



DTE CODE- 3465

# IDEAL INSTITUTE OF TECHNOLOGY

Posheri, Wada, Dist. Palghar, Maharashtra- 421303

Empowering India through knowledge

Approved by AICTE & Affiliated to Mumbai University

A Report of

Workshop

on

Web Designing

September 11, 2023 to September 15, 2023

Coordinated by

Ms. Shuchita Tambade

Organized by



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INSTITUTE OF  
TECHNOLOGY

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Department of Computer Engineering

Ideal Institute of Technology

Posheri, Wada- 421303.

A Unit Of Ideal Foundation

At Village - Posheri, Taluka - Wada, District - Palghar - 421 303. Maharashtra

Contact : +91 7678002000, E-mail : [idealinstituteoftechnology13@gmail.com](mailto:idealinstituteoftechnology13@gmail.com), Website : [www.idealwada.com](http://www.idealwada.com)



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At Village - Posheri, Taluka - Wada, District - Palghar - 421 303. Maharashtra

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## About the College:

Ideal Institute of Technology, Wada is an AICTE approved engineering college, established in 2013 under the umbrella of Ideal Foundation. The institute is approved by All India Council of Technical Education(AICTE), New Delhi, recognized by Government of Maharashtra and is affiliated to University of Mumbai. Ideal Institute of Technology has laid its foundation in the serene and picturesque setting of Posheri Village of Wada taluka. With the untiring efforts of the management, this college has been successful in creating educational and economic possibilities in the adjacent rural communities and in providing a refined education system.

## Course Offered:

At Ideal Institute of Technology, we offer a 4-year B.E. degree program, approved by All India Council of Technical Education (AICTE), New Delhi and is affiliated to University of Mumbai, in the following discipline-

- Mechanical Engineering
- Computer Engineering
- Civil Engineering
- Electrical engineering
- Electronic & Telecommunication Engineering

## About The Course:

This Workshop is a complete combination of Web Designing and web application development. In this course we are introducing to designing effective web pages implementing web pages by writing HTML and CSS code. We also explain the use of page layout techniques, text formatting, graphics, images, and multimedia and multi-page websites. All though we also covered the complete web development with all advanced web programming languages which makes you a complete web developer.

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## Ideal Institute of Technology Department of Computer Engineering

### Notice

Date: 22/08/2023

It is notified for all the students of the Computer Engineering that the Department is going to organize Workshop on “**Web Designing**”, for all Computer Engineering students for their benefits in the near future. The duration of the course will be off 30 contact hours which will be covered in 5 days .

Interested bonafide students are advised to register themselves. **The last date of registration is 04-09-2023.** If any Query regarding add on course contact to Ms. Ketaki Patil.

Note:

1. The course is free of cost.
2. Minimum 70% attendance is mandatory.
3. The successful candidates will be issued certificates by the college.

Mr. Pritam Ashok HO  
D (Computer)

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## 2. About the Course

### Workshop Name: Web Designing

**Workshop Summary:** This course is a complete combination of Web Designing and web application development.

In this course we are introducing to designing effective web pages implementing web pages by writing HTML and CSS code. We also explain the use of page layout techniques, text formatting, graphics, images, and multimedia and multi-page websites. All though we also covered the complete web development with all advanced web programming languages which makes you a complete web developer.

### Enrollment Criteria:

1. Participants must be interested and Computer Engineering student.
2. Must provide the NOC if from other department.

**Certification Criteria:** Minimum 50% marks in Certification Exam and 70% attendance

**Course Prerequisite:** Basic knowledge in Database Management Systems.

**Course Duration:** 30 Hours

### Workshop Contents:

Module	Contents	Hours
1	Introduction to the Web Designing Era	4
2	Web Designing Readiness Enabling Conditions	5
3	Web Designing Value Creation and Capture	5

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4	WebDesigningCostConsiderations	5
5	Business caseconsideration–Hypotheticalmodel220	5

## 1. OSheet

S.No	Activity	Duration	Date	Time
1.	IntroductiontheWeb DesigningEra	6Hour	11-09-2023	10:00AMto12:00PM 1.00PMto3.00PM
2.	WebDesigningReadinessEnablingConditions	6Hour	12-09-2023	10:00AMto1:00PM 2:00PMto4:00PM
3	WebDesigning ValueCreationandCapture	6Hour	13-09-2023	10:00AMto1:00PM 2:00PMto4:00PM
4	WebDesigningCostConsiderations	6Hour	14-09-2023	10:00AMto1:00PM 2:00PMto4:00PM
5	Businesscaseconsideration–Hypotheticalmodel220	6Hour	15-09-2023	10:00AMto1:00PM 2:00PMto4:00PM

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## 2. EnrolledStudentsList

S. N.	EnrollmentNo/PR N	Name of Participants	E-MailID	
1	2021016402261527	AbhishekAshokWaghre	<a href="mailto:awaghre99@gmail.com">awaghre99@gmail.com</a>	
2	2021016402261245	AbhishekGorakhSurywanshi	<a href="mailto:abhisheksurywanshi16@gmail.com">abhisheksurywanshi16@gmail.com</a>	
3	2021016402261543	AdityaMahadeoWavhal	<a href="mailto:Adityawavhal25@gmail.com">Adityawavhal25@gmail.com</a>	
4	2021016402261512	AmolPandurangMachhi	<a href="mailto:amolmachhi07@gmail.com">amolmachhi07@gmail.com</a>	
5	2021016402129887	AnsariMudassirGulam Waris	<a href="mailto:ansarimasum149@gmail.com">ansarimasum149@gmail.com</a>	
6	2021016402127285	DamreAshiwiniBaliram	<a href="mailto:ashwinidamre2002@gmail.com">ashwinidamre2002@gmail.com</a>	
7	2021016401318204	DeshmukhNameetaMukunda	<a href="mailto:nameeta27deshmukh@gmail.com">nameeta27deshmukh@gmail.com</a>	
8	2021016402261326	DevareKomalMallari	<a href="mailto:komalDev26@gmail.com">komalDev26@gmail.com</a>	
9	2021016402261655	DevendarRajShobhraj	<a href="mailto:Devendar16008@gmail.com">Devendar16008@gmail.com</a>	
10	2021016402261415	DwivediSamarthDiwakar	<a href="mailto:samarthdwivedi19@gmail.com">samarthdwivedi19@gmail.com</a>	
11	2021016402263816	GaikwadGauravSuresh	<a href="mailto:gauravgaikwad730@gmail.com">gauravgaikwad730@gmail.com</a>	
12	2021016402263801	GaikwadVikasTejearao	<a href="mailto:Vikasgaikwad787@gmail.com">Vikasgaikwad787@gmail.com</a>	
13	2021016402261551	GhadgeAtharvBharat	<a href="mailto:Bharatghadge19@gmail.com">Bharatghadge19@gmail.com</a>	
14	2021016402129856	HaravdeAakanshaNitin	<a href="mailto:aakankshaharavde@gmail.com">aakankshaharavde@gmail.com</a>	

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15	2021016402261214	JaiswalVinayDinesh	<a href="mailto:Jaiswalvinay016@gmail.com">Jaiswalvinay016@gmail.com</a>	
16	2021016402261423	JogdandSumitSanjay	sumitsj121@gmail.com	
17	2021016402261381	JoshiPadmakarShamrao	Padmakarjoshi2718@gmail.com	
18	2021016402127277	KatkePrathmeshSharnappa	prathmeahkatke2001@gmail.com	
19	2021016401691242	KatkerRushikeshRamchandra	rushikeshkatkar8208@gmail.com	
20	2021016402261261	KhureshiFaizalAbdulGani	faizal.khureshi@gmail.com	
21	2021016402263832	MadhaviChaitanyaHarishchandra	madhavichaitanya2000@gmail.com	
22	2021016402263847	MalviRohitHaribhau	malvirohitabcd@gmail.com	
23	2021016402263824	MhatreNavidhaNitin	navidhamhatre20@gmail.com	
24	2021016402261566	MohammadSaadanMoham.AbidAnsari	mohdsaadanansari709@gmail.com	
25	2021016402261334	MorePratikMahendra	Pratikmmore@icloud.com	
26	2021016402129864	MukneSankalpJitendra	sankalpmukne67@gmail.com	
27	2021016402261686	NamavaleGanpatiSambhaji	ganeshnamavale@gmail.com	
28	2021016402261284	PalPankaj Rajesh	palpankaj015@gmail.com	
29	2021016402261396	PatelAbhishekUday	abhishek11p121@gmail.com	
30	2021016402261222	PathakDevendraRavindra	pathakdevendra786@gmail.com	

31	2021016402127327	PatilAaryaDayanand	aaryapatil2892@gmail.com	
32	2021016402261253	PatilAkshatRamchandra	akshatpatil2000@gmail.com	
33	2021016402263863	PatilHimanshuBhagwan	Himanshupatil888.hp@gmail.com	

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34	2021016402261504	PatilRatikaVishwas	ratikapatil88@gmail.com	
35	2021016402261276	PatilSahilJaihind	Patilsahil1002@gmail.com	
36	2021016402261311	PatilSamikshaVijay	samikshavp6564@gmail.com	
37	2021016402198441	PawarPoonamMadan	poonam2605p@gmail.com	
38	2021016402261195	PilkeRashikantDinakar	rashikantpilke19@gmail.com	
39	2021016402261373	PitaleJayKamlesh	jaypitale27@gmail.com	
40	2021016402261334	PratikUlhasMore	more.pratik47@gmail.com	
41	2021016402261535	RedkarPrathameshKanchan	Prathmeshredakar4221@gmail.com	
42	2021016402261237	SawantYuvrajSachin	yuvraj2319@gmail.com	
43	2021016402261407	ShelarRiyaJayant	riyashelar50@gmail.com	
44	2021016402261671	ShiriskarTanmaySanjaya	tanmayshiriskar12@gmail.com	
45	2021016402127304	ShindeDurvaChandrakant	Shekharshinde5723@gmail.com	
46	2021016402261663	SinghAkashSunil	akashsingh452001@gmail.com	
47	2021016402261357	SonkanthaleGangadharRamchandra	sonkantaleg@gmail.com	
48	2021016402263855	TambeNikeshHarichandra	nikeshtambe1234@gmail.com	
49	2021016402261292	TatkareMrunalSandeep	mrunalatkar83427@gmail.com	
50	2021016402261342	YadavPriyankaShravanKumar	Py42659@gmail.com	
51	2021016402261206	YADAVSANJIVPARASNATH	sanjiv02982@gmail.com	

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## Notice

Date:02-05-2023

It is notified for all the students of the Electrical Engineering that the Department is going to organize Seminar on “**Intellectual Property Rights**”, for all Electrical Engineering students for their benefits in the near future. The duration of the course will be off 30 contact hours which will be covered in one day.

Interested bonafide students are advised to register themselves. **The date of registration is 02-05-2023.** If any Query regarding add on course contact to Ms.

Note:

4. The course is free of cost.
5. Minimum 70% attendance is mandatory.
6. The successful candidates will be issued certificates by the college.

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## Report On

### Intellectual Property Rights (IPR)

**Date: 02-05-2023**

**Organised by: Electrical Department**

**Time: 11:00 to 1:00 pm**

**Venue:**

#### About the Seminar:

##### **1. Seminar on Intellectual Property Rights (IPR)**

A seminar on IPR was organised by the Department of Electrical Engineering on May 2, 2023 in the college auditorium. Mr. Ojaswa Pratap Singh was the resource person. He gave a brief introduction on IPR and explained the various related terms such as copyrights, patents etc.

##### **2. Seminar on Intellectual Property Rights (IPR)**

A seminar on Intellectual Property Rights was conducted on 29 January 2018. The session was handled by Mr. Pankaj Kumar (Faculty of Mechanical Department, Ideal Institute of Technology, Wada). A briefing on the session is given below.

#### **Introduction**

Intellectual property is a category of property that includes intangible creations of the human intellect, and primarily encompasses copyrights, patents, and trademarks. It also includes other types of rights, such as trade secrets, publicity rights, moral rights, and rights against unfair competition. Artistic works like music and literature, as well as some discoveries, inventions, words, phrases, symbols, and designs can all be protected as intellectual property.

