

**SNJB**



**News Bulletin**

# **Computer Buzz**

**Volume: 9 , Issue: 1 AY. 2023-24 (Semester I)**



**SNJB's**  
 Late Sau. Kantabai Bhavarlalji Jain  
**College of Engineering**  
(Jain Gurukul) Neminagar, Chanchad, Dist. Nashik (MS)

**VISION**

Transform young aspirant learners towards creativity and professionalism for societal growth through quality technical education.

**MISSION**

- To share values, ideas, beliefs by encouraging faculties and students for welfare of society.
- To acquire the environment of learning to bridge the gap between industry and academics.
- To enhance diverse career opportunities among students for building nation.
- To transfer the suitable technology particularly for rural development.

**SNJB's**  
 Late Sau. Kantabai Bhavarlalji Jain  
**College of Engineering**  
(Jain Gurukul) Neminagar, Chanchad, Dist. Nashik (MS)

**Department of Computer Engineering**

**VISION**

To empower young generations for significant contribution in the field of computer engineering through excellence in knowledge, technical education and innovation to cater the industrial demands and societal needs.

**MISSION**

- To achieve academic excellence by inculcating basic and latest knowledge in which new idea flourish.
- To undertake collaborative training which offer opportunities for long term interaction with academia and industry.





**SHRI.DINESH KUMAR JI SHRI. ZUMBARLALJI SHRI. SUNILJI  
LODHA BHANDARI CHOPDA**

**DIRECTORS OF COLLEGE OF ENGINEERING**

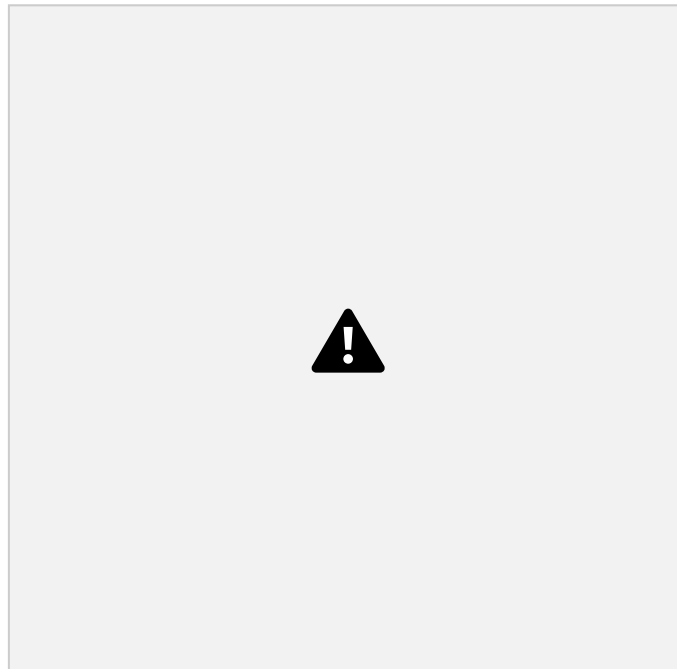
## **SOURCE OF MOTIVATION**



**DR. R. G. TATED  
PRINCIPAL**

**DR. M. R. SANGHAVI  
VICE-PRINCIPAL**

  
**SNJB**



## **DR. K. M. SANGHAVI**

It gives me great satisfaction to welcome you all on behalf of the entire Computer engineering department. Happy to share the release of Computer Buzz, Vol-9 Issue-1. Dedication, Devotion and Determination are keys to success in any endeavor. With the due respect Department of Computer Engineering believe in the philosophy of “Learning by Doing”.

It is heartening to see the transformational programs of our government such as DigitalIndia, Skill India, Stand-Up India .In the same context our department has adopted the practical solutions based on ‘RoboticTheme’.

Department aims to ‘Go Green’ by using digital technology and making the system paperless ultimately saving the environment. The department encompasses a fine blend of renowned as well as young and dynamic faculties who promote the theme using the digital medium ; the blog for sharing their teaching and other technological information making it global ; Google Classroom for interacting with the students to upload their assignments/classwork which students can access any time, any where ; Google Forms to conduct mock tests for Online Examinations.

Apart from academic activities, encouragement to appear for extra as well as co curricular activities and many other academic excellence certainly pave a red carpet welcome to the hard working students in the department. Parent Teacher Meet, Salesforce Training, Internship Program & multiple programs under banner of CSI & SPACE are highlights of this semester.

The Alumni of the Institute have done exceedingly well in all walks of life at both national and international levels, brought name and fame for themselves as well as to their parent institute.

