mail: principalaiet08@gmail.com

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Ms. Khan presented a comprehensive and engaging lecture, covering the following key aspects:

- **Definition and types of research:** Ms. Khan began by defining research and differentiating between various research methods, such as quantitative, qualitative, and mixed-methods approaches.
- **Need for research in management:** She highlighted the crucial role of research in advancing management knowledge, informing decision-making, and solving practical problems faced by organizations.
- **Research process:** Ms. Khan elaborated on the various stages of the research process, including:
 - Formulating a research question or hypothesis.
 - Conducting a literature review to understand existing knowledge.
 - Selecting appropriate research methods for data collection (surveys, interviews, etc.).
 - Data analysis using statistical tools and techniques.
 - Testing hypotheses and interpreting results.
 - Drawing conclusions and recommendations.
- **Data collection and analysis techniques:** Ms. Khan provided an overview of common data collection methods and introduced essential statistical tools used in analyzing data, including descriptive statistics, hypothesis testing, and correlation analysis.
- **Report writing:** She emphasized the importance of clear and concise report writing in research, offering guidance on structuring a research report, including introduction, literature review, methodology, results, discussion, and conclusion.



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Key outcomes of the lecture include:

- Enhanced understanding of the importance and application of research in the management field.
- Increased awareness of the research process and its various stages.
- Improved knowledge of data collection methods, analysis techniques, and report writing skills.
- Inspired students to consider potential research topics and undertake research projects in the future.

Conclusion:

The guest lecture by Ms. Riha Khan was highly successful in achieving its objectives. It provided valuable insights into the crucial role of research in management and equipped students with foundational knowledge and practical skills necessary for conducting and reporting research effectively. We believe this lecture will significantly contribute to the academic development of our first-year MBA students and potentially ignite a passion for research in their future endeavors.

Total of 160 students benefited from this session.


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PG DEPARTMENT OF BUSINESS ADMINISTRATION

Venue: Auditorium

Date: 19-02-2024

Research Methodology

By Ms. Rhia Khan

Research Scholar, Srinivas University

I YEAR MBA - 2022-25 BATCH

S No	STUDENT NAME	SIGNATURE
1	AADARSH VISWAMBHARAN	
2	ABHISHEK SUNIL MAGADUM	
3	ADARSH	
4	ADARSH A KULAL	
5	AJITHA	
6	AKASH S PRABHU	
7	AKSHATA BHUMAR	
8	AKSHATHA	
9	AKSHAY	
10	AKSHAY P ACHARYA	
11	AMRUTHA	
12	ANANYA A KOTEGAR	
13	ANANYA S SHETTY	
14	ANANYA SARASWATHI	
15	ANUJNA M	
16	ANUPA HEGDE	
17	ANUSHA	
18	ANUSHREE	
19	ARADYA JAIN A	
20	ARAHANTH BALLAL	
21	ARJUN S V	
22	ASHWIN M NAIR	
23	ASHWITHA ALVA A	
24	AVANTHIKA K	
25	BABITHA GOVEAS	
26	BHRAMARI S J	
27	BHUVAN KUMAR S BIRADAR	
28	CHANNVEER	
29	CHIRAG SHETTY	
30	DARSHAN B S	

31	DAVID LAWRENCE R	
32	DEEPAK P NAYAK	Deepak
33	DHANUSH K S	
34	DHANUSHA HEGDE	
35	DHANYA POOJARY	
36	DHEERAJ	Dheeraj
37	DINESH VITTAL NAYAK	Dinesh
38	DISHAN D POOJARY	
39	G SHRINIDHI	G Shrinidhi
40	GOWTHAMI	Gowthami
41	GURUPRASAD M	Guruprasad
42	H G SHAMPRASAD	H G Shampasad
43	H NAVYA	Navya
44	HARSHITH KUMAR	
45	HITHESH S ACHARYA	Hithesh S.A
46	JITHESH R D	Jithesh
47	JOSITH P SHETTY	Josith
48	K R VIVEK	K.R.Vivek
49	K SWATHI SHENOY	Swathi Sheno
50	K. SHREYA	
51	KARTHIK	Karthik
52	KARTHIK S	Karthik S
53	KARTIK SUNDAR SALIAN	Kartik Sundar
54	KARUNYA	Karunya
55	KAVYA	Kavya
56	KEDHAR KAMATH	Kedhar Kamath
57	KEERTHAN	Keerthan
58	KEERTHI	Keerthi
59	KOTIAN LIKHITH SACHINDRA	K.Likith
60	KOUSHAL RAO T J	Koushal Rao
61	KRUTHIKA T Y	Kruthika T.Y
62	LAKSHA V SHETTY	Lakshya
63	MAHAMMED FAROOQ	Mahammed
64	MANDARA	Mandara
65	MANJUNATHA H J	Manjunatha
66	MANOHARA T GOWDA	Manohara T.Gowda
67	MERVIN J KENNEDY	Mervin J
68	MONISHA	Monisha
69	NAMITHA BHAT	Namitha
70	NAMITHA MARIA A	Namitha
71	NAMRATA ACHARYA	Namrata
72	NAMRUTH	Namruth
73	NATARAJ J	Nataraj J
74	NAVYA V ANCHAN	Navya
75	NIKITHA D	Nikitha
76	NISHANTH S SAPALIGA	Nishanth
77	NISHMITHA SHETTY	Nishmitha
78	NITISH PARASHURAM DODAWAD	Nitish
79	OSWIN PETER LEWIS	Oswin
80	P N THEJAS	Thejas