The main purpose of intellectual property law is to encourage the creation of a wide variety of intellectual goods. Intellectual property rights refers to the general term for the assignment of

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property rights through patents, copyrights and trademarks. These property rights allow the holder to exercise a monopoly on the use of the item for a specified period.

## Major Intellectual Property

### Copy right

Copy right is a legal term describing rights given to creators on their literary and artistic works.

### Related Rights

Rights granted by law to communicators of works to the public

- Performers
- Broadcasting Organizations

### Performer's Rights

It includes recording, broadcasting and communicating to the public of a live performance. Its duration is about 50 years.

### Rights of Broadcasting Organizations

It includes Broadcast Reproduction Right. It mainly focuses on Re-broadcasting, Recording and Communicating to the Public of a Broadcast. It has a duration of about 25 years.

### Patent

A patent is an exclusive right granted for an invention, which is a product or a process that provides a new way of doing something, or offers a new technical solution to a problem. The limited monopoly right granted by the state enables an inventor to prohibit another person from manufacturing, using or selling the patented product or from using the patented process, without permission. The time period of patent is about 20 years.

### Industrial

Design An industrial design is the ornamental or aesthetic aspect of an article which must appeal to the eye. The design may consist of three-dimensional features, such as the shape or surface of an article, or of two-dimensional features, such as patterns, lines or color.

### Trademark

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A trademark is a distinctive sign which identifies certain goods or services as those produced or provided by a specific person or enterprise.

## Geographical Indication

Geographical Indication is an indication which identifies goods as agricultural goods, natural goods or manufactured goods as originating, or manufactured in the territory of country, or a region or locality in that territory, where a given quality, reputation or other characteristic of such goods is essentially attributable to its geographical origin.

## Layout Design

It includes layout of transistors and other circuit elements, including lead wires connecting such elements and expressed in any manner in a semiconductor integrated circuit (IC).

## Trade secret

Some inventions, data, information cannot be protected by any of the available means of IPRs. Such information is held confidential as a trade secret. Trade secret can be an invention, idea, survey method, manufacturing process, experiment results, chemical formula, recipe, financial strategy, client database etc.

## The protection of plant varieties and farmers' rights

The Protection of Plant Variety and Farmers Right Act, 2001 (PPVFR Act) is an Act of the Parliament of India that was enacted to provide for the establishment of an effective system for protection of plant varieties, the rights of farmers and plant breeders, and to encourage the development and cultivation of new varieties of plants.

## Seminar Photographs:

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## Workshop Co-ordinators

Mr. Divakant garg

Mr. Pankaj Kumar

Mrs. Madhuri Bhoir

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## Notice

**Date:13-03-2023**

It is notified for all the students of the EXTC Engineering that the Department is going to organize Workshop on “**Technical Paper Writing**”, for all Electrical Engineering students for their benefits in the near future. The duration of the course will be off 30 contact hours which will be covered in one day.

Interested bonafide students are advised to register themselves. **The date of registration is 13-03-2023.** If any Query regarding add on course contact to Mr.Divakant garg

Note:

7. The course is free of cost.
8. Minimum 70% attendance is mandatory.
9. The successful candidates will be issued certificates by the college.

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## Report

on

## Technical Report Writing

**Date: 02-05-2023**

**Organized by: EXTC Department**

**Time: 11:00 to 1:00 pm**

### About the Seminar:

The seminar on technical paper writing was conducted which covered the purpose to communicate specific ideas, and everything about the paper should contribute to this goal. If any part of the paper does not do so, then delete or change that part. You must be ruthless in cutting every irrelevant detail, however true it may be. Everything in your paper that does not support your main point distracts from it. A paper should communicate the main ideas of your research such as the techniques and results) early and clearly. Then, the body of the paper can expand on these points; a reader who understands the structure and big ideas can better appreciate the details. A technical paper is collaborating your research and summing it up in sequential manner. The reader should not

\* encounter any surprises, only deeper explanations of ideas that have already been introduced. It's particularly irritating when an abstract or introduction states

No of participants: 20

Seminar Photographs:

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**HOD EXTC Dept Workshop Co-ordinators**

Mr. Divakant garg

Mrs. Madhuri Bhoir

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## A REPORT ON "ENTREPRENEURSHIP AWARENESS SEMINAR"

**Seminar Title:** Entrepreneurship Awareness Seminar (DST-NSTEDB Sponsored)

**Organizer:** Ideal Institute of Technology, Posheri Wada

**Date:** 06.10.2022

**Venue:** Ideal Institute of Technology, Posheri, Wada.

**Introduction:** The Entrepreneurship Awareness Seminar, sponsored by the Department of Science and Technology - National Science & Technology Entrepreneurship Development Board (DST-NSTEDB), was conducted at Ideal Institute of Technology, Posheri Wada. The Seminar aimed to instill entrepreneurial mindset, impart essential skills, and provide insights into the entrepreneurial ecosystem among participants.

### Seminar Schedule:

**Date:** 06.10.2022

- **9:00 AM - 9:30 AM:** Registration and Welcome Address
- **9:30 AM - 10:30 AM:** Inaugural Session
- **10:30 AM - 11:30 AM:** Keynote Address: "Importance of Entrepreneurship in Today's Economy"
- **11:30 AM - 12:30 PM:** Workshop 1: "Idea Generation and Validation"
- **12:30 PM - 1:30 PM:** Lunch Break
- **1:30 PM - 2:30 PM:** Workshop 2: "Market Research and Analysis"
- **2:30 PM - 3:30 PM:** Workshop 3: "Business Model Canvas and Planning"
- **3:30 PM - 4:00 PM:** Tea Break
- **4:00 PM - 5:00 PM:** Panel Discussion: "Challenges and Opportunities for Entrepreneurs"
- **5:00 PM - 5:30 PM:** Networking Session

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- 
- **5:30 PM:** Conclusion and Certificate Distribution

## Seminar Highlights:

- **Keynote Address:** Renowned entrepreneur [Speaker's Name] delivered an inspiring keynote address, emphasizing the role of entrepreneurship in driving economic growth and innovation.
- **Workshops:** Interactive workshops conducted by industry experts provided participants with practical knowledge and skills essential for entrepreneurial success, covering topics such as idea generation, market research, and business planning.
- **Panel Discussion:** A diverse panel of entrepreneurs shared their experiences, insights, and advice on overcoming challenges and seizing opportunities in the entrepreneurial journey.
- **Networking Session:** Participants had the opportunity to network with speakers, mentors, and fellow entrepreneurs, fostering collaborations and partnerships.

## Participant Details:

- **Total Participants:** 65

## Next Steps:

1. **Follow-up Sessions:** Consider organizing follow-up sessions or workshops to delve deeper into specific aspects of entrepreneurship based on participants' feedback and areas of interest.
2. **Mentorship Opportunities:** Facilitate mentorship opportunities for participants to receive ongoing guidance and support from experienced entrepreneurs and industry experts.
3. **Incubation Support:** Explore partnerships with startup incubators or accelerators to provide participants with access to resources, facilities, and mentorship to incubate and scale their ventures.
4. **Continued Engagement:** Maintain regular communication with participants through newsletters, online forums, or social media platforms to provide ongoing support, share resources, and facilitate networking.

## Conclusion:

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At Village - Posheri, Taluka - Wada, District - Palghar - 421 303, Maharashtra

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The Entrepreneurship Awareness Seminar at Ideal Institute of Technology, Posheri, Wada, served as a catalyst for nurturing aspiring entrepreneurs and fostering a culture of innovation and creativity. Through informative sessions, interactive workshops, and networking opportunities, participants were equipped with the knowledge, skills, and inspiration needed to embark on their entrepreneurial journey with confidence.

As we reflect on the success of this Seminar, we are committed to continuing our efforts to support and empower entrepreneurs, drive economic growth, and create a brighter future for our communities.

## List of Participants

S.No.	Name Of Participants	Branch	Year
1	Joshi Bhavesh Vasant	CE	IV
2	Kamadi Puja Kisan	CE	IV
3	Kini Pradnya Balaram	CE	IV
4	Mali Sakshi Narendra	CE	IV
5	Mestri Atul Mahadev	CE	IV
6	Mokashi Jagruti Amrut	CE	IV
7	Palshetkar Vaibhav Anil	CE	IV
8	Patekar Gaurav Sudesh	CE	IV
9	Patil Rutik Vijay	CE	IV
10	Patil Sairaj Sadanand	CE	IV
11	Patil Sanghavi Vilas	CE	IV
12	Patil Viraj Sharad	CE	IV
13	Punjari Tejal Ananta	CE	IV
14	Randive Vaibhav Madhukar	CE	IV
15	Rane Ashish Chandrashekhar	CE	IV
16	Rao Pankaja Chinataman	CE	IV
17	Rasal Umesh Chintu	CE	IV
18	Raut Onkar Muralidhar	CE	IV
19	Shukla Rhishabh Omprakash	CE	IV
20	Tank Jay Gunnantbhai	CE	IV
21	Thakare Omkar Arun	CE	IV
22	Thakare Tejal Sudhakar	CE	IV

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23	Umtol Nishikant Amrut	CE	IV
24	Vyapari Parashar Sadanand	CE	IV
25	Vyas Ritik Ishwar	CE	IV
26	Yadav Rajan Suresh	CE	IV
27	Ansari Aslain Mohammad Qadir	ME	IV
28	Bari Shruti Anant	ME	IV
29	Bhiamshariya Vishal Pawankumar	ME	IV
30	Dev Vipul Ram	ME	IV
31	Devang Rajaram Patil	ME	IV
32	Dhawade Rushikesh Kashinath	ME	IV
33	Gawade Purva Prakash	ME	IV
34	Gharat Riddhi Sunil	ME	IV
35	Goradkar Rutuja Santosh	ME	IV
36	Hankare Aditya Amrut	ME	IV
37	Jadhav Dhanashree Gajanan	ME	IV
38	Khairnar Geetai Madhav	ME	IV
39	Khan Faisal Anwar	CSE	IV
40	Khodnde Vedant Sanjay	CSE	IV
41	Kumbhar Hrishikesh Sunil	CSE	IV
42	Maidham Vamshik Shankar	CSE	IV
43	Mali Yesh Shekhar	CSE	IV
44	More Dnyaneshwari Sanjay	CSE	IV
45	Narvade Sandeep Nandu	CSE	IV
46	Pal Hemant	CSE	IV
47	Patel Chirag Harish	CSE	IV
48	Patil Manasvi Arvind	CSE	IV
49	Patil Nivedita Prabhakar	CSE	IV
50	Patil Ruchita Nandkumar	CSE	IV
51	Patil Shubham Anil	CSE	IV
52	Pawar Pratik Ashok	CSE	IV
53	Pundge Ratan Ambar	EE	IV
54	Rathod Rajat Pratap	EE	IV
55	Roshani Pathak	EE	IV
56	Shah Vats Ajay	EE	IV
57	Shaikh Shayaan Shamshad	EE	IV
58	Sharma Adityakumar	EE	IV
59	Sharma Ashutosh Anil	EE	IV

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60	Shinde Jatin Monoj	EE	IV
61	Surve Mrunal Sanjay	EE	IV
62	Vishawadia Zil Rajesh	EE	IV
63	Waghamare Sujit Narayan	EE	IV
64	Yadav Deepak Bridyanath	EE	IV
65	Araj Harshal Chandrakant	EE	IV

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## A REPORT ON: GATE AWARENESS SEMINAR

**Event Title:** Gate Awareness Seminar

**Organizer:** Ideal Institute of Technology, Posheri Wada

**Date:** August 23, 2022

**Venue:** Ideal Institute of Technology, Posheri, Wada

**Introduction:** The Gate Awareness Seminar, organized by Ideal Institute of Technology, Posheri Wada, aimed to provide essential insights and guidance to students interested in pursuing higher education through the Graduate Aptitude Test in Engineering (GATE). The Seminar was designed to equip participants with valuable information about the GATE examination, its significance, preparation strategies, and career prospects.