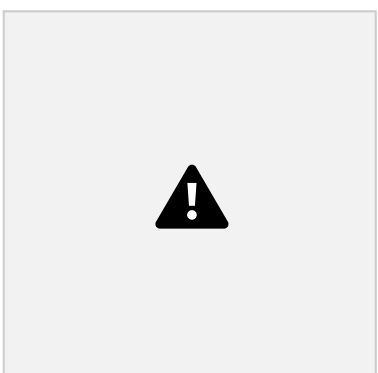
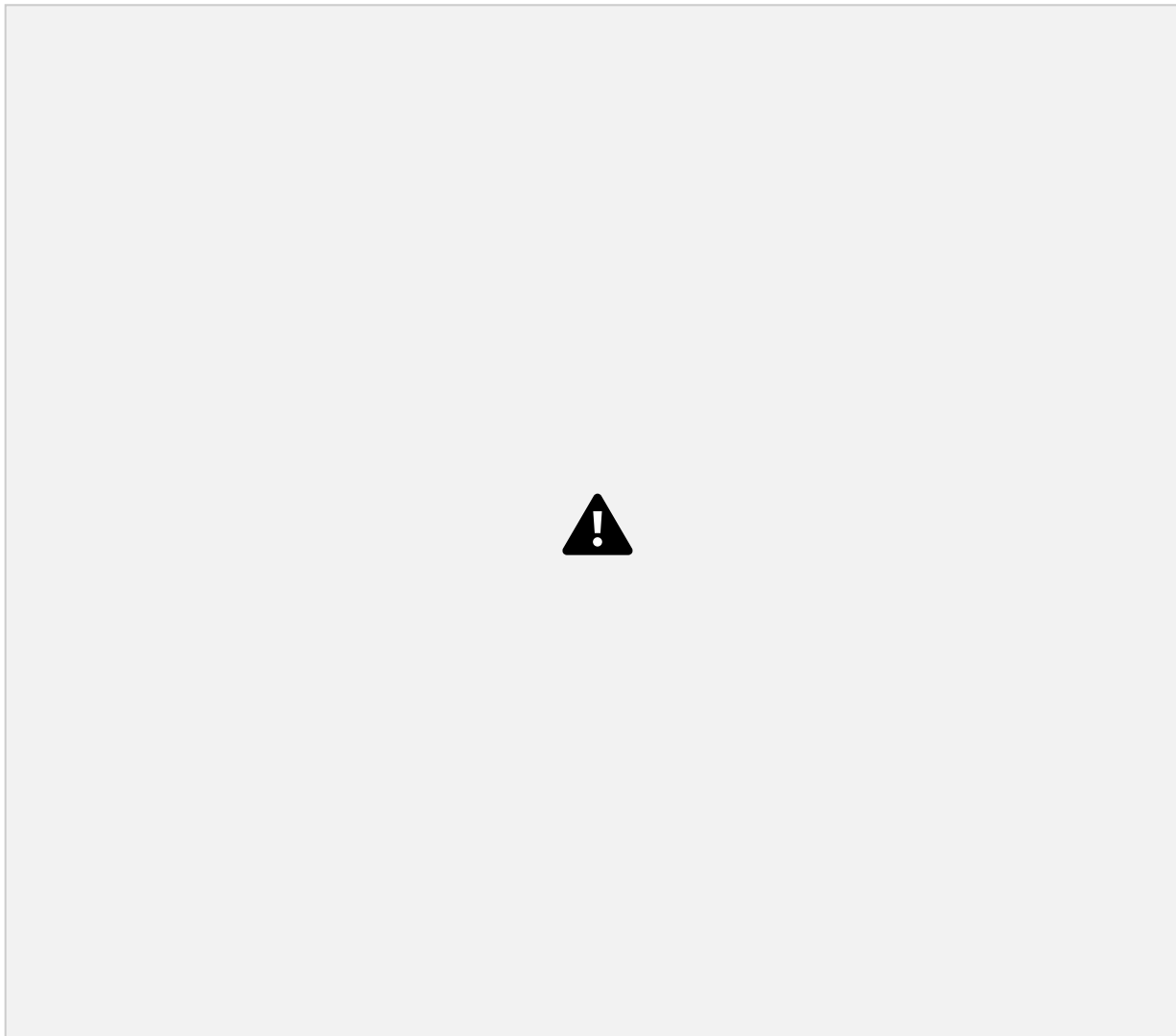