81	PAVAN KETH KUMAR	<u>Pavan</u>
82	POOJA	<u>Pooja V</u>
83	POOJARY MANISHA HARISCHANDRA	<u>Manisha</u>
84	PRAHITH P SHETTY	<u>Prahith</u>
85	PRAJWAL	<u>Praj</u>
86	PRAKHYATH M SUVARNA	<u>Prakhyath</u>
87	PRATHVI P	<u>Prathvi</u>
88	PRATHYAKSHA	<u>Prathyaksha</u>
89	PREETHAM	<u>Preetham</u>
90	PREETHI H P	<u>Preethi</u>
91	PREKSHA B SHETTY	<u>Preksha</u>
92	PUNITH KUMAR U	<u>Punith</u>
93	PUNYA K	<u>Punya K</u>
94	RADHIKA M	<u>Radhika</u>
95	RAKSHITHA K S	<u>Rakshitha</u>
96	RAMYA	<u>Ramya</u>
97	RANJITHA	<u>Ranjitha</u>
98	RASHMI R SHETTY	<u>Rashmi</u>
99	RATHAN KUMAR	<u>Rathan</u>
100	RESHMA	<u>Reshma</u>
101	REVAN PINTO	<u>Revan</u>
102	ROHITH	<u>Rohith</u>
103	RUTHU B K	<u>Ruthu B K</u>
104	SANJU M	<u>Sanju</u>
105	SANJUKTHA SHETTY	<u>Sanjuktha Shetty</u>
106	SATHWIK K JAIN	<u>Sathwik</u>
107	SHANTANU B POOJARY	<u>Shantanu</u>
108	SHARANYA H V	<u>Sharanya</u>
109	SHARMILA	<u>Sharmila</u>
110	SHEEKA	<u>Sheeka</u>
111	SHETTY PRATIK PRATAP	<u>Pratik</u>
112	SHETTY SUNI DIWAKAR	<u>Suni</u>
113	SHRAJAN B KANCHAN	<u>Shrajan</u>
114	SHRAVAN	<u>Shraavan</u>
115	SHRAVYA	<u>Shravya</u>
116	SHRAVYA	<u>Shravya</u>
117	SHRAVYA N	<u>Shravya</u>
118	SHRESHTA P J	<u>Shreshtha</u>
119	SHREYA	<u>Shreya</u>
120	SHREYAS	<u>Shreyas</u>
121	SHRIKANTTA RAO	<u>Shrikantta</u>
122	SHRIRAKSHA	<u>Shriraksha</u>
123	SHRIVATSA GANGADHAR HEGDE	<u>Shrivatsa</u>
124	SHUBHASHREE	<u>Shubhashree</u>
125	SHWETHA SHENOY	<u>Shwetha</u>
126	SINDHU RAGHUPATI BHAT	<u>Sindhu</u>
127	SRASHTI K	<u>Srashti K</u>
128	SRINIDHI	<u>Srinidhi</u>
129	SUBHASH C P	<u>Subhash</u>
130	SUJAN M P	<u>Sujan M.P.</u>

131	SUJAN SHETTY	<u>Sujan Shetty</u>
132	SURAJ	<u>Surya R</u>
133	SURAKSHA	<u>Suraksha</u>
134	SURAKSHA DEVADIGA	<u>Suraksha</u>
135	SURAKSHA S RAI	<u>Suri</u>
136	SUSHAN S SHETTY	<u>Sushan S</u>
137	SUVARNA ADITI	<u>Aditi</u>
138	SWAPNA S KULAL	<u>Sw</u>
139	SWATHI S	<u>Swathi</u>
140	THANVI C SUVARNA	<u>Thanvi</u>
141	TILAK	<u>Tilak</u>
142	VAISHNAVI	<u>Vaishnavi Shetty</u>
143	VAISHNAVI B SHETTY	<u>Vaishnavi</u>
144	VAISHNAVI V SALIYAN	<u>Vaishnavi</u>
145	VARSHA	<u>Varsha</u>
146	VIDHISHA	<u>Vidhisha</u>
147	VIGNESH	<u>Vignesh</u>
148	VIKIL V SHETTY	<u>Vikil</u>
149	VINAYAK HANAMANTHRAO KULKARNI	<u>Vinayak</u>
150	VINITHA NAYAK	<u>Vinitha</u>
151	VISHWANATHA	<u>Vishwanath</u>
152	YAKSHITH SHETTY	<u>Yakshith</u>
153	YASHASWINI B R	<u>Yashaswini</u>
154	YASHRAJ. E	<u>Yashraj</u>
155	YASHWIN	

Poojary Deekshita Aithappa

Nagaveni: N

Rashmi Priya. N.