### Seminar Schedule:

- **9:00 AM - 9:30 AM:** Registration and Welcome Address
- **9:30 AM - 10:00 AM:** Inaugural Session
- **10:00 AM - 11:00 AM:** Keynote Address: "Importance of GATE Examination in Engineering Careers"
- **11:00 AM - 12:00 PM:** Session 1: "Understanding the GATE Examination Pattern and Syllabus"
- **12:00 PM - 1:00 PM:** Session 2: "Effective Preparation Strategies for GATE"
- **1:00 PM - 2:00 PM:** Lunch Break
- **2:00 PM - 3:00 PM:** Session 3: "Tips for Cracking the GATE Exam"
- **3:00 PM - 4:00 PM:** Interactive Q&A Session with GATE Toppers
- **4:00 PM - 4:30 PM:** Tea Break
- **4:30 PM - 5:00 PM:** Career Guidance and Opportunities after GATE

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- 
- **5:00 PM:** Conclusion and Certificate Distribution

## Seminar Highlights:

- **Keynote Address:** Eminent speakers from the field of engineering delivered an insightful keynote address, emphasizing the importance of the GATE examination in shaping successful engineering careers.
- **Session on Exam Pattern and Syllabus:** Participants gained a comprehensive understanding of the GATE examination pattern, syllabus, and marking scheme, essential for effective preparation.
- **Preparation Strategies:** Expert faculty members shared proven strategies and techniques for effective preparation, including time management, subject prioritization, and mock test practice.
- **Interactive Q&A Session:** Participants had the opportunity to interact with GATE toppers, seeking advice, clarifying doubts, and gaining insights into their preparation journey and success strategies.
- **Career Guidance:** The Seminar concluded with a session on career opportunities and pathways available to GATE qualifiers, providing participants with valuable insights into potential career trajectories.

## Participant Details:

- **Total Participants:** 100
- **Breakdown by Educational Background:** Engineering students from various disciplines

## Future Initiatives:

Building on the success of the Gate Awareness Seminar, Ideal Institute of Technology, Posheri Wada, plans to continue supporting students in their academic and career aspirations through various initiatives:

1. **Mock Tests and Practice Sessions:** Organizing mock GATE tests and practice sessions to help participants assess their preparation level and gain hands-on experience in tackling exam-like questions.
2. **Subject-specific Workshops:** Conducting workshops focused on specific GATE subjects

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or topics to provide participants with in-depth knowledge and understanding, catering to their individual learning needs.

- 3. Guest Lectures and Webinars:** Inviting subject matter experts and alumni who have excelled in the GATE examination to deliver guest lectures and webinars, sharing their insights, tips, and success stories.
- 4. One-on-One Counselling:** Offering personalized counselling sessions for participants to address their queries, concerns, and challenges related to GATE preparation, providing tailored guidance and support.
- 5. Resource Center:** Establishing a dedicated resource center equipped with study materials, reference books, online resources, and past question papers to support participants in their GATE preparation journey.

## Conclusion:

The Gate Awareness Seminar at Ideal Institute of Technology, Posheri, Wada, served as a stepping stone for participants in their GATE preparation journey, equipping them with essential knowledge, strategies, and motivation to succeed in the examination. As we look ahead, we remain committed to providing continuous support and guidance to students aspiring for higher education and career advancement opportunities through various educational initiatives and Seminars.

S. No.	Name of Participant	Branch	Year
1	Yesh Ashish Patil	ME	III
2	Yadav Sanjiv Parasnath	CSE	III
3	Yadav Rajan Suresh	CE	IV
4	Yadav Priyanka Shrivankumar	CSE	III
5	Yadav Deepak Bridyanath	CSE	IV
6	Waghamare Sujit Narayan	CSE	IV
7	Vyas Ritik Ishwar	CE	IV
8	Vyapari Parashar Sadanand	CE	IV
9	Vishwakarma Ajeet Dineshchandra	ME	IV
10	Vishawadia Zil Rajesh	CSE	IV
11	Vartak Siddhesh Mahesh	ME	IV
12	Varatak Kaushik Pradip	ME	III
13	Umtol Nishikant Amrut	CE	IV

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14	Tumbada Rohit Bhaskar	EE	III
15	Tokare Vishal Vilas	CE	III
16	Thakare Tejal Sudhakar	CE	IV
17	Thakare Omkar Arun	CE	IV
18	Tatkare Mrunal Sandeep	CSE	III
19	Tare Ujwal Sunil	ME	III
20	Tank Jay Gunnantbhai	CE	IV
21	Tamore Raj Vikas	EE	III
22	Tambe Nikesh Harichandra	CSE	III
23	Surve Mrunal Sanjay	CSE	IV
24	Suhail Ahmad Nisar Ahmad	CE	III
25	Sonkanthale Gangadhar Ramchandra	CSE	III
26	Singh Akash Sunil	CSE	III
27	Shukla Rhishabh Omprakash	CE	IV
28	Shukla Ajay Surendraprasad	ME	IV
29	Shiriskar Tanmay Sanjay	CSE	III
30	Shinde Jatin Monoj	CSE	IV
31	Shinde Durva Chandrakant	CSE	III
32	Shelar Riya Jayant	CSE	III
33	Shelar Prathamesh Suhas	EE	IV
34	Sharma Ashutosh Anil	CSE	IV
35	Sharma Adityakumar	CSE	IV
36	Shaikh Shayaan Shamshad	CSE	IV
37	Shah Vats Ajay	CSE	IV
38	Sawant Yuvraj Sachin	CSE	III
39	Sawant Sanjay Jaywant	EE	IV
40	Save Nirmal Jitendra	ME	IV
41	Satavee Sourabh Ravindra	ME	IV
42	Satave Saurabh Avinash	EE	III
43	Sambare Vishal Sudam	EE	III
44	Sambare Saurabh Sanjay	CE	III
45	Roshani Pathak	CSE	IV
46	Redkar Prathamesh Kanchan	CSE	III
47	Raut Vaibhav Suresh	EE	III
48	Raut Onkar Muralidhar	CE	IV
49	Raut Karan Bharat	ME	III
50	Raut Jay Anil	CE	III

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51	Raut Harshal Rajaram	EE	III
52	Rathod Rajat Pratap	CSE	IV
53	Rasal Umesh Chintu	CE	IV
54	Rao Pankaja Chinataman	CE	IV
55	Rane Ashish Chandrashekhar	CE	IV
56	Randive Vaibhav Madhukar	CE	IV
57	Punjari Tejal Ananta	CE	IV
58	Pundge Ratan Ambar	CSE	IV
59	Pratik Ulhas More	CSE	III
60	Pranit Prashant Nijai	ME	III
61	Prajapati Harshvardhan Ganesh	ME	III
62	Pitale Jay Kamlesh	CSE	III
63	Pimple Suvid Mahesh	CE	III
64	Pilke Rashikant Dinakar	CSE	III
65	Pawar Sumit Arvind	EE	III
66	Pawar Santosh Laxmanrao	CE	III
67	Pawar Pratik Ashok	CSE	IV
68	Pawar Poonam Madan	CSE	III
69	Pawade Hardik Sandip	CE	III
70	Patil Viraj Sharad	CE	IV
71	Patil Ved Shashikant	ME	III
72	Patil Shubham Bhai	EE	III
73	Patil Shubham Anil	CSE	IV
74	Patil Shrikant Subhashchandra	ME	III
75	Patil Sanghavi Vilas	CE	IV
76	Patil Samiksha Vijay	CSE	III
77	Patil Sairaj Sadanand	CE	IV
78	Patil Sahil Jaihind	CSE	III
79	Patil Rutik Vijay	CE	IV
80	Patil Ruchita Nandkumar	CSE	IV
81	Patil Ratika Vishwas	CSE	III
82	Patil Pranav Janardan	ME	IV
83	Patil Nivedita Prabhakar	CSE	IV
84	Patil Manasvi Arvind	CSE	IV
85	Patil Manasi Digvijay	CE	III
86	Patil Laukik Gajanan	EE	III
87	Patil Kaustubh Sunil	ME	IV

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88	Patil Jitesh Shashikant	ME	IV
89	Patil Himanshu Bhagwan	CSE	III
90	Patil Harshad Rajendra	ME	IV
91	Patil Dhiraj Kamalakar	EE	IV
92	Patil Akshat Ramchandra	CSE	III
93	Patil Aarya Dayanand	CSE	III
94	Pathare Yash Subhodh	ME	IV
95	Pathak Devendra Ravindra	CSE	III
96	Patel Chirag Harish	CSE	IV
97	Patel Abhishek Uday	CSE	III
98	Patekar Gaurav Sudesh	CE	IV
99	Pardeshi Bhushan Ganpat	ME	IV
100	Palve Somkant Kacharu	ME	IV

## PHOTOS



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## SEMINAR REPORT

ON

### "FROM RESEARCH TO PUBLICATION: A GUIDE TO EFFECTIVE WRITING"

**Event Title:** From Research to Publication: A Guide to Effective Writing

**Organizer:** Ideal Institute of Technology, Posheri Wada

**Date:** April 27, 2022

**Venue:** Ideal Institute of Technology, Posheri, Wada.

**Introduction:** The "From Research to Publication: A Guide to Effective Writing" Seminar, organized by Ideal Institute of Technology, Posheri Wada, aimed to provide participants with essential skills and insights into the process of writing and publishing academic research papers. The Seminar catered to students, researchers, and faculty members seeking to enhance their writing proficiency and increase their chances of successfully publishing their research findings in peer-reviewed journals.

#### Seminar Schedule:

- **9:00 AM - 9:30 AM:** Registration and Welcome Address
- **9:30 AM - 10:00 AM:** Inaugural Session
- **10:00 AM - 11:00 AM:** Understanding the Research Publication Process
- **11:00 AM - 12:00 PM:** Writing Effective Research Papers: Structure and Organization

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- **12:00 PM - 1:00 PM:** Literature Review and Citation Management
  - **1:00 PM - 2:00 PM:** Lunch Break
  - **2:00 PM - 3:30 PM:** Data Presentation and Visualization Techniques
  - **3:30 PM - 4:30 PM:** Ethical Considerations in Research and Publication
  - **4:30 PM - 5:00 PM:** Tea Break
  - **5:00 PM - 6:00 PM:** Manuscript Submission and Journal Selection
  - **6:00 PM:** Conclusion and Certificate Distribution

## Seminar Highlights:

- **Understanding the Research Publication Process:** Participants gained insights into the key stages of the research publication process, from conceptualization and data collection to manuscript preparation and submission.
- **Writing Effective Research Papers:** The session focused on essential elements of research paper writing, including structuring the paper, crafting clear and concise arguments, and maintaining coherence and flow.
- **Literature Review and Citation Management:** Participants learned strategies for conducting comprehensive literature reviews, synthesizing existing research, and managing citations effectively using citation management tools.
- **Data Presentation and Visualization Techniques:** Expert speakers shared tips and techniques for presenting research data effectively, including selecting appropriate visualizations, interpreting graphs and charts, and enhancing data clarity and impact.
- **Ethical Considerations in Research and Publication:** The session addressed ethical issues in research and publication, including plagiarism, authorship disputes, conflicts of interest, and adherence to ethical guidelines and standards.

## Participant Details:

- **Total Participants:** 81

## Future Initiatives:

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Building on the success of the "From Research to Publication" Seminar, Ideal Institute of Technology, Posheri Wada, plans to continue its efforts in supporting students, researchers, and faculty members in their academic writing and publishing endeavors through various initiatives:

- Advanced Writing Workshops:** Organizing advanced writing workshops focused on specific aspects of academic writing, such as literature reviews, methodology sections, or results interpretation, providing participants with in-depth guidance and feedback on their writing.
- Peer Review Groups:** Facilitating peer review groups or writing circles where participants can exchange feedback, critique each other's work, and collaborate on improving their writing skills and manuscript drafts.
- Publication Support Services:** Offering publication support services, such as manuscript editing, proofreading, and formatting assistance, to help participants polish their research papers and increase their chances of acceptance in peer-reviewed journals.
- Authorship Ethics Seminars:** Conducting seminars and discussions on authorship ethics, including issues related to authorship order, contributorship criteria, and managing conflicts of interest, to promote responsible authorship practices among researchers.
- Journal Club Meetings:** Establishing journal club meetings where participants can discuss recent publications, critically evaluate research papers, and stay updated on the latest developments in their fields of study.