**SR. NO CONTENT PAGE NO 1 EVENTS 6 2 STAFF**

**ACHIEVEMENT 9 3 STUDENT'S ACHIEVEMENTS 17 4 T & P**

**DASHBOARD 19 5 NEWS AND COVERAGE MEDIA 22 6**

**PLACEMENT 24 7 STUDENTS ARTICLE 27**



**SR. NO NAME OF EVENT DATE OF**

**CONDUCTION RESOURCE PERSON**

**1 Short Video Competition on**

National Education Policy<sup>24/07/2023</sup> NA <sup>2</sup>Mahindra Pride Training by Nandi

Foundation For BE Girl students<sup>24/7/2023 to 29/7/2023</sup>Ms.Priyanka Sharma & Ms  
Bimla Saxena

<sup>3</sup>Expert Session on Strategies for

selecting Project Topic<sup>5/8/2023</sup> NA <sup>4</sup>Level-5 Beginner Level Japanese

Language Course Webinar<sup>5/8/2023</sup>Mrs. Aradhana Rajiv Panjabi, JLPT Certified.

<sup>5</sup>Webinar on Career Opportunities

through GATE Exam<sup>7/8/2023</sup> Mr.Prateek Mishra <sup>6</sup>Handson Session on Git and Open

Source Tools<sup>21/8/2023</sup> NA <sup>7</sup> Rakshabandhan Event for Orphans <sup>28/8/2023</sup>

NA

<sup>8</sup> Session on Effective Email Writing <sup>1/9/2023</sup> Mr. Parag Achaliya <sup>9</sup>Awareness Session on

Women

safety<sup>1/9/2023</sup>Assistant Police Inspector Jadhav Sir

<sup>10</sup>Building Effective Communication

skills<sup>4/9/2023</sup>Mrs. Neeraja Prasad Gangaraju

<sup>11</sup> Stress Management <sup>7/9/2023</sup> Mrs. S. P. Achaliya <sup>12</sup>One Day Workshop on

“Experiential Learning”<sup>9/9/2023</sup>Mr.Ashish Rangari & Mr. Vishal Deshmukh

<sup>13</sup>Poster Exhibition on Environment

and Sustainability<sup>23/9/2023</sup> NA <sup>14</sup> Teachers Day Celebration <sup>25/9/2023</sup> NA

<sup>15</sup> Seminar on Literature Survey <sup>6/10/2023</sup> NA

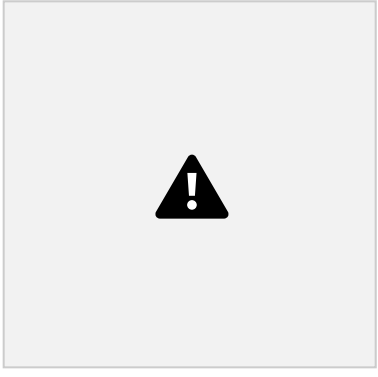
<sup>16</sup> Advance Socket Programming <sup>10/10/2023</sup>Mr. Shelake Nitin Laxman

<sup>17</sup> Latex Workshop <sup>14/10/2023</sup> Dr. K.R.Nirmal, <sup>18</sup>Machine Learning Model: Design