U.K. Deekshith.

Pranay Shetty

Vijay V. Acharya

Sankeertheen

Sujan S Gamskar

Deekshita

Nagaveni

Rashmi

Deekshith

Pranay

Vijay V. Acharya

Sankeerth

Sujan

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Institute of Engg. & Technology
Mijar - 574225

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Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K



Alva's Institute of Engineering & Technology
Shobhavana Campus, Mijar, Moodbidri, D.K – 574225
Phone: 08258-262725, Fax: 08258-262726

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Training Topic : Research Methodology

Date : 20/02/2024

Trainer : Ms Rhia. Khan

Sl No.	Particulars	Strongly Agree	Agree	Indifferent	Disagree	Strongly Disagree
1.	The presentation was related to the topic quoted		✓			
2.	The topic was presented in an organized manner	✓				
3.	The program was well planned within the allotted time		✓			
4.	The Speaker was knowledgeable on the topic	✓				
5.	The speaker was a good communicator		✓			
6.	I will recommend this speaker to handle topics in our programme		✓			
7.	I would be interested in attending a follow-up, more advanced presentations on this same subject/topic in future.	✓				

Thank You!


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Ph: 08258-262725; Mob: 722262724, 7026262725, mail: principalaiet08@gmail.com

PG DEPARTMENT OF BUSINESS ADMINISTRATION

05-12-2023

To

IQAC Chairman

AIET, Mijar

Respected Sir,

Sub: Permission to Conduct a Workshop on Data Analysis using SPSS & AMOS.

This is to inform you that, the PG Department of Business Administration has decided to conduct the “Workshop on Data Analysis using SPSS & AMOS” by Dr. Niyaz Panakaje, Associate Professor & Coordinator, Yen-Refined, YIASCM, Yenepoya (Deemed to be University), Mangaluru for II Year MBA students (Batch 2022-24) on 7th December 2023. Kindly request you to permit us to conduct the program.

Date	Resource Person	Venue
07-12-2023	Dr. Niyaz Panakaje, Associate Professor & Coordinator, Yen-Refined, YIASCM, Yenepoya (Deemed to be University), Mangaluru	MBA Seminar Hall

Thanking you.

Yours sincerely

HOD

PG Dept. of Business Administration
Alva's Institute of Engg. & Technology
Mijar - 574225

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Alva's Institute of Engg. & Technology,
Mijar, MOODBIDRI - 574 225, D.K



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PG DEPARTMENT OF BUSINESS ADMINISTRATION

AIET/MBA/ID/171

06-12-2023

CIRCULAR

It is hereby informed to all the II year MBA students to attend the “Workshop on Data Analysis using SPSS & AMOS” by Dr. Niyaz Panakaje, Associate Professor & Coordinator, Yen-Refined, YIASCM, Yenepoya (Deemed to be University), Mangaluru on 7th December 2023 in MBA Seminar Hall without fail.

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SYLLABUS ON SPSS & AMOS

Sl.No	Topics
1	Introduction to SPSS <ul style="list-style-type: none">• Overview of SPSS interface• Data entry and importing• Data cleaning and manipulation• Descriptive statistics
2	Inferential Statistics with SPSS <ul style="list-style-type: none">• Parametric and non-parametric tests (t-tests, ANOVA, chi-square)• Correlation analysis• Regression analysis
3	Advanced SPSS Techniques <ul style="list-style-type: none">• Factor analysis• Cluster analysis• MANOVA
4	Introduction to AMOS <ul style="list-style-type: none">• Understanding SEM and its applications• Basics of path diagrams and model building in AMOS• Specifying, estimating, and evaluating SEM models



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REPORT ON DATA ANALYSIS USING SPSS AND AMOS

Date: DEC 07, 2023

Time: 9:00 AM

Trainer: Dr Niyaz Panakaje

Venue: Auditorium

Objectives:

The objective of studying data analysis using SPSS (Statistical Package for the Social Sciences) and AMOS (Analysis of Moment Structures) is to acquire a comprehensive set of analytical skills and tools for conducting robust statistical analyses and structural equation modelling.

To equip participants with comprehensive skills and knowledge in utilizing advanced statistical techniques for robust data interpretation and model testing.

To Develop a proficient understanding of SPSS software to efficiently manage, clean, and pre-process diverse datasets.