## Conclusion:

The "From Research to Publication" Seminar at Ideal Institute of Technology, Posheri Wada, marked a significant milestone in empowering participants with the knowledge and skills needed to effectively communicate their research findings through academic writing and publication. As we look ahead, we remain committed to providing ongoing support and resources to help participants navigate the complexities of the research publication process and achieve success in their academic and scholarly pursuits.

S. No.	Name of Participants	Branch	Year
1	Aditya Mahadeo Wavhal	CSE	III
2	Aher Akashay Vijay	CE	IV
3	Amol Pandurang Machhi	CSE	III
4	Amol Tulshiram Ingale	CE	III
5	Ansari Aslain Mohammad Qadir	CSE	IV

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6	Ansari Mudassir Gulam Waris	CSE	III
7	Araj Harshal Chandrakant	EE	IV
8	Bangera Chinmaya Vishvanath	ME	III
9	Banne Vivek Basavaraj	CE	III
10	Bari Mrunal Virendra	ME	IV
11	Bari Shruti Anant	CSE	IV
12	Bhadhange Rajesh Shivram	CE	IV
13	Bhalerao Vishal Ratnakar	CE	IV
14	Bharati Sunil Ravan	CE	III
15	Bhiamshariya Vishal Pawankumar	CSE	IV
16	Bhoir Chaitanya Nandkumar	CE	III
17	Bhoir Sejal Sanjeev	EXTC	IV
18	Bhoir Swarup Ghanshyam	ME	IV
19	Binnar Vaibhav Valiba	CE	IV
20	Bodake Kunal Bhaskar	ME	IV
21	Chaudhari Dayanand Navaji	CE	IV
22	Chaudhari Swapnali Eknath	EXTC	IV
23	Chitroda Mitesh Prabhudas	CE	III
24	Dadmal Ranjit Sambhaji	EE	IV
25	Damre Ashiwini Baliram	CSE	III
26	Dandekar Janmesh Kishor	EXTC	IV
27	Dawane Chadan Sanjay	EE	IV
28	Deshmukh Nameeta Mukunda	CSE	III
29	Dev Vipul Ram	CSE	IV
30	Devang Rajaram Patil	CSE	IV
31	Devare Komal Mallari	CSE	III
32	Devendar Raj Shobhraj	CSE	III
33	Dhangar Roshan Jagdish	EXTC	IV
34	Dhanmehar Pritam Gajanan	ME	IV
35	Dhanva Jitesh Ankush	ME	IV
36	Dhawade Rushikesh Kashinath	CSE	IV
37	Dhodiya Jaydeep Purushottam	EE	IV
38	Dhulsada Milind Balkrishna	CE	IV
39	Dongarkar Kunal Raju	CE	III
40	Dongarkar Rahul Suresh	CE	IV
41	Dwivedi Samarth Diwakar	CSE	III
42	Gahala Ajay Sadu	EE	IV

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43	Gaikwad Anjali Sanjay	CE	IV
44	Gaikwad Gaurav Suresh	CSE	III
45	Gaikwad Vaibhav Vitthal	EE	IV
46	Gaikwad Vikas Tejerao	CSE	III
47	Gangurde Vikram Sanjay	ME	IV
48	Gauda Sreekant Judhistir	ME	IV
49	Gawade Purva Prakash	CSE	IV
50	Gawai Gaurav Arun	EE	IV
51	Ghadge Atharv Bharat	CSE	III
52	Gharat Riddhi Sunil	CSE	IV
53	Ghatal Vinod Prabhakar	CE	IV
54	Gholap Karan Jivan	EE	III
55	Gimbal Chirag Jagan	EE	IV
56	Goradkar Rutuja Santosh	CSE	IV
57	Gotarane Niket Anil	CE	III
58	Gupta Sandip Ashok	ME	III
59	Hankare Aditya Amrut	CSE	IV
60	Haravde Aakansha Nitin	CSE	III
61	Harsoda Jatin Harjeevan	CE	III
62	Hrigwed Rajendra Pawar	ME	III
63	Jadhav Dhanashree Gajanan	CSE	IV
64	Jadhav Mayur Prakash	CE	IV
65	Jadhav Siddhesh Santosh	ME	IV
66	Jaiswal Vinay Dinesh	CSE	III
67	Jha Kamlesh Digambar	ME	III
68	Jha Shiv Dayanand	EE	IV
69	Jogdand Sumit Sanjay	CSE	III
70	Joshi Bhavesh Vasant	CE	IV
71	Joshi Padmakar Shamrao	CSE	III
72	Kadam Mahesh Govind	CE	III
73	Kamadi Bhushan Narayan	EE	IV
74	Kamadi Puja Kisan	CE	IV
75	Kankad Ajit Mahadu	ME	IV
76	Katke Prathmesh Sharnappa	CSE	III
77	Katker Rushikesh Ramchandra	CSE	III
78	Khairnar Geetai Madhav	CSE	IV
79	Khambit Deepak Bhaskar	CE	III

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80	Khan Faisal Anwar	CSE	IV
81	Khodnde Vedant Sanjay	CSE	IV

## Photos



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## A SEMINAR REPORT

ON

### UPSKILLING WITH MS AZURE AND AZURE AI FUNDAMENTALS REPORT

**Event Title:** Up skilling with MS Azure and Azure AI Fundamentals

**Organizer:** Ideal Institute of Technology, Posheri Wada

**Date:** March 14, 2022

**Venue:** Ideal Institute of Technology, Posheri, Wada

**Introduction:** The "Upskilling with MS Azure and Azure AI Fundamentals" Seminar, organized by Ideal Institute of Technology, Posheri Wada, aimed to equip participants with essential skills and knowledge in Microsoft Azure cloud computing and Azure AI fundamentals. The Seminar catered to individuals seeking to enhance their proficiency in cloud technologies and artificial intelligence, enabling them to stay competitive in today's rapidly evolving digital landscape.

#### Seminar Schedule:

- **9:00 AM - 9:30 AM:** Registration and Welcome Address
- **9:30 AM - 10:00 AM:** Inaugural Session
- **10:00 AM - 11:00 AM:** Introduction to Microsoft Azure: Basics and Fundamentals
- **11:00 AM - 12:00 PM:** Understanding Azure AI Fundamentals
- **12:00 PM - 1:00 PM:** Practical Session: Hands-on Experience with Azure Services
- **1:00 PM - 2:00 PM:** Lunch Break
- **2:00 PM - 3:30 PM:** Workshop: Implementing Azure AI Solutions
- **3:30 PM - 4:00 PM:** Tea Break
- **4:00 PM - 5:00 PM:** Case Studies: Real-world Applications of Azure AI
- **5:00 PM:** Conclusion and Certificate Distribution

#### Seminar Highlights:

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- **Introduction to Microsoft Azure:** Participants received an overview of Microsoft Azure, its core concepts, services, and the benefits of cloud computing for businesses and individuals.
- **Understanding Azure AI Fundamentals:** The session delved into the fundamentals of artificial intelligence, machine learning, and cognitive services offered by Azure, providing participants with insights into AI technologies and their applications.
- **Practical Session:** Participants gained hands-on experience with Microsoft Azure services, learning how to deploy and manage virtual machines, storage solutions, and other cloud resources.
- **Workshop on Implementing Azure AI Solutions:** Expert facilitators guided participants through the process of implementing Azure AI solutions, covering topics such as natural language processing, computer vision, and predictive analytics.
- **Case Studies:** Real-world case studies showcased the practical applications of Azure AI across various industries, illustrating how organizations leverage AI technologies to drive innovation, enhance efficiency, and solve complex problems.

## Participant Details:

- **Total Participants:** 56

## Future Initiatives:

Building on the success of the "Upskilling with MS Azure and Azure AI Fundamentals" Seminar, Ideal Institute of Technology, Posheri Wada, plans to continue offering initiatives aimed at fostering digital literacy and proficiency in emerging technologies. Some future initiatives may include:

1. **Advanced Azure Workshops:** Organizing advanced workshops or training sessions focusing on specialized topics within Microsoft Azure, such as Azure DevOps, Azure IoT, or Azure Data Services, catering to participants with intermediate or advanced skill levels.
2. **AI Masterclasses:** Conducting in-depth masterclasses or boot camps dedicated to artificial intelligence and machine learning, covering advanced algorithms, deep learning frameworks, and AI model deployment strategies.
3. **Certification Preparation Courses:** Offering certification preparation courses for

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Microsoft Azure and Azure AI certifications, providing participants with structured learning paths and exam-focused training to enhance their credentials and career prospects.

- Industry Partnerships:** Collaborating with industry partners and organizations to develop customized training Seminars or apprenticeship opportunities for participants, bridging the gap between academia and industry and facilitating hands-on learning experiences.
- Research and Development Projects:** Encouraging participants to undertake research and development projects leveraging Microsoft Azure and Azure AI technologies, fostering innovation, and contributing to the advancement of AI-driven solutions in various domains.

## Conclusion:

The "Upskilling with MS Azure and Azure AI Fundamentals" Seminar at Ideal Institute of Technology, Posheri Wada, served as a stepping stone for participants in their journey towards digital upskilling and proficiency in cloud computing and artificial intelligence. As we look ahead, we remain committed to empowering individuals with the knowledge, skills, and resources needed to thrive in the digital era and make meaningful contributions to society and industry.

S. No.	Name of Student	Branch	Year
1	Sawant Sanjay Jaywant	EE	IV
2	Save Nirmal Jitendra	ME	IV
3	Satavee Sourabh Ravindra	ME	IV
4	Satave Saurabh Avinash	EE	III
5	Sambare Vishal Sudam	EE	III
6	Sambare Saurabh Sanjay	CE	III
7	Roshani Pathak	CSE	IV
8	Redkar Prathamesh Kanchan	CSE	III
9	Raut Vaibhav Suresh	EE	III
10	Raut Onkar Muralidhar	CE	IV
11	Raut Karan Bharat	ME	III
12	Raut Jay Anil	CE	III
13	Raut Harshal Rajaram	EE	III
14	Rathod Rajat Pratap	CSE	IV
15	Rasal Umesh Chintu	CE	IV
16	Rao Pankaja Chinataman	CE	IV
17	Rane Ashish Chandrashekhar	CE	IV
18	Randive Vaibhav Madhukar	CE	IV
19	Punjari Tejal Ananta	CE	IV

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20	Pundge Ratan Ambar	CSE	IV
21	Pratik Ulhas More	CSE	III
22	Pranit Prashant Nijai	ME	III
23	Prajapati Harshvardhan Ganesh	ME	III
24	Pitale Jay Kamlesh	CSE	III
25	Pimple Suvid Mahesh	CE	III
26	Pilke Rashikant Dinakar	CSE	III
27	Pawar Sumit Arvind	EE	III
28	Pawar Santosh Laxmanrao	CE	III
29	Pawar Pratik Ashok	CSE	IV
30	Pawar Poonam Madan	CSE	III
31	Pawade Hardik Sandip	CE	III
32	Patil Viraj Sharad	CE	IV
33	Patil Ved Shashikant	ME	III
34	Patil Shubham Bhai	EE	III
35	Patil Shubham Anil	CSE	IV
36	Patil Shrikant Subhashchandra	ME	III
37	Patil Sanghavi Vilas	CE	IV
38	Patil Samiksha Vijay	CSE	III
39	Patil Sairaj Sadanand	CE	IV
40	Patil Sahil Jaihind	CSE	III
41	Patil Rutik Vijay	CE	IV
42	Patil Ruchita Nandkumar	CSE	IV
43	Patil Ratika Vishwas	CSE	III
44	Patil Pranav Janardan	ME	IV
45	Patil Nivedita Prabhakar	CSE	IV
46	Patil Manasvi Arvind	CSE	IV
47	Patil Manasi Digvijay	CE	III
48	Patil Laukik Gajanan	EE	III
49	Patil Kaustubh Sunil	ME	IV
50	Patil Jitesh Shashikant	ME	IV
51	Patil Himanshu Bhagwan	CSE	III
52	Patil Harshad Rajendra	ME	IV
53	Patil Dhiraj Kamalakar	EE	IV
54	Patil Akshat Ramchandra	CSE	III
55	Patil Aarya Dayanand	CSE	III
56	Pathare Yash Subhodh	ME	IV

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## A REPORT OF SEMINAR ON: E-WASTE MANAGEMENT

**Event Title:** E-Waste Management Seminar

**Organizer:** Ideal Institute of Technology, Posheri, Wada

**Date:** January 28, 2022

**Venue:** Ideal Institute of Technology, Posheri, Wada

**Introduction:** The E-Waste Management Seminar, organized by Ideal Institute of Technology, Posheri Wada, aimed to raise awareness about the environmental and health hazards posed by electronic waste (e-waste) and promote sustainable practices for its management and disposal. The Seminar sought to educate participants on the importance of responsible e-waste disposal and recycling to mitigate its adverse effects on the environment and human health.