to Deploy<sup>16/10/2023</sup>Mr. Lunawat Sujal Mr. Gujarati Siddhant

<sup>19</sup>Career Opportunity In Cyber

Security<sup>21/10/2023</sup> NA

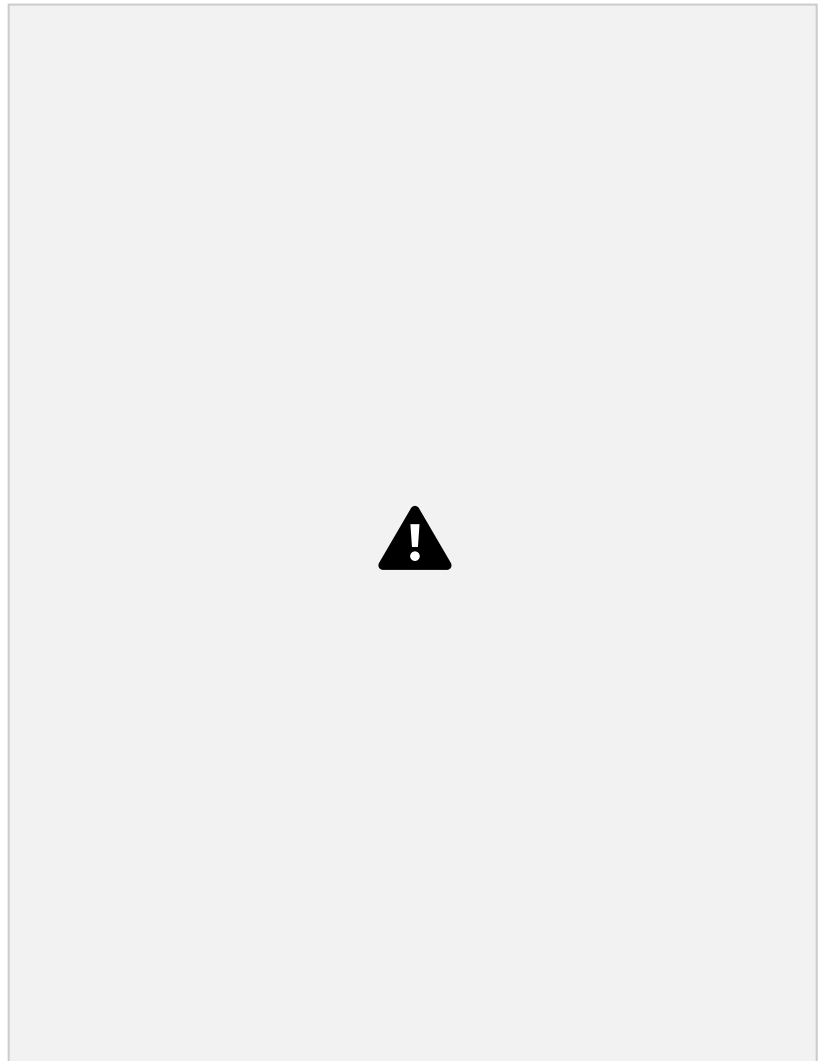
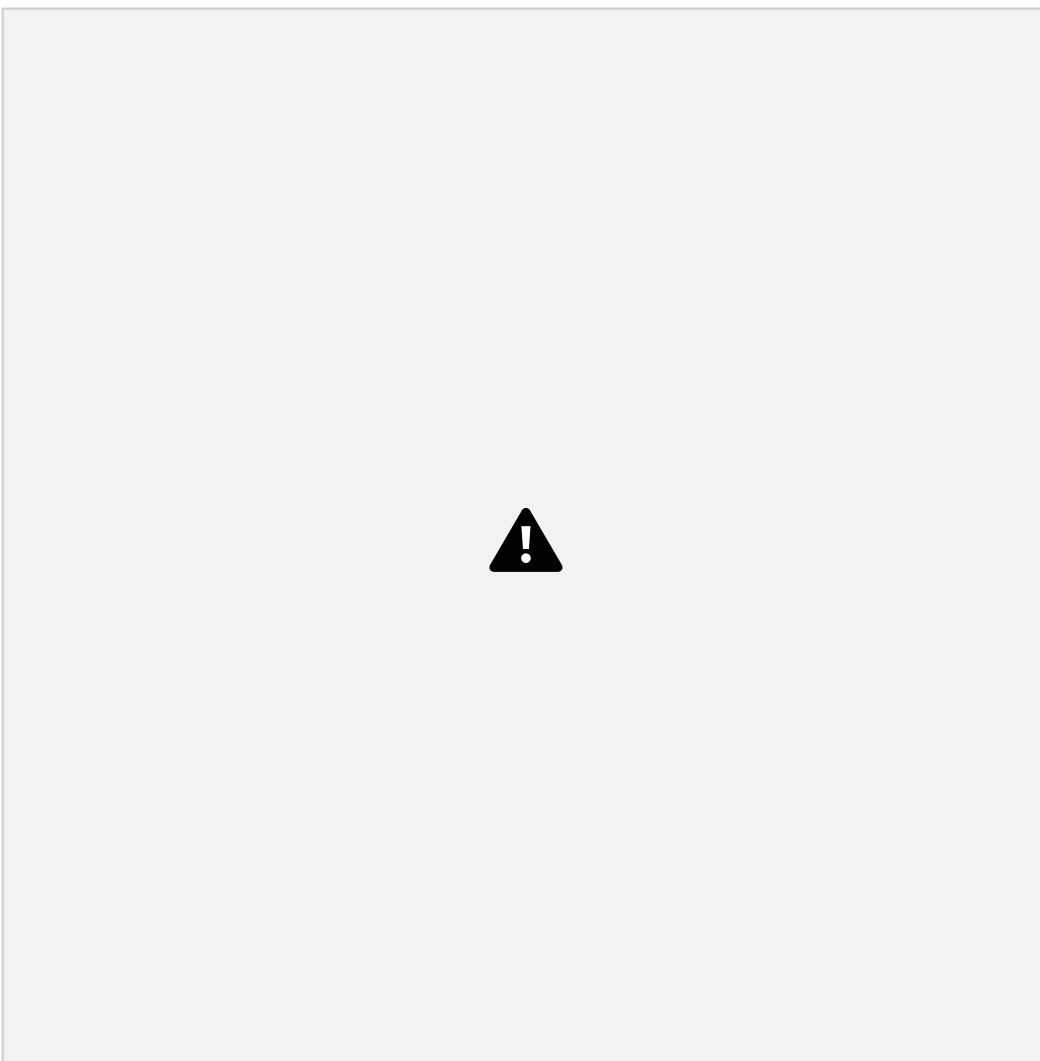