Session by Dr Niyaz Panakaje

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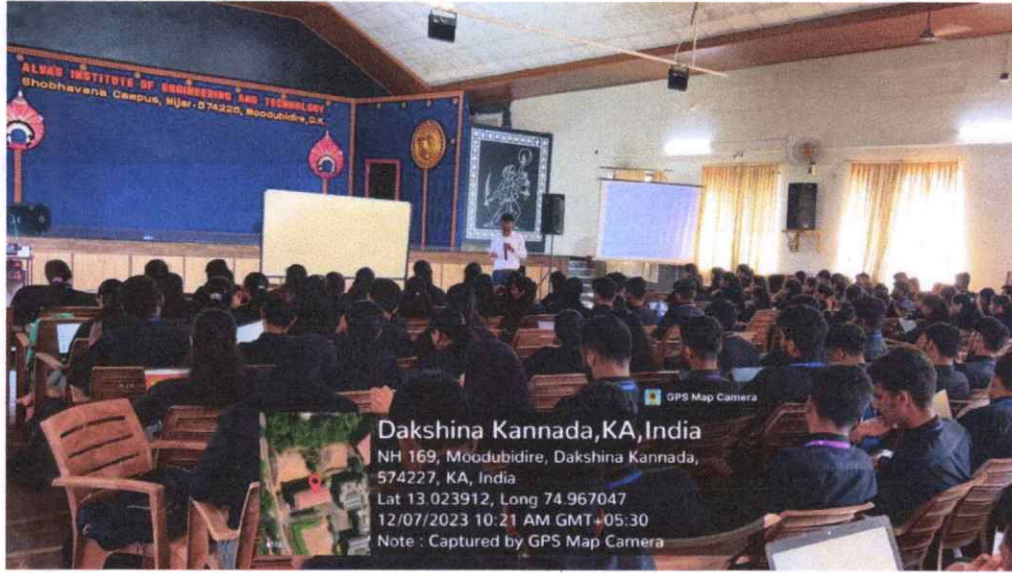
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The training programme involved demo of different kinds of tools which are used in research. Students were able to get the hands on experience using SPSS and AMOS software. Students were able to learn measurement of scale, Hypothesis Testing, Percentage Analysis, Descriptive statistics, Normal Distribution, Chi-square Test, Analyse- Correlation-Bivariate- Purchase intention, Analyse-Regression -Linear Programming- Dependent and Independent Variable. Through hands-on sessions and practical applications, students demonstrated a significant improvement in their ability to manipulate and interpret data. The integration of SPSS facilitated efficient data management and statistical analysis, while AMOS provided a robust platform for structural equation modelling. All the III Semester MBA students attended the session.



Session by Dr Niyaz Panakaje

OUTCOMES:

- ❖ Students gained comprehensive understanding of the basic concepts of using SPSS and AMOS
- ❖ Students were able to design research studies, formulate hypotheses, and using appropriate statistical methods. They were able to understand the importance of statistical tests in drawing meaningful conclusions from data.



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- ❖ Students were able to get skills in structural equation modelling (SEM) using AMOS, enabling them to analyse complex relationships among variables in their research.
- ❖ Proficiency in SPSS and AMOS can serve as a solid foundation for further studies in statistics, data science, or related fields.

Total of 120 students benefited from this session.

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To
IQAC Chairman
AIET, Mijar.

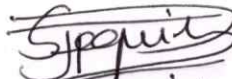
Respected Sir

Sub: Request to permit us to conduct workshop on "Mendeley Reference Manager" for II year MBA Students - 2022-24 batch.

PG Department of Business Administration is conducting workshop on Mendeley Reference Manager for II year MBA Students - 2022-24 batch on 15th June 2024. In this regard, we would kindly request you to permit us to conduct the program in MBA class Room no.003.

Resource person: Mr. Neeraj Rai, Research Scholar, TAPMI, Manipal


Coordinator


HOD

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Ph: 08258-262725; Mob:722262724,7026262725,mail:principalaiet08@gmail.com

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AIET/MBA/ID/051

Date:15-06-2024

CIRCULAR

It is hereby informed to all the II year MBA students to attend workshop on “**Mendeley Reference Manager**” by Mr. Neeraj Rai is a Research scholar on 15th June 2024 from 11:00am to 12:40pm in MBA class Room No.003 without fail.

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PG DEPARTMENT OF BUSINESS ADMINISTRATION

REPORT ON MENDELEY REFERENCE MANAGER SESSION

Date: 15.06.2024

Resource Person: Mr. Neeraj S. Rai, Research Scholar, TAPMI, Manipal

Venue: MBA Class Room no. 003

Objectives:

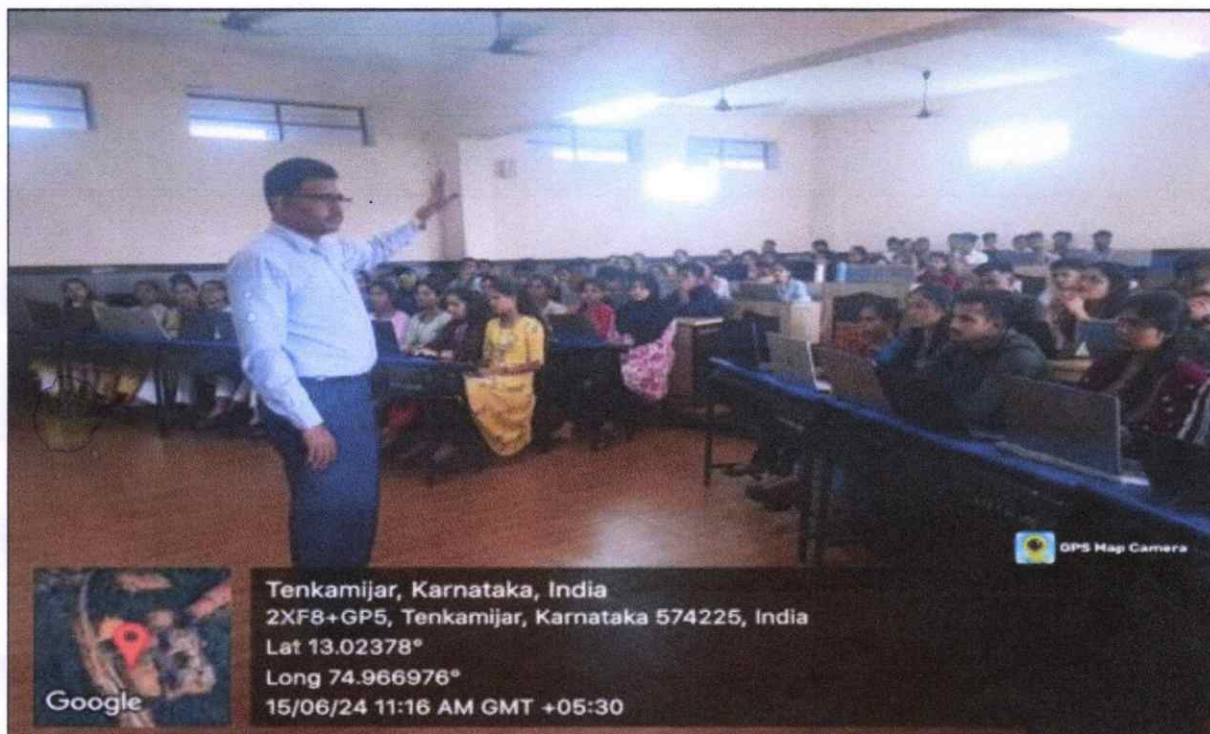
To create awareness on using Mendeley Reference Manager

PG Department of Business Administration organized a session on Mendeley Reference Manager on 15th June 2024. Mr. Neeraj Rai, Research Scholar, TAPMI, Manipal was the resource person. The resource person discussed about the importance of research for students. He opined that Mendeley is a powerful reference manager and academic social network that helps researchers organize their research, collaborate with others, and discover the latest developments in research field.

Discussing about uses of mendeley reference manager, Mr. Neeraj said one can easily import references from databases, catalogs, or PDFs. It allows researchers to insert citations directly into research documents using word processors like Microsoft Word and LibreOffice.

The resource person conducted hands on session on using Mendeley reference manager software and showed how one can generate a bibliography in various citation styles (APA, MLA, Chicago, etc.) with just a few clicks. The session concluded with students generating a report using mendeley reference manager.

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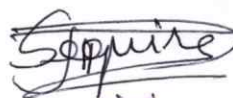


Session by Neeraj S. Rai on Mendeley

OUTCOMES:

- Students were able to understand use of mendeley reference manager.
- Students were able to use mendeley reference manager software with ease.

Total 118 students benefitted from the session



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Date:15-06-2024

Workshop On Mendeley Reference Manager			
HR - MARKETING			Signature
Sl.No	USN NO	NAME	
1	4AL22BA008	Amisha devadiga	Amisha devadiga
2	4AL22BA024	Dhruvakumar AV	Dhruvakumar AV
3	4AL22BA029	Prerna Hegde	Prerna Hegde
8	4AL22BA051	Nithya R S	Nithya R S
4	4AL22BA077	Rashmitha	Rashmitha
5	4AL22BA085	Sathyajit H Rao	Sathyajit H Rao
6	4AL22BA091	Shraddha S Shetty	Shraddha S Shetty
7	4AL22BA112	Suzana sheikh	Suzana sheikh
FINANCE MARKETING			Signature
Sl.No	USN NO	NAME	
1	4AL22BA003	Adarsh	Adarsh
2	4AL22BA023	Dhanush. K	Dhanush. K
3	4AL22BA034	K.Abhay.Pai	K.Abhay.Pai
4	4AL22BA036	Keerthan	Keerthan
5	4AL22BA045	NANDA DS	NANDA DS
6	4AL22BA047	Naveen	Naveen
7	4AL22BA050	Nithya	Nithya
8	4AL22BA052	Pooja	Pooja
9	4AL22BA053	Pooja C	Pooja C
10	4AL22BA059	Prajwal	Prajwal
11	4AL22BA068	PRUTHVIRAJ	PRUTHVIRAJ
12	4AL22BA076	Ramyashree	Ramyashree
13	4AL22BA081	Samyak Jain	Samyak Jain
14	4AL22BA083	Sanketh S	Sanketh S
15	4AL22BA087	Sharanya Shetty	Sharanya Shetty
16	4AL22BA088	Shashikumar Ramanna Bangi	Shashikumar Ramanna Bangi
17	4AL22BA089	Shodhan jain	Shodhan jain
18	4AL22BA096	Shreshtha Jain	Shreshtha Jain
19	4AL22BA098	Shreya Jain	Shreya Jain
20	4AL22BA100	Shreyas H Devadiga	Shreyas H Devadiga
21	4AL22BA107	Srushti	Srushti
22	4AL22BA109	Suman B	Suman B