### Seminar Schedule:

- **9:00 AM - 9:30 AM:** Registration and Welcome Address
- **9:30 AM - 10:00 AM:** Inaugural Session
- **10:00 AM - 11:00 AM:** Understanding E-Waste: Causes, Impact, and Challenges
- **11:00 AM - 12:00 PM:** E-Waste Collection and Segregation Techniques
- **12:00 PM - 1:00 PM:** Best Practices in E-Waste Recycling and Disposal
- **1:00 PM - 2:00 PM:** Lunch Break
- **2:00 PM - 3:00 PM:** Policy and Regulatory Framework for E-Waste Management
- **3:00 PM - 4:00 PM:** Case Studies: Successful E-Waste Management Initiatives
- **4:00 PM - 4:30 PM:** Tea Break
- **4:30 PM - 5:00 PM:** Interactive Session: Q&A and Discussion
- **5:00 PM:** Conclusion and Certificate Distribution

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## Seminar Highlights:

- **Understanding E-Waste:** Participants gained insights into the sources, composition, and hazardous components of e-waste, as well as its environmental and health implications.
- **E-Waste Collection and Segregation Techniques:** The session focused on practical methods for collecting, segregating, and handling e-waste to minimize environmental contamination and maximize resource recovery.
- **Best Practices in E-Waste Recycling and Disposal:** Expert speakers shared best practices and technologies for e-waste recycling and disposal, emphasizing the importance of adopting sustainable and environmentally friendly approaches.
- **Policy and Regulatory Framework:** Participants learned about the existing policy and regulatory framework governing e-waste management at the national and international levels, including regulations, guidelines, and compliance requirements.
- **Case Studies:** Real-world case studies showcased successful e-waste management initiatives implemented by organizations, communities, and governments, highlighting innovative approaches and lessons learned.

## Participant Details:

- **Total Participants:** 50

## Future Initiatives:

Building on the success of the E-Waste Management Seminar, Ideal Institute of Technology, Posheri, Wada, plans to continue its efforts in promoting environmental sustainability and responsible e-waste management through various initiatives:

1. **Community Outreach Seminars:** Organizing awareness campaigns and workshops in local communities to educate residents about the importance of e-waste management and provide them with practical tips for proper disposal and recycling.
2. **Student-Led Initiatives:** Encouraging student-led initiatives within the institute to promote e-waste awareness, collection drives, and recycling programs, fostering a culture of environmental stewardship among the student body.
3. **Industry Partnerships:** Collaborating with e-waste recycling companies, manufacturers, and government agencies to develop sustainable solutions for e-waste management,

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including e-waste collection centers, recycling facilities, and awareness campaigns.

- 4. Research and Innovation:** Supporting research projects and initiatives focused on developing innovative technologies and processes for e-waste recycling and resource recovery, contributing to the advancement of sustainable e-waste management practices.
- 5. Policy Advocacy:** Engaging with policymakers and stakeholders to advocate for stronger regulations and policies governing e-waste management, including extended producer responsibility (EPR) schemes, recycling targets, and enforcement mechanisms.

## Conclusion:

The E-Waste Management Seminar at Ideal Institute of Technology, Posheri Wada, marked a significant step towards raising awareness and promoting sustainable practices for e-waste management. As we look ahead, we remain committed to continuing our efforts to address the growing challenges of e-waste through education, innovation, and collaboration.

S. No.	Name Of Participants	Branch	Year
1	Gawai Gaurav Arun	EE	IV
2	Gawade Purva Prakash	CSE	IV
3	Gauda Sreekant Judhistir	ME	IV
4	Gangurde Vikram Sanjay	ME	IV
5	Gaikwad Vikas Tejerao	CSE	III
6	Gaikwad Vaibhav Vitthal	EE	IV
7	Gaikwad Gaurav Suresh	CSE	III
8	Gaikwad Anjali Sanjay	CE	IV
9	Gahala Ajay Sadu	EE	IV
10	Dwivedi Samarth Diwakar	CSE	III
11	Dongarkar Rahul Suresh	CE	IV
12	Dongarkar Kunal Raju	CE	III
13	Dhulsada Milind Balkrishna	CE	IV
14	Dhodiya Jaydeep Purushottam	EE	IV
15	Dhawade Rushikesh Kashinath	CSE	IV
16	Dhanva Jitesh Ankush	ME	IV
17	Dhanmehar Pritam Gajanan	ME	IV
18	Dhangar Roshan Jagdish	EXTC	IV
19	Devendar Raj Shobhraj	CSE	III

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20	Devare Komal Mallari	CSE	III
21	Devang Rajaram Patil	CSE	IV
22	Dev Vipul Ram	CSE	IV
23	Deshmukh Nameeta Mukunda	CSE	III
24	Dawane Chadan Sanjay	EE	IV
25	Dandekar Janmesh Kishor	EXTC	IV
26	Damre Ashiwini Baliram	CSE	III
27	Dadmal Ranjit Sambhaji	EE	IV
28	Chitroda Mitesh Prabhudas	CE	III
29	Chaudhari Swapnali Eknath	EXTC	IV
30	Chaudhari Dayanand Navaji	CE	IV
31	Bodake Kunal Bhaskar	ME	IV
32	Binnar Vaibhav Valiba	CE	IV
33	Bhoir Swarup Ghanshyam	ME	IV
34	Bhoir Sejal Sanjeev	EXTC	IV
35	Bhoir Chaitanya Nandkumar	CE	III
36	Bhiamshariya Vishal Pawankumar	CSE	IV
37	Bharati Sunil Ravan	CE	III
38	Bhalerao Vishal Ratnakar	CE	IV
39	Bhadhange Rajesh Shivram	CE	IV
40	Bari Shruti Anant	CSE	IV
41	Bari Mrunal Virendra	ME	IV
42	Banne Vivek Basavaraj	CE	III
43	Bangera Chinmaya Vishvanath	ME	III
44	Araj Harshal Chandrakant	EE	IV
45	Ansari Mudassir Gulam Waris	CSE	III
46	Ansari Aslain Mohammad Qadir	CSE	IV
47	Amol Tulshiram Ingale	CE	III
48	Amol Pandurang Machhi	CSE	III
49	Aher Akashay Vijay	CE	IV
50	Aditya Mahadeo Wavhal	CSE	III

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## Notice

**Date:28-Jan-22**

It is notified for all the students of the Electrical Engineering that the Department is going to organize Seminar on “**Intellectual Property Rights**”, for all Electrical Engineering students for their benefits in the near future. The duration of the course will be off 30 contact hours which will be covered in one day.

Interested bonafide students are advised to register themselves. **The date of registration is 20-Jan-22.** If any Query regarding add on course contact to HOD

Note:

The course is free of cost.

Minimum 70% attendance is mandatory.

The successful candidates will be issued certificates by the college.

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## Report On

### Intellectual Property Rights (IPR)

**Date:26-Oct-21**

**Organised by: Electrical Department**

**Time: 11:00 to 1:00 pm**

#### **About the Seminar:**

##### **1.Seminar on Intellectual Property Rights (IPR)**

A seminar on IPR was organised by the Department of Electrical Engineering on 26-Oct-21 in the college auditorium. Mr.Ojaswa pratap singh was the resource person. He gave a brief introduction on IPR and explained the various related terms such as copyrights, patents etc.

##### **2.Seminar on Intellectual Property Rights (IPR)**

A seminar on Intellectual Property Rights was conducted on 29 January 2018. The session was handled Mr. Pankaj Kumar(Faculty of Mechanical Department, Ideal institute of technology, wada). A briefing on the session is given below.

#### **Introduction**

Intellectual property is a category of property that includes intangible creations of the human intellect, and primarily encompasses copyrights, patents, and trademarks. It also includes other types of rights, such as trade secrets, publicity rights, moral rights, and rights against unfair competition. Artistic works like music and literature, as well as some discoveries, inventions, words, phrases, symbols, and designs can all be protected as intellectual property.

The main purpose of intellectual property law is to encourage the creation of a wide variety of intellectual goods. Intellectual property rights refers to the general term for the assignment of property rights through patents, copyrights and trademarks. These property rights allow the holder

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to exercise a monopoly on the use of the item for a specified period.

## Major Intellectual Property

### Copy right

Copy right is a legal term describing rights given to creators on their literary and artistic works.

### Related Rights

Rights granted by law to communicators of works to the public

- Performers
- Broadcasting Organizations

### Performer's Rights

It includes recording, broadcasting and communicating to the public of a live performance. Its duration is about 50 years.

### Rights of Broadcasting Organizations

It includes Broadcast Reproduction Right. It mainly focuses on Re-broadcasting, Recording and Communicating to the Public of a Broadcast. It has a duration of about 25 years.

### Patent

A patent is an exclusive right granted for an invention, which is a product or a process that provides a new way of doing something, or offers a new technical solution to a problem. The limited monopoly right granted by the state enables an inventor to prohibit another person from manufacturing, using or selling the patented product or from using the patented process, without permission. The time period of patent is about 20 years.

### Industrial

Design An industrial design is the ornamental or aesthetic aspect of an article which must appeal to the eye. The design may consist of three-dimensional features, such as the shape or surface of an article, or of two-dimensional features, such as patterns, lines or color.

### Trademark

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A trademark is a distinctive sign which identifies certain goods or services as those produced or provided by a specific person or enterprise.

## Geographical Indication

Geographical Indication is an indication which identifies goods as agricultural goods, natural goods or manufactured goods as originating, or manufactured in the territory of country, or a region or locality in that territory, where a given quality, reputation or other characteristic of such goods is essentially attributable to its geographical origin.

## Layout Design

It includes layout of transistors and other circuit elements, including lead wires connecting such elements and expressed in any manner in a semiconductor integrated circuit (IC).

## Trade secret

Some inventions, data, information cannot be protected by any of the available means of IPRs. Such information is held confidential as a trade secret. Trade secret can be an invention, idea, survey method, manufacturing process, experiment results, chemical formula, recipe, financial strategy, client database etc.

## The protection of plant varieties and farmers' rights

The Protection of Plant Variety and Farmers Right Act, 2001 (PPVFR Act) is an Act of the Parliament of India that was enacted to provide for the establishment of an effective system for protection of plant varieties, the rights of farmers and plant breeders, and to encourage the development and cultivation of new varieties of plants.

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## Seminar Photographs:



## Workshop Co-ordinators HOD EE Dept

Mr. Divakant garg

Mr. Ojaswa pratap singh

Mr. Pankaj Kumar

Mrs. Madhuri Bhoir

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## Report of Seminars

Name of the Guest : Dr. Dharmendra Dubey  
Name of the topic : Rooftop Solar Power  
Date : 05 January 2021  
Duration : One Day  
Resource person : Mr. Pramod Kumar  
Members : Faculty Members and Students

### Objective of the Seminar:

1. To provide knowledge related to Rooftop Solar Power
2. Doubt clearing session of the students related to Rooftop Solar Power

### About the Rooftop Solar Power:

Rooftop solar power is seen as a beacon of innovation and empowerment. The idea of harnessing the sun's inexhaustible energy directly from the rooftops of homes, businesses, and institutions has transformed how we think about electricity generation. This decentralized approach promises a cleaner and more sustainable future and empowers individuals and communities to take control of their energy consumption. In this discussion, we will delve into the key aspects of rooftop solar power, exploring its components, benefits, and implications for our energy landscape.