Mahindra Pride Training by Nandi Foundation For BE Girl students  
By Ms.Priyanka Sharma & Ms Bimla Saxena



Sustainability  
Rakshabandhan Event for Orphans

Poster Exhibition on Environment and



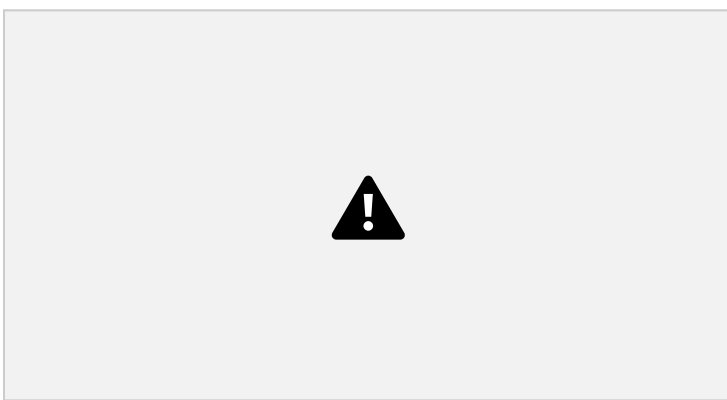
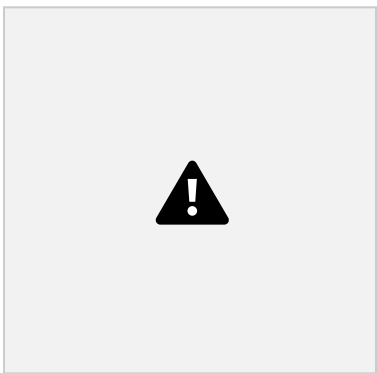
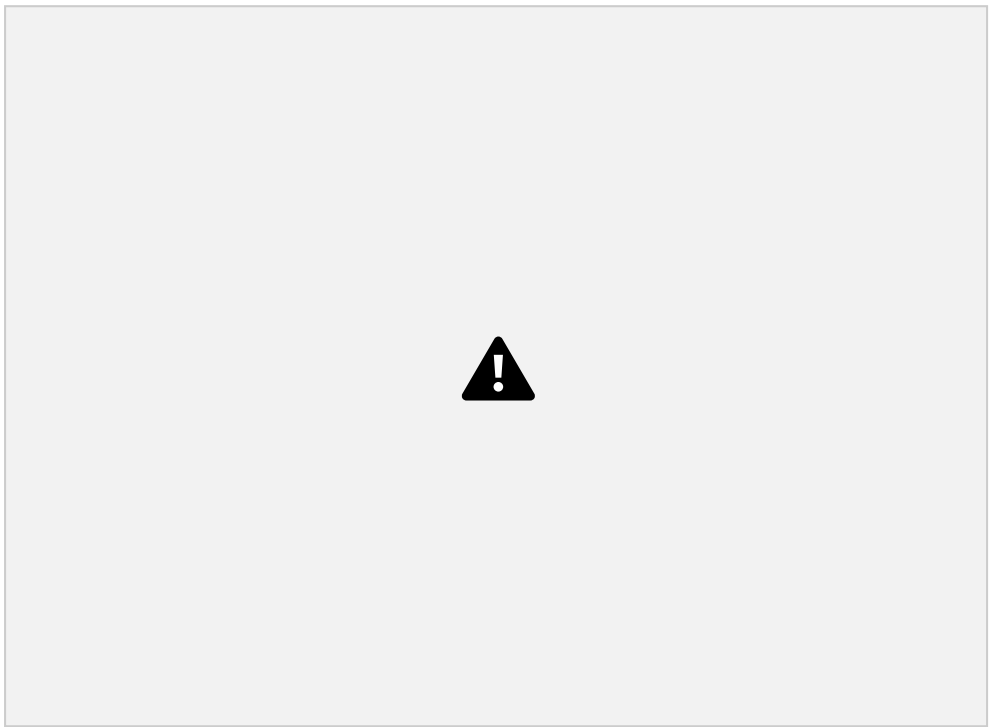
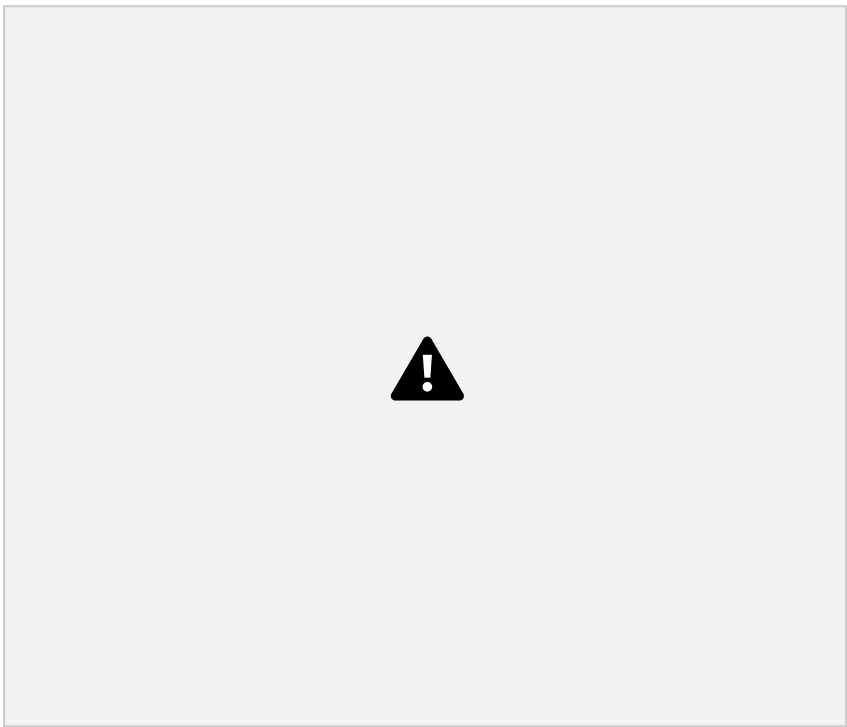