4AL22BA056 Prahlad.V.Acharya



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23	4AL22BA111	Suvith shetty	<i>Suvith</i>
24	4AL22BA113	Swathi	<i>Swathi</i>
25	4AL22BA116	Vikas D K	<i>Vikas</i>
26	4AL22BA119	Yashwith B Shetty	<i>Yashwith</i>
BUSINESS ANALYTICS			
1	4AL22BA002	ABIN K P	<i>Abin</i>
2	4AL22BA016	Chirag	<i>Chirag</i>
3	4AL22BA017	CIONA VILCEETA PEREIRA	<i>Ciona</i>
4	4AL22BA027	Greeshma	<i>Greeshma</i>
5	4AL22BA028	Harshitha	<i>Harshitha</i>
6	4AL22BA032	Hrushitha	<i>Hrushitha</i>
7	4AL22BA033	Jenisha Lasrado	<i>Jenisha</i>
8	4AL22BA038	Krithik km	<i>Krithik</i>
9	4AL22BA041	Megha	<i>Megha</i>
10	4AL22BA046	Navaneeth gore	<i>Navaneeth Gore</i>
11	4AL22BA049	Nithin J Poojary	<i>Nithin</i>
12	4AL22BA057	Prajeetha Shetty	<i>Prajeetha Shetty</i>
13	4AL22BA061	Pranava Swaroopa	<i>Pranava</i>
14	4AL22BA063	PRASHANTHA G	<i>Prashantha</i>
15	4AL22BA064	Prathiksha	<i>Prathiksha</i>
16	4AL22BA067	Pruthvika B G	<i>Pruthvika</i>
17	4AL22BA072	Rakshith jain	<i>Rakshith</i>
18	4AL22BA078	Rithesh B	<i>Rithesh</i>
19	4AL22BA082	Sandeep Raviprasad Acharya	<i>Sandeep</i>
20	4AL22BA084	Sapan	<i>Sapan</i>
21	4AL22BA094	Shravan Acharya	<i>Shravan</i>
22	4AL22BA097	Shreya	<i>Shreya</i>
23	4AL22BA099	Shreya Kava	<i>Shreya</i>
24	4AL22BA101	Shrutha D shetty	<i>Shrutha</i>
25	4AL22BA102	Shushank jain	<i>Shushank</i>
26	4AL22BA110	Supritha	<i>Supritha</i>
27	4AL22BA114	TEKOJI JAYAPPA SILLIKYATAR	<i>Tekoji</i>



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28	4AL22BA117	Vineeth v devadiga	
29	4AL22BA120	Yogish	
		CORE FINANCE	
1	4AL22BA001	ABHIRAJ K V	
2	4AL22BA004	Akshari shetty	
3	4AL22BA006	Akshitha M	
4	4AL22BA009	Apoorva	
5	4AL22BA010	Ashwitha Shetty	
6	4AL22BA012	Bhoomika	
7	4AL22BA014	Chaitra	
8	4AL22BA019	Deekshitha rani k	
9	4AL22BA022	Dhanush	
10	4AL22BA025	Divyashree	
11	4AL22BA035	Kavya	
12	4AL22BA044	Muniraju S	
13	4AL22BA055	Poojary Vinisha Vishwanath	
14	4AL22BA058	Prajna	
15	4AL22BA060	Pramod	
16	4AL22BA069	Rachana Shenoy	
17	4AL22BA070	RAJENDRA PRASAD K B	
18	4AL22BA071	Rakshith	
19	4AL22BA073	Rakshith Shetty	
20	4AL22BA074	Rakshitha	
21	4AL22BA090	Shraddha.m	
22	4AL22BA106	SRIKANTH N	
23	4AL22BA115	Thrupthi	
		FINANCE HR	
1	4AL22BA005	Akshatha.B.Mali	
2	4AL22BA007	Alisha Maria	
4	4AL22BA011	Ayesha Ibrahim	