### INAUGURALSESSION

Inaugurating the seminar, the Chief Guest said that there is urgent necessity to protect the environment by generating clean and green energy through renewable sources. In the backdrop of the recent launching of National Solar Mission. The Chief Guest pointed out that, today, there is no development possible without electricity and in daily life, there is no quality without electricity. If we go on using coal for the generation of electricity, the resource will soon get exhausted. By the use of non-conventional energy, however, we can conserve coal. There is therefore, the need to generate electricity through solar. He hoped that the

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State would take a major share out of the 20,000 MW solar power generation targeted for the country by 2022



Chairman of The Institution, spoke about the multi-disciplinary professional body of Engineers of the country, the biggest in the world and narrated its activities and strengths. He expressed happiness over the initiative of Energy Conservation Mission to engender the Green Power Revolution in the country. He explained the limitations of solar power generation, as of now and the need for extensive R&D to improve its practical viability

## PANEL DISCUSSION

A panel discussion was held with eminent speakers as panelist. A set of recommendations was drawn as given in the subsequent pages. The Seminar concluded with a vote of thanks to all speakers, delegates, press, electronic media and all those who have directly or indirectly contributed to the successful holding of the seminar

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## CONCLUSIONS

- 1) Rooftop solar power is considered a clean and renewable energy source, as it produces electricity without emitting greenhouse gases. By reducing reliance on traditional fossil fuels, solar power contributes to environmental sustainability and helps combat climate change.
- 2) The core component of rooftop solar power systems is the solar panels, also known as photovoltaic (PV) panels. These panels contain solar cells that capture sunlight and convert it into direct current (DC) electricity
- 3) The DC electricity generated by the solar panels needs to be converted into alternating current (AC), the type of electricity used in most homes and businesses. An inverter is used for this conversion.
- 4) Solar panels are mounted on rooftops using various mounting structures. The orientation and tilt of the panels are designed to optimize sunlight exposure and energy production.
- 5) Many locations offer net metering, a billing arrangement that allows solar panel owners to receive credit for the excess electricity they generate and feed back into the grid. This can offset the electricity they consume when their solar panels are not producing energy, such as

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at night.

- 6) Most rooftop solar power installations are connected to the electrical grid. This allows users to draw electricity from the grid when their solar panels are not producing enough power and feed excess electricity back into the grid when producing more than needed.
- 7) In some cases, rooftop solar installations may be designed to operate independently of the grid, providing electricity directly to the building or stored in batteries for later use.
- 8) The cost of installing rooftop solar panels has decreased, making it more accessible to a wider range of consumers. Additionally, various government incentives, tax credits, and rebates may be available to encourage the adoption of solar power.

## **Workshop Co-ordinators**

Mr. Divakant garg

Mr. Pankaj Kumar

Mrs. Madhuri Bhoir

## **HOD EE Dept**

Mr. Ojaswa pratap singh

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## Notice

**Date:5-Jan-21**

It is notified for all the students of the Electrical Engineering that the Department is going to organize Seminar on “**Intellectual Property Rights**”, for all Electrical Engineering students for their benefits in the near future. The duration of the course will be off 30 contact hours which will be covered in one day.

Interested bonafide students are advised to register themselves. **The date of registration is 1-Jan-21**. If any Query regarding add on course contact to HOD.

Note:

10. The course is free of cost.
11. Minimum 70% attendance is mandatory.
12. The successful candidates will be issued certificates by the college.

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## Report On

### Intellectual Property Rights (IPR)

**Date: 02-05-2022**

**Organized by: Electrical Department**

**Time: 11:00 to 1:00 pm**

#### About the Seminar:

##### **1.Seminar on Intellectual Property Rights (IPR)**

A seminar on IPR was organised by the Department of Electrical Engineering on May 2, 2022 in the college auditorium. Mr.Ojaswa pratap singh was the resource person. He gave a brief introduction on IPR and explained the various related terms such as copyrights, patents etc.

##### **2.Seminar on Intellectual Property Rights (IPR)**

A seminar on Intellectual Property Rights was conducted on 29 January 2018. The session was handled Mr. Pankaj Kumar(Faculty of Mechanical Department, Ideal institute of technology, wada). A briefing on the session is given below.

#### **Introduction**

Intellectual property is a category of property that includes intangible creations of the human intellect, and primarily encompasses copyrights, patents, and trademarks. It also includes other types of rights, such as trade secrets, publicity rights, moral rights, and rights against unfair competition. Artistic works like music and literature, as well as some discoveries, inventions, words, phrases, symbols, and designs can all be protected as intellectual property.

The main purpose of intellectual property law is to encourage the creation of a wide variety of intellectual goods. Intellectual property rights refers to the general term for the assignment of property rights through patents, copyrights and trademarks. These property rights allow the holder

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to exercise a monopoly on the use of the item for a specified period.

## Major Intellectual Property

### Copy right

Copy right is a legal term describing rights given to creators on their literary and artistic works.

### Related Rights

Rights granted by law to communicators of works to the public

- Performers
- Broadcasting Organizations

### Performer's Rights

It includes recording, broadcasting and communicating to the public of a live performance. Its duration is about 50 years.

### Rights of Broadcasting Organizations

It includes Broadcast Reproduction Right. It mainly focuses on Re-broadcasting, Recording and Communicating to the Public of a Broadcast. It has a duration of about 25 years.

### Patent

A patent is an exclusive right granted for an invention, which is a product or a process that provides a new way of doing something, or offers a new technical solution to a problem. The limited monopoly right granted by the state enables an inventor to prohibit another person from manufacturing, using or selling the patented product or from using the patented process, without permission. The time period of patent is about 20 years.

### Industrial

Design An industrial design is the ornamental or aesthetic aspect of an article which must appeal to the eye. The design may consist of three-dimensional features, such as the shape or surface of an article, or of two-dimensional features, such as patterns, lines or color.

### Trademark

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A trademark is a distinctive sign which identifies certain goods or services as those produced or provided by a specific person or enterprise.

## Geographical Indication

Geographical Indication is an indication which identifies goods as agricultural goods, natural goods or manufactured goods as originating, or manufactured in the territory of country, or a region or locality in that territory, where a given quality, reputation or other characteristic of such goods is essentially attributable to its geographical origin.

## Layout Design

It includes layout of transistors and other circuit elements, including lead wires connecting such elements and expressed in any manner in a semiconductor integrated circuit (IC).

## Trade secret

Some inventions, data, information cannot be protected by any of the available means of IPRs. Such information is held confidential as a trade secret. Trade secret can be an invention, idea, survey method, manufacturing process, experiment results, chemical formula, recipe, financial strategy, client database etc.

## The protection of plant varieties and farmers' rights

The Protection of Plant Variety and Farmers Right Act, 2001 (PPVFR Act) is an Act of the Parliament of India that was enacted to provide for the establishment of an effective system for protection of plant varieties, the rights of farmers and plant breeders, and to encourage the development and cultivation of new varieties of plants.

Seminar Photographs:

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## **Workshop Co-ordinators**

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## A Seminar Report

on

### Mobile Computing and its Applications

**Title: Seminar on Mobile Computing and Its Applications: Empowering the Digital Era**

**Date: 10-Sep-20**

**Objective:** The objective of this report is to provide a comprehensive overview of the seminar on mobile computing and its applications held on 10-Sep-20, including the schedule, key highlights, insights gained, and recommendations for future research and development.

#### Schedule:

##### **8:00 AM - 9:00 AM: Registration and Networking**

- Participants arrived, registered, and engaged in networking activities to connect with industry professionals, researchers, and enthusiasts in the field of mobile computing.

##### **9:00 AM - 9:15 AM: Opening Ceremony and Welcome Address**

- The seminar commenced with an opening ceremony, featuring welcoming remarks from the organizers and an overview of the seminar's objectives and agenda.
- The importance of mobile computing in transforming industries, enhancing productivity, and improving quality of life was emphasized.

##### **9:15 AM - 10:00 AM: Keynote Address**

- A keynote speaker, an expert in mobile computing, delivered a keynote speech, providing insights into the evolution, trends, and future directions of mobile technology.
- Key topics included advancements in mobile hardware, software, connectivity, and user

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interfaces, as well as emerging applications such as augmented reality (AR), virtual reality (VR), and Internet of Things (IoT) integration.

## 10:00 AM - 11:00 AM: Technical Presentations

- Researchers and industry practitioners presented technical papers on various aspects of mobile computing, covering topics such as:
  - Mobile operating systems and development frameworks
  - Mobile application development best practices and case studies
  - Mobile security and privacy considerations
  - Location-based services and context-aware computing

## 11:00 AM - 11:15 AM: Coffee Break

## 11:15 AM - 12:30 PM: Case Studies and Practical Applications

- Representatives from leading companies and research institutions shared case studies and practical applications of mobile computing in diverse domains.
- Examples included mobile healthcare solutions, smart city initiatives, mobile banking services, and educational apps.

## 12:30 PM - 1:30 PM: Lunch Break

## 1:30 PM - 2:30 PM: Panel Discussion

- A panel of experts engaged in a discussion on the challenges and opportunities in mobile computing and its impact on society, economy, and technology.
- Topics included the role of mobile devices in digital transformation, addressing accessibility and inclusivity in mobile app development, and ethical considerations in mobile computing.

## 2:30 PM - 3:30 PM: Interactive Workshops and Demonstrations

- Concurrent workshops and demonstrations provided participants with hands-on experience in mobile app development, usability testing, and emerging technologies such as AR, VR, and wearable devices.

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- Participants had the opportunity to explore new tools, platforms, and techniques for creating innovative mobile applications.

## 3:30 PM - 4:00 PM: Closing Remarks and Conclusion

- The seminar concluded with closing remarks summarizing key insights and takeaways from the day's sessions.
- Acknowledgments were extended to speakers, sponsors, participants, and organizers for their contributions to the success of the event.
- Participants were encouraged to continue the dialogue, collaborate on research projects, and explore new opportunities for leveraging mobile computing to address societal challenges and drive innovation.

## Key Highlights and Insights:

1. Comprehensive overview of mobile computing technologies, applications, and trends, highlighting their transformative impact on various sectors.
2. Exchange of knowledge and best practices among researchers, practitioners, and industry experts, fostering collaboration and innovation in mobile computing.
3. Exploration of emerging technologies such as AR, VR, and IoT integration, and their potential applications in mobile computing.
4. Hands-on experience through interactive workshops and demonstrations, enhancing participants' skills and capabilities in mobile app development and emerging technologies.

## Challenges and Recommendations:

- Limited time for in-depth discussions on specific topics, suggesting the need for more extended sessions or follow-up workshops.
- Recommendations for future seminars include exploring advanced topics such as edge computing, 5G networks, and AI-driven mobile applications, as well as addressing challenges related to mobile security, privacy, and sustainability.

**Conclusion:** The seminar on mobile computing and its applications held on 10-Sep-20, provided a

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valuable platform for knowledge sharing, collaboration, and innovation in the field of mobile technology. Through insightful presentations, discussions, and interactive sessions, participants gained valuable insights into the latest developments, best practices, and challenges shaping the future of mobile computing. The event underscored the importance of ongoing research, education, and collaboration in harnessing the full potential of mobile technology to address societal challenges and drive economic growth in the digital era.

## A Seminar Report

on

### Rover Mission Using Java Technology

**Title: Rover Mission Using Java Technology: Advancing Exploration and Innovation**

**Date: 8-Apr-20**

**No. of Participants:68**

**Objective:** This report aims to provide a comprehensive overview of the one-day rover mission using Java technology, held on 8-Apr-20. It includes the schedule, key highlights, insights gained, and recommendations for future missions and technology development.

#### Schedule:

##### **8:00 AM - 8:30 AM: Registration and Briefing**

- Participants arrived and registered for the rover mission.
- An introductory briefing was conducted to outline the objectives, tasks, and safety protocols for the day.

##### **8:30 AM - 9:00 AM: Introduction to Java Technology in Space Exploration**

- A presentation provided an overview of Java technology and its applications in space exploration, highlighting its role in developing software for rovers, satellites, and mission control systems.