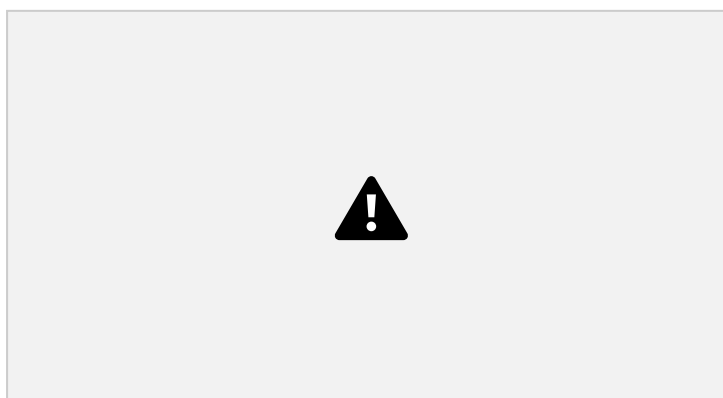
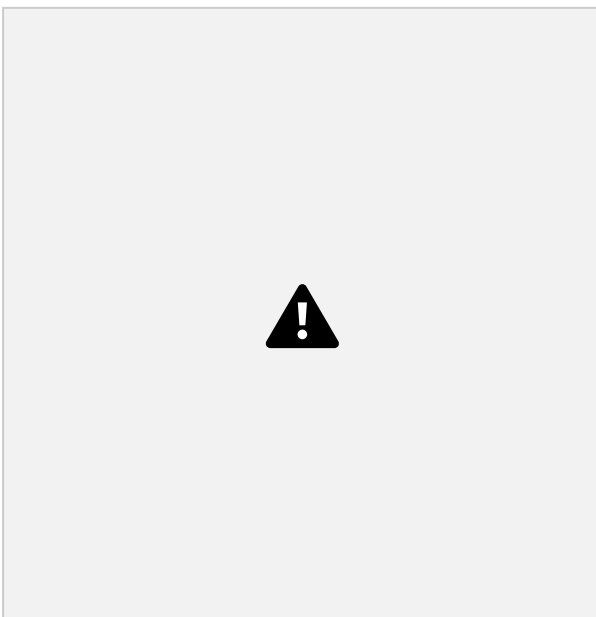
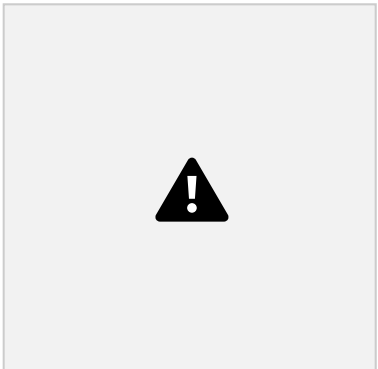