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5	4AL22BA013	Bhoomika DR	
6	4AL22BA015	Chethan	
7	4AL22BA018	Deekshitha.N	
8	4AL22BA020	Deepthi	
9	4AL22BA021	Deepthi Kumari	
10	4AL22BA026	Fiza. S shaikh	
11	4AL22BA030	Helan K.J	
12	4AL22BA031	Hithesh	
13	4AL22BA037	Kishan Kumar	
14	4AL22BA039	Kruti K S	
15	4AL22BA040	Maithri R Shetty	
16	4AL22BA042	Meghana G U	
17	4AL22BA043	Monica M	
18	4AL22BA048	Nireeksha	
19	4AL22BA054	Pooja ks	
20	4AL22BA062	Praneetha J H	
21	4AL22BA065	Prathiksha Shetty	
22	4AL22BA066	Priyanka R	
23	4AL22BA075	RAMESH	
24	4AL22BA079	Sahana	
25	4AL22BA080	Sahithya	
26	4AL22BA086	Shama	
27	4AL22BA092	Shraddha Shetty	
28	4AL22BA093	Shramya	
29	4AL22BA095	Shreni C S	
30	4AL22BA103	Sindhu Shiva Kharvi	
31	4AL22BA104	Soujanya	
32	4AL22BA105	Sowndarya	
33	4AL22BA108	Sudeeksha S Shetty	
34	4AL22BA118	Vinutha C	

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7	4AL22BA018	Deekshitha.N	
8	4AL22BA020	Deepthi	
9	4AL22BA021	Deepthi Kumari	
10	4AL22BA026	Fiza. S shaikh	
11	4AL22BA030	Helan K.J	
12	4AL22BA031	Hithesh	
13	4AL22BA037	Kishan Kumar	
14	4AL22BA039	Kruti K S	
15	4AL22BA040	Maithri R Shetty	
16	4AL22BA042	Meghana G U	
17	4AL22BA043	Monica M	
18	4AL22BA048	Nireeksha	
19	4AL22BA054	Pooja ks	
20	4AL22BA062	Praneetha J H	
21	4AL22BA065	Prathiksha Shetty	
22	4AL22BA066	Priyanka R	
23	4AL22BA075	RAMESH	
24	4AL22BA079	Sahana	
25	4AL22BA080	Sahithya	
26	4AL22BA086	Shama	
27	4AL22BA092	Shraddha Shetty	
28	4AL22BA093	Shramya	
29	4AL22BA095	Shreni C S	
30	4AL22BA103	Sindhu Shiva Kharvi	
31	4AL22BA104	Soujanya	
32	4AL22BA105	Sowndarya	
33	4AL22BA108	Sudeeksha S Shetty	
34	4AL22BA118	Vinutha C	

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Phone: 08258-262725, Fax: 08258-262726

PG DEPARTMENT OF BUSINESS ADMINISTRATION

Your feedback is essential for the PG Department of Business Administration, AIET to ensure that, we are meeting your educational needs. We would appreciate if you could take a few minutes to share your opinions with us so we can serve you better.

Training Topic : Mendley Reference Manager

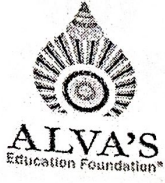
Date : 15/06/24

Trainer : Mr Nenuj Rai

Sl No.	Particulars	Strongly Agree	Agree	Indifferent	Disagree	Strongly Disagree
1.	The presentation was related to the topic quoted		✓			
2.	The topic was presented in an organized manner	✓				
3.	The program was well planned within the allotted time	✓				
4.	The Speaker was knowledgeable on the topic		✓	✓		
5.	The speaker was a good communicator		✓			
6.	I will recommend this speaker to handle topics in our programme		✓			
7.	I would be interested in attending a follow-up, more advanced presentations on this same subject/topic in future.		✓			

Thank You!

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To
IQAC Chairman
AIET, Mijar.

Respected Sir

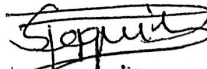
Sub: Request to permit us to conduct workshop on "Power BI" for II year MBA Students - 2022-24 batch.

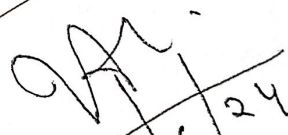
PG Department of Business Administration is conducting workshop on Power BI for II year MBA Students - 2022-24 batch from 26th June to 29th June 2024. In this regard, we would kindly request you to permit us to conduct the program in MBA Seminar Hall.

Resource person: Mr. Sananda Rao K.S, Corporate Trainer, Power BI Coach.