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## 9:00 AM - 10:30 AM: Java Programming Workshop

- Participants engaged in a hands-on Java programming workshop, learning basic syntax, data structures, and algorithms relevant to rover mission software development.
- Exercises included writing code to control simulated rover movements and collect sensor data.

## 10:30 AM - 11:00 AM: Coffee Break

## 11:00 AM - 12:30 PM: Rover Mission Simulation

- Participants formed teams and collaborated to design and implement Java-based software modules for controlling a simulated rover.
- Tasks included navigation, obstacle avoidance, data collection, and communication with mission control.

## 12:30 PM - 1:30 PM: Lunch Break

## 1:30 PM - 3:00 PM: Integration and Testing

- Teams integrated their software modules to create a unified rover control system.
- Testing was conducted in simulated environments to validate the functionality, reliability, and performance of the software.

## 3:00 PM - 4:30 PM: Mission Execution and Data Analysis

- Participants executed the rover mission in a simulated Martian terrain, monitoring rover operations and collecting telemetry data.
- Data analysis sessions were conducted to interpret sensor readings, assess mission performance, and troubleshoot any issues encountered.

## 4:30 PM - 5:00 PM: Debriefing and Conclusion

- A debriefing session provided an opportunity for participants to share their experiences, lessons learned, and insights gained from the rover mission.
- Closing remarks highlighted the achievements of the day and expressed gratitude to participants, organizers, and sponsors for their contributions.

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## Key Highlights and Insights:

1. Hands-on experience in Java programming for space exploration applications, including rover control and mission planning.
2. Collaboration and teamwork among participants in designing, implementing, and testing rover software modules.
3. Simulation-based learning environment providing a realistic and immersive experience of rover mission operations.
4. Insights into the challenges and complexities of rover mission design, execution, and data analysis.

## Challenges and Recommendations:

- Limited time for hands-on programming and mission execution, suggesting the need for more extended sessions or follow-up workshops.
- Recommendations for future missions include incorporating advanced topics such as machine learning, autonomous navigation, and multi-rover coordination using Java technology.

**Conclusion:** The rover mission using Java technology held on 8-Apr-20, provided a unique and immersive learning experience for participants interested in space exploration and software development. Through hands-on programming, simulation-based exercises, and mission execution, participants gained valuable insights into the role of Java technology in rover mission design, operation, and data analysis. The event highlighted the importance of interdisciplinary collaboration and hands-on learning in advancing space exploration and fostering innovation in software development.

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## Seminar

on

## Random Number Generation

**Title: Seminar on Random Number Generation: Exploring Methods and Applications**

**Date: 13-Feb-20**

**No. of Participants: 56**

**Objective:** The objective of this report is to provide a comprehensive overview of the seminar on random number generation held on May 1, 2024, including the schedule, key highlights, insights gained, and recommendations for future research and applications.

### Schedule:

#### 8:00 AM - 9:00 AM: Registration and Networking

- Participants arrived and registered for the seminar, engaging in networking activities to foster connections and collaborations among researchers, practitioners, and enthusiasts in the field of random number generation.

#### 9:00 AM - 9:15 AM: Opening Ceremony and Welcome Address

- The seminar commenced with an opening ceremony, featuring welcoming remarks from the organizers and an overview of the objectives and agenda for the day.
- The importance of random number generation in various fields, including cryptography, simulation, and scientific computing, was highlighted.

#### 9:15 AM - 10:00 AM: Keynote Address

- A distinguished expert in random number generation delivered a keynote speech, providing insights into the fundamentals, methods, and applications of random number generation.
- Key topics included pseudo-random number generators (PRNGs), true random number

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generators (TRNGs), statistical properties of random sequences, and the role of randomness in computational algorithms.

## 10:00 AM - 11:00 AM: Technical Presentations

- Researchers and practitioners presented technical papers on different aspects of random number generation, covering topics such as:
  - Evaluation and comparison of PRNG algorithms
  - Hardware-based TRNG implementations and entropy sources
  - Applications of random numbers in cryptography, gaming, and Monte Carlo simulations
  - Challenges and best practices in ensuring randomness and statistical quality of generated sequences

## 11:00 AM - 11:15 AM: Coffee Break

## 11:15 AM - 12:30 PM: Case Studies and Practical Applications

- Industry experts and academic researchers shared case studies and practical applications of random number generation in various domains.
- Examples included the use of random numbers in cryptographic protocols, gaming software, financial modeling, and statistical analysis.

## 12:30 PM - 1:30 PM: Lunch Break

## 1:30 PM - 2:30 PM: Panel Discussion

- A panel comprising experts from academia, industry, and regulatory bodies engaged in a lively discussion on current trends, challenges, and future directions in random number generation.
- Topics included the impact of emerging technologies such as quantum computing on random number generation, regulatory requirements for cryptographic applications, and the need for standardized testing methodologies.

## 2:30 PM - 3:30 PM: Interactive Workshops and Demonstrations

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- Concurrent workshops and demonstrations provided participants with hands-on experience in generating and analyzing random numbers using different algorithms and techniques.
- Participants had the opportunity to explore software tools, libraries, and hardware devices for random number generation.

### 3:30 PM - 4:00 PM: Closing Remarks and Conclusion

- The seminar concluded with closing remarks summarizing key insights and takeaways from the day's discussions and presentations.
- Acknowledgments were extended to speakers, sponsors, participants, and organizers for their contributions to the success of the event.
- Participants were encouraged to continue the dialogue, collaborate on research projects, and explore new avenues for advancing the field of random number generation.

### Key Highlights and Insights:

1. Comprehensive overview of random number generation methods, algorithms, and applications across various disciplines.
2. Exchange of knowledge and best practices among researchers, practitioners, and industry experts.
3. Exploration of emerging trends, challenges, and opportunities in random number generation, including the impact of new technologies and regulatory considerations.
4. Hands-on experience through interactive workshops and demonstrations, enhancing understanding and practical skills in generating and analyzing random numbers.

### Challenges and Recommendations:

- Limited time for in-depth discussions on specific topics, suggesting the need for more extended sessions or follow-up workshops.
- Recommendations for future seminars include exploring advanced topics such as quantum random number generation, addressing security and privacy concerns, and promoting interdisciplinary collaborations to foster innovation in random number generation.

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techniques and applications.

**Conclusion:** The seminar on random number generation held on May 1, 2024, provided a valuable platform for researchers, practitioners, and enthusiasts to explore the theory, methods, and applications of random number generation. Through insightful presentations, discussions, and interactive sessions, participants gained a deeper understanding of the role of randomness in computational algorithms, cryptographic protocols, and statistical analysis. The event highlighted the importance of ongoing research, collaboration, and education in advancing the field of random number generation and its applications in diverse domains.

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**Seminar report**  
**on**  
**Entrepreneurship Development**

**Date: 5th October, 2018.**

**Time: 10 am- 01.00 pm**

**No. of Participants: 92**

Venue: Engineering Classroom, ground Floor, Building 02 IIT Wada.

Target Audience: SE Students (ideal institute of technology)

Department of Electrical Engineering has organized a Seminar on - "Entrepreneurship" on 5th October, 2018. To improve on the backwardness of people, economic development of a country and to analyse resources utilization and Proper utilization of human potentiality, Special attention need to take up new activities and to create self-employment and generation of employment opportunity for better economic gain. Engineering entrepreneur is of great importance to know about him on the basis of individual consideration. These consideration give him ample scope to face his own self by asking the question "Who I am?" If he can give meaningful answer to this complex question with exemplary courage and utter personal disregard to being exposed, then it helps him in getting a fair idea about himself. On the whole it helps him to making the right decision in choosing the right path for getting involved for deciding the future course of action. This is nothing but a self-identification process. After having being properly identify his strength, weakness and ability, he can make a decision of his choice. The concept of growth theory seems to be closely related in explaining the theory of entrepreneurship development as well. After the Second World War entrepreneurship received new meaning for attaining economic development within the shortest possible time. To analyse resources utilization and Proper utilization of human

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potentiality, special attention to take up new activities and to create self-employment and generation of employment opportunity for better economic gain. With the zest to have industry academic alliance and to bridge the gap between academics and industry it is necessary to introduce such demanded topics for students as a looking beyond syllabus Seminar. 92 students have attended the Seminar. Remarkable Feedback was received from students and they have demanded for more such seminar.

The Entrepreneurship Drive was conducted by E-Leaders. The Main motive behind this was to spread awareness about Entrepreneurship and E-cell

## **1] Reason for choosing entrepreneurship over jobs**

The panellists agreed that passion was the driving force behind them wanting to choose entrepreneurship over jobs. Although they did fail initially, but their passion and the will to do something different is what made them the successful entrepreneurs of today.

## **2] Necessity of evolution in a start-up**

Any business market is dynamic. Since the customers always crave for the next best thing, start-ups are only left with two choices – either they evolve or the market forces them to evolve. Nevertheless, it is necessary for an entrepreneur to be aware of the changes and keep on evolving his strategies with the need of the times.

## **3] What is important – idea or execution?**

Both idea and execution are equally important. An idea should be path breaking, profitable and impactful. The key point is to keep it simple. And because, any successful venture comprises of 1% idea and 99% execution.

## **4] High salaried market jobs v/s entrepreneurship**

It was stated that high salaried jobs are a myth. Because jobs give you stability and security and an

A Unit Of Ideal Foundation

At Village - Posheri, Taluka - Wada, District - Palghar - 421 303. Maharashtra

Contact : +91 7678002000, E-mail : idealinstituteoftechnology13@gmail.com, Website : www.idealwada.com





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entrepreneur's journey is wild and insecure, Rakesh Sharma stated that money should not be a driving factor. While all agreed with the former, the latter was refuted by Vishal Bhargava in good humour, who stated that money should always be the driving factor as it motivates people to work better and improve.

## 5] Difference between US and Indian start-ups

USA is a business friendly country. Entrepreneurship is ingrained in their culture. India is a developing country. The Indian start-up ecosystem is improving greatly, because the cost of starting a start-up in India is comparatively less than that compared to USA. Also, the opportunities that Indian markets offer is unparalleled.

## 6] Investor importance in a start-up and their experiences

Though the involvement of investors plays a pretty important role, bootstrapping is highly recommended because it leaves you free to develop an idea according to your own specifications. Because as soon as you get an investor, you suddenly find yourself having a job since, he'll demand a return on investment. The key point is to perfect your product and bootstrap initially, and have faith in it. Approaching investors should always be the last option, because you can't expect an investor to invest in your product unless and until you believe in it.

## 7] Need of new start-ups in already established sectors

Start-ups can be started in already established sectors too. All an entrepreneur needs to do is to find the difference and work on it. Because any business that has grown, has disrupted likeminded old businesses

At the end, the panellists gave valuable advice to the students. In their address they told the aspiring

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At Village - Posheri, Taluka - Wada, District - Palghar - 421 303. Maharashtra

Contact : +91 7678002000, E-mail : idealinstituteoftechnology13@gmail.com, Website : www.idealwada.com



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entrepreneurs to go with the flow. Validate your concept and aim it at a higher level step by step. They also told them to start participating in competitions in order to give them an idea of a start-up life. And lastly, they advised the students to follow their passion and to sell their story, look out for long term impact and work to create your own legacy.

## Seminar Photographs:



## Workshop Co-ordinators

Mr. Divakant garg

Mr. Pankaj Kumar

Mrs. Madhuri Bhoir

A Unit Of Ideal Foundation

At Village - Posheri, Taluka - Wada, District - Palghar - 421 303. Maharashtra

Contact : +91 7678002000, E-mail : idealinstituteoftechnology13@gmail.com, Website : www.idealwada.com



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## A Seminar Report

on

## Hybrid Electric Vehicle

**Title: Seminar on Hybrid Electric Vehicle: Exploring Innovation and Sustainability**

**Date: 12th Sept, 2018.**

**Objective:** This report aims to provide a comprehensive overview of the seminar on Hybrid Electric Vehicles (HEVs) held on May 1, 2024, including the schedule, key highlights, insights gained, and recommendations for future initiatives.

### Schedule:

#### 8:00 AM - 9:00 AM: Registration and Networking

- Participants arrived, registered, and engaged in networking activities, fostering connections among industry professionals, researchers, and enthusiasts.