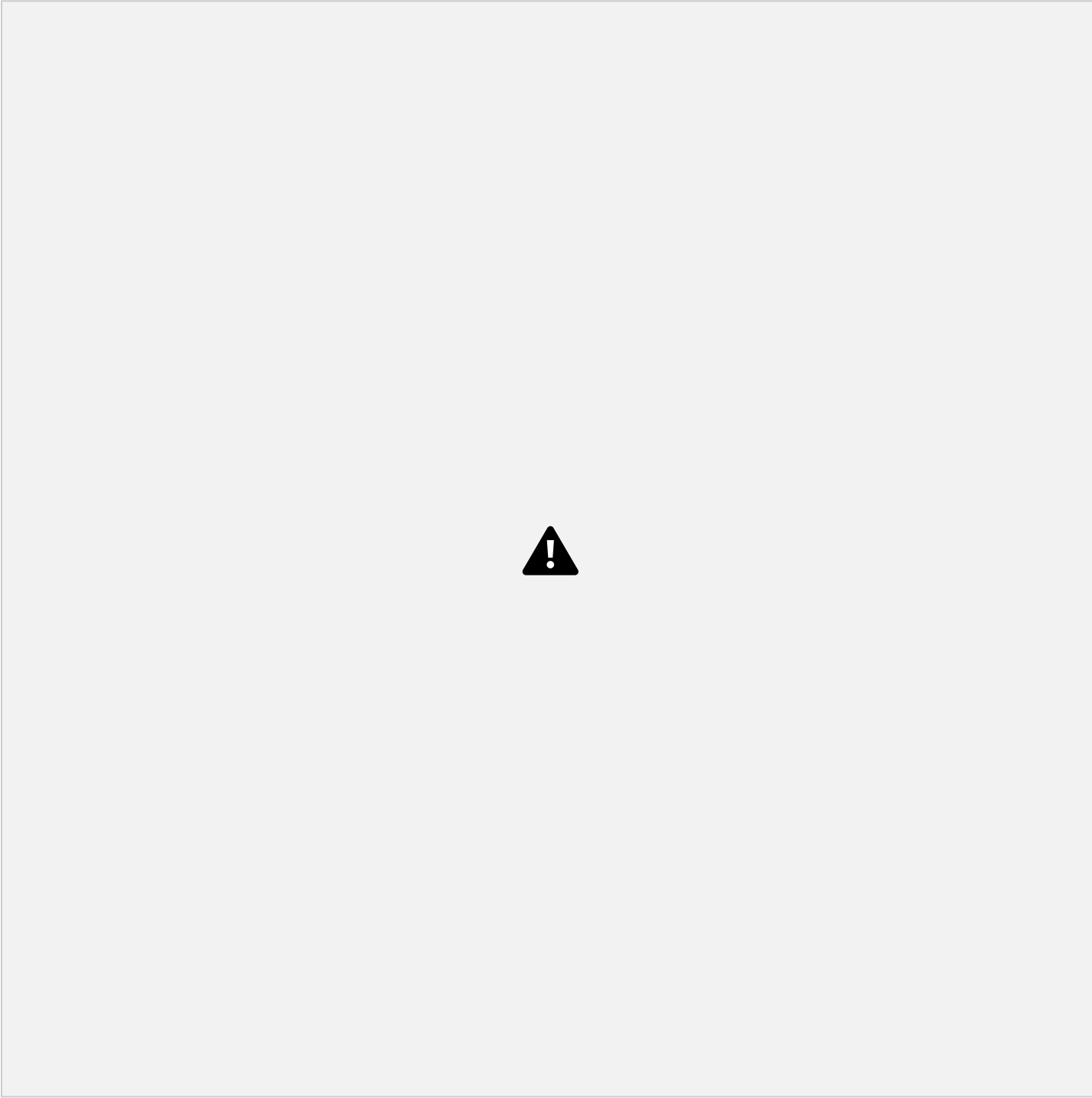
Awareness Session on Women safety  
By Assistant Police Inspector Jadhav Sir