Budget for four days is Rs. 45000 .(Rs1500 per hour * 30)


Coordinator

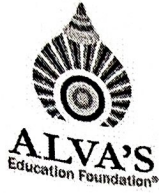

HOD


21/6/24


Principal

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TECHNOLOGY

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A+, Accredited by NAAC

Shobhavana Campus, MIJAR-574225, Moodbidri, D.K., Karnataka

Ph: 08258-262725; Mob:722262724,7026262725,mail:principalaiet08@gmail.com

PG DEPARTMENT OF BUSINESS ADMINISTRATION

AIET/MBA/ID/053

Date:-20-06-2024

CIRCULAR

It is hereby informed to all the II year MBA students to attend workshop on "Power BI" by Sananda Rao K.S, Corporate Trainer from 26th to 29th June 2024 from 9.00am to 5.00pm in MBA Seminar Hall without fail.

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PG DEPARTMENT OF BUSINESS ADMINISTRATION

REPORT ON POWER BI WORKSHOP

DATE: 26.07.24 to 29.07.24

Resource Person: Mr. Sananda Rao, Corporate trainer

Venue: MBA Seminar Hall, Auditorium

Objectives:

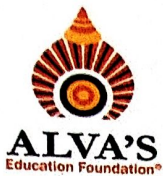
1. Use advanced data transformations.
2. Implement best practices in data visualization for clarity and impact.
3. Design dashboards that are user-friendly and performance-optimized.
4. Integrate Power BI reports with other Microsoft tools for enhanced functionality.



Session by Mr. Sananda Rao

A comprehensive training session on Power BI was held from June 26, 2024, to June 29, 2024, at AIET, Mijar. The session was conducted by Mr. Sananda Rao, an expert in data analytics and business intelligence. The training aimed to equip participants with the skills to effectively utilize Power BI for data visualization and business analytics.

The session was a comprehensive initiative aimed at providing participants with a deep insight into the functionalities of Power BI for effective data visualization and business analytics. The session, spearheaded by Mr. Sananda Rao, a distinguished expert in the realms of data analytics and business



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Ph: 08258-262725; Mob: 722262724, 7026262725, mail: principalaiet08@gmail.com

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intelligence, sought to equip attendees with the requisite skills and knowledge to harness the power of Power BI in a proficient manner.

The session commenced with an introductory day focusing on elucidating the foundational aspects of Power BI, encompassing an overview of Business Intelligence, an exploration of Power BI and its constituent components, a guidance on the installation and setup of Power BI Desktop, establishing connections to diverse data sources, and delving into rudimentary data transformations. Practical engagement was fostered through activities such as linking Power BI to Excel and SQL databases, as well as executing basic data cleaning and transformation operations.

Transitioning to the second day, the emphasis shifted towards data modelling and DAX, with a thorough examination of data modelling concepts, the creation and management of relationships between tables, an introduction to DAX (Data Analysis Expressions), and an exploration of common DAX functions and formulas. Participants were actively involved in constructing a data model and crafting DAX formulas for calculated columns and measures.

The subsequent day was dedicated to the realm of data visualization, encompassing the creation of diverse visualizations, the customization of visualizations and reports, the design of interactive dashboards, and the utilization of Power BI Service for collaborative endeavours and report sharing. Hands-on experiences included the design of interactive reports, the publication of reports to Power BI Service, and the sharing of reports and dashboards with team members.

As the session progressed to its final day, attention was directed towards advanced features and best practices, entailing advanced data transformations with Power Query, the promotion of best practices for data visualization and dashboard design, and an introduction to Power BI administration and governance. Participants engaged in activities that involved implementing advanced data transformations, integrating Power BI reports with other Microsoft tools, and applying best practices to enhance the usability and performance of reports.

In conclusion, the Power BI session led by Mr. Sananda Rao proved to be a highly enriching and pragmatic experience, equipping participants with a robust comprehension of Power BI's capabilities. Attendees acquired invaluable expertise in data modelling, DAX, visualization, and report sharing, empowering them to leverage Power BI for informed, data-driven decision-making. Feedback from participants underscored their high satisfaction with the session's content and



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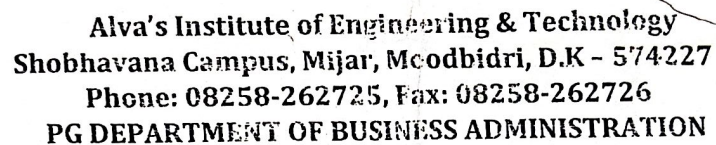
delivery, particularly lauding the effectiveness of the hands-on activities in reinforcing the theoretical foundations covered.

This session stood as an exceptional opportunity for participants to elevate their data analytics acumen and stay abreast of the latest trends in the domain of business intelligence. AIET, Mijar, anticipates organizing more of such enlightening and hands-on training sessions in the future, continuing to foster a culture of continuous learning and skill development among attendees.

OUTCOMES:

- Integrate Power BI reports with other Microsoft tools for enhanced functionality.
- Students were able to use advanced data transformations.
- Students were able to implement best practices in data visualization.
- Students were able design dashboards that are user-friendly and performance-optimized.

Total 119 students benefitted from the session



RESOURCE PERSON: Mr. Sananda Rao K S

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