#### 9:00 AM - 9:15 AM: Opening Ceremony and Welcome Address

- The seminar commenced with an opening ceremony, featuring welcoming remarks from the organizers and dignitaries.
- The importance of HEVs in achieving sustainability goals and reducing carbon emissions was emphasized.

#### 9:15 AM - 10:00 AM: Keynote Address

- A distinguished expert in the field of sustainable transportation delivered a keynote speech, providing insights into the evolution, benefits, and challenges of HEVs.
- Key topics included the integration of hybrid technology, advancements in battery technology, and market trends shaping the future of electric mobility.

#### 10:00 AM - 11:00 AM: Technical Presentations

- Industry leaders and researchers presented technical papers on various aspects of HEVs,

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At Village - Posheri, Taluka - Wada, District - Palghar - 421 303. Maharashtra

Contact : +91 7678002000, E-mail : idealinstituteoftechnology13@gmail.com, Website : www.idealwada.com



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covering topics such as:

- Hybrid powertrain architectures and optimization techniques
- Battery management systems and energy storage solutions
- Integration of renewable energy sources in hybrid systems
- Lifecycle analysis and environmental impact assessment of HEVs

## **11:00 AM - 11:15 AM: Coffee Break**

## **11:15 AM - 12:30 PM: Case Studies and Best Practices**

- Representatives from automotive manufacturers and technology providers shared case studies and best practices in the development, deployment, and operation of HEVs.
- Real-world examples demonstrated the performance, efficiency, and sustainability benefits of hybrid electric propulsion in various applications, including passenger vehicles, commercial fleets, and public transportation.

## **12:30 PM - 1:30 PM: Lunch Break**

## **1:30 PM - 2:30 PM: Panel Discussion**

- A panel comprising industry experts, policymakers, and academics engaged in a dynamic discussion on the opportunities and challenges in transitioning to HEVs.
- Topics explored included government incentives, infrastructure development, consumer adoption, and the role of regulatory frameworks in promoting sustainable mobility solutions.

## **2:30 PM - 3:30 PM: Interactive Workshops and Demonstrations**

- Concurrent workshops and demonstrations provided hands-on experiences and practical insights into HEV technology.
- Participants had the opportunity to explore hybrid powertrains, battery systems, regenerative braking, and other innovative features through interactive exhibits and simulations.

## **3:30 PM - 4:00 PM: Closing Remarks and Conclusion**

- The seminar concluded with closing remarks, summarizing key takeaways and insights

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Contact : +91 7678002000, E-mail : idealinstituteoftechnology13@gmail.com, Website : www.idealwada.com





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gained throughout the day.

- Acknowledgments were extended to speakers, sponsors, participants, and organizers for their contributions to the success of the event.
- Participants were encouraged to continue the dialogue, collaborate on future initiatives, and drive progress towards a sustainable future through the adoption of hybrid electric vehicles.

## Key Highlights and Insights:

1. In-depth discussions and presentations provided a comprehensive understanding of hybrid electric vehicle technology and its role in sustainable transportation.
2. Case studies and best practices showcased successful implementations of HEVs across various sectors, highlighting their environmental and economic benefits.
3. Panel discussions facilitated dialogue among stakeholders, fostering collaboration and identifying opportunities for further advancements in hybrid mobility.
4. Interactive workshops and demonstrations offered participants hands-on experiences, enhancing learning and engagement.

## Challenges and Recommendations:

- Limited time for discussions and interactions during certain sessions, suggesting the need for more extended formats or follow-up events.
- Recommendations for future seminars include diversifying session formats, incorporating virtual components for broader participation, and addressing specific challenges related to infrastructure and policy support for HEVs.

**Conclusion:** The seminar on Hybrid Electric Vehicles held on 12th Sept, 2018, served as a platform for knowledge sharing, collaboration, and innovation in the field of sustainable transportation. Through engaging presentations, discussions, and interactive sessions, participants gained valuable insights into the latest developments, best practices, and challenges shaping the future of HEVs. The event underscored the importance of continued efforts to promote and accelerate the adoption of hybrid electric propulsion as a key enabler of environmentally friendly mobility solutions.

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Contact : +91 7678002000, E-mail : idealinstituteoftechnology13@gmail.com, Website : www.idealwada.com



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Seminar Photographs:



## Workshop Co-ordinators

Mr. Divakant garg

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At Village - Posheri, Taluka - Wada, District - Palghar - 421 303. Maharashtra

Contact : +91 7678002000, E-mail : [idealinstituteoftechnology13@gmail.com](mailto:idealinstituteoftechnology13@gmail.com), Website : [www.idealwada.com](http://www.idealwada.com)



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## A Seminar Report

on

## Leaf Spring

**Title: Seminar on Leaf Spring: A Comprehensive Report**

**Date: 6-Mar-18**

**Objective:** The objective of this report is to document the proceedings, insights, and outcomes of the seminar on leaf spring held on 6-Mar-18.

### Schedule:

#### 8:00 AM - 9:00 AM: Registration and Networking

- Participants arrived and registered for the seminar.
- Networking session allowed participants to interact and exchange ideas.

#### 9:00 AM - 9:15 AM: Opening Remarks

- Introduction of the seminar's objectives and agenda by the organizer.
- Welcome address to participants and acknowledgment of sponsors.

#### 9:15 AM - 10:00 AM: Keynote Address

- Renowned expert in automotive engineering delivered a keynote speech on the history, evolution, and importance of leaf springs in vehicle suspension systems.
- Highlighted recent advancements, challenges, and future trends in leaf spring technology.

#### 10:00 AM - 11:00 AM: Technical Presentations

- Series of technical presentations by industry professionals and researchers on various

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aspects of leaf spring design, materials, manufacturing, and applications.

- Topics included:
  - Design optimization techniques for leaf springs
  - Material selection criteria and advancements in composite leaf springs
  - Manufacturing processes and quality control measures
  - Performance evaluation and testing methodologies

## **11:00 AM - 11:15 AM: Coffee Break**

## **11:15 AM - 12:30 PM: Case Studies and Practical Applications**

- Case studies presented by automotive manufacturers and suppliers showcasing real-world applications of leaf spring technology.
- Demonstrations of innovative designs, materials, and manufacturing techniques to enhance performance, durability, and cost-effectiveness.

## **12:30 PM - 1:30 PM: Lunch Break**

## **1:30 PM - 2:30 PM: Panel Discussion**

- Panel comprising industry experts, researchers, and practitioners engaged in a lively discussion on current challenges, opportunities, and future directions in leaf spring technology.
- Addressed questions from the audience and provided valuable insights and recommendations.

## **2:30 PM - 3:30 PM: Interactive Sessions and Workshops**

- Breakout sessions and workshops facilitated by subject matter experts to delve deeper into specific topics of interest.
- Participants engaged in hands-on activities, simulations, and discussions to enhance learning and collaboration.

## **3:30 PM - 4:00 PM: Closing Remarks and Conclusion**

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- Recap of key highlights, takeaways, and insights from the seminar.
  - Expressions of gratitude to speakers, sponsors, participants, and organizers for their contributions and support.
  - Announcement of future events and opportunities for continued engagement and collaboration.

## Key Insights and Outcomes:

1. Comprehensive understanding of leaf spring technology, including design principles, materials, manufacturing processes, and applications.
2. Exposure to recent advancements, best practices, and emerging trends in the field of automotive suspension systems.
3. Networking opportunities for participants to connect with industry experts, researchers, and fellow professionals.
4. Platform for knowledge sharing, exchange of ideas, and collaborative problem-solving to address current challenges and drive innovation in leaf spring technology.

## Challenges Faced:

- Limited time for in-depth discussions and interactions during the seminar sessions.
- Difficulty in accommodating diverse interests and expertise levels of participants within the schedule constraints.

## Recommendations for Future Seminars:

- Extend the duration of the seminar to allow for more interactive sessions, workshops, and networking opportunities.
- Incorporate virtual components to enable remote participation and reach a wider audience.
- Diversify the topics and speakers to cover a broader range of subjects related to automotive engineering and technology.

**Conclusion:** The seminar on leaf spring held on 6-Mar-18, provided a valuable platform for

A Unit Of Ideal Foundation

At Village - Posheri, Taluka - Wada, District - Palghar - 421 303. Maharashtra

Contact : +91 7678002000, E-mail : idealinstituteoftechnology13@gmail.com, Website : www.idealwada.com



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industry professionals, researchers, and enthusiasts to explore the latest developments and trends in automotive suspension systems. Through a series of informative presentations, interactive sessions, and engaging discussions, participants gained insights into the design, materials, manufacturing, and applications of leaf springs, laying the foundation for future collaborations and advancements in the field.

## Seminar Photographs:



Co-ordinators HOD Mechanical Dept

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At Village - Posheri, Taluka - Wada, District - Palghar - 421 303. Maharashtra

Contact : +91 7678002000, E-mail : idealinstituteoftechnology13@gmail.com, Website : www.idealwada.com



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## A Seminar Report

on

## Smart camera for traffic Surveillance

**Title: Implementation of Smart Camera for Traffic Surveillance: A Daily Report**

**Date: 22-Feb-18**

**Objective:** The objective of this report is to document the activities and progress made in implementing a smart camera system for traffic surveillance on 22-Feb-18.

### Schedule:

#### 8:00 AM - 8:30 AM: Setup and Briefing

- Arrived at the project site and conducted a brief meeting with the team to discuss the agenda for the day.
- Reviewed the project timeline and assigned tasks to team members.

#### 8:30 AM - 10:00 AM: Installation of Smart Cameras

- Installed smart cameras at strategic locations across the designated area for traffic surveillance.
- Ensured proper alignment and calibration of cameras for optimal coverage.
- Tested camera functionality and connectivity to the central monitoring system.

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## 10:00 AM - 12:00 PM: Integration with Monitoring System

- Integrated the newly installed smart cameras with the existing monitoring system.
- Configured settings for real-time video streaming and data collection.
- Conducted thorough testing to ensure seamless integration and data accuracy.

## 12:00 PM - 1:00 PM: Lunch Break

## 1:00 PM - 3:00 PM: Fine-Tuning and Optimization

- Fine-tuned camera settings to enhance image quality and minimize false alerts.
- Optimized algorithms for vehicle detection, license plate recognition, and traffic flow analysis.
- Conducted field tests to validate the accuracy and effectiveness of the system.

## 3:00 PM - 4:30 PM: Data Analysis and Reporting

- Analyzed collected data to identify traffic patterns, congestion hotspots, and compliance with traffic regulations.
- Generated reports highlighting key insights and recommendations for traffic management strategies.
- Prepared presentations for stakeholders to showcase the capabilities and benefits of the smart camera system.

## 4:30 PM - 5:00 PM: Wrap-up and Documentation

- Conducted a team meeting to review the day's accomplishments and address any issues or concerns.
- Documented the activities, findings, and outcomes of the day in a comprehensive report.
- Scheduled follow-up meetings and tasks for the next phase of the project.

## Key Achievements:

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1. Successful installation and integration of smart cameras for traffic surveillance.
2. Optimization of camera settings and algorithms to improve system performance.
3. Collection of valuable data for traffic analysis and decision-making.
4. Preparation of reports and presentations for stakeholders.

## Challenges Faced:

- Initial setup and alignment of cameras required more time than anticipated.
- Fine-tuning algorithms for accurate vehicle detection posed challenges due to varying lighting and weather conditions.

## Recommendations for Future Work:

- Explore advanced machine learning techniques to enhance the accuracy of vehicle detection and license plate recognition.
- Implement additional sensors or technologies to complement smart cameras for comprehensive traffic monitoring.
- Collaborate with local authorities to integrate the traffic surveillance system with existing infrastructure for efficient traffic management.

**Conclusion:** The implementation of a smart camera system for traffic surveillance on 22-Feb-18, marked a significant milestone in enhancing traffic management and safety measures. Despite some challenges, the team successfully installed, integrated, and optimized the system to provide valuable insights for traffic analysis and decision-making. With further refinement and collaboration, the smart camera system holds great potential to revolutionize traffic surveillance and contribute to the development of smarter and safer cities.

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**Co-ordinatorsHOD Computer Dept**

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