One Day Workshop on “Experiential Learning”  
By Mr.Ashish Rangari & Mr. Vishal Deshmukh





Mrs. Neha Pradyumna Bora published paper in Scopus journal (Q3) ❖❖

❖❖ Paper Title : AUTOMATED TIME TABLE GENERATOR USING SPREAD SHEET FOR EDUCATIONAL MODULES

❖❖ Journal Name : European Chemical Bulletin (ISSN 2063-5346)

❖❖ Published Month- May-June 23

Mrs. Neha Pradyumna Bora, Project Guide and her Students Registering the copyright  
KALYANI MADHUKAR AHIRE,  
POOJA ANIL DESHMUKH,  
PRATIBHA ARUN CHAVAN,  
GOVINDA RAVIKIRAN CHASTWE

Title of Copyright : Process of Domain-Specific Standalone Voice Assistant and Chatbot for College Information

❖❖ Month of Registration : July 23

[28/07/2023, 4:00 pm] Sanghavi Mdm: Hearty Congratulations to Mrs.Neha Pradyumna Bora for publishing paper in Scopus journal

◆◆ Paper Title : A Web Authentication Biometric 3D Animated CAPTCHA System Using Artificial Intelligence and Machine Learning Approach

◆◆ Journal Name : Journal of Artificial Intelligence and Technology

◆◆ Published Month- July 23

Mrs. Neha Pradyumna Bora, Project Guide and her Students Registering the copyright  
KHUSHAL UDDHAV SAWANT

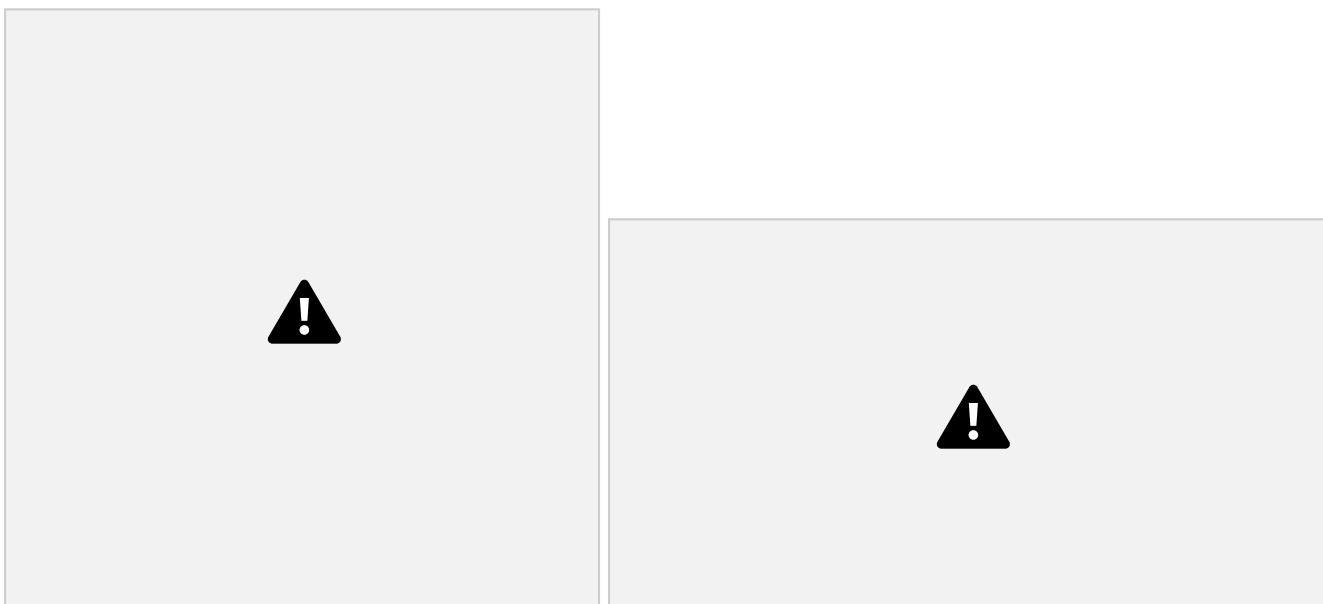
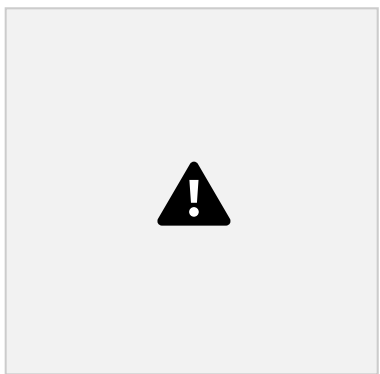
PRIYANSHU LODHA

ATHARVA KAWALE

TEJAS KELHE

◆◆ Title of Copyright : CHARACTERISTIC-PRESERVING IMAGE BASED  
VIRTUAL CLOTHES TRIAL

◆◆ Month of Registration : SEP 23



Prof. Suchita Chavan journal paper has been accepted by Scopus Indexed Q1 Journal named International Journal of Information Technology

Prof. Suchita Chavan journal paper "Mathematical Analysis behind occlusion handling in image with Deep Learning" has been published in scopus journal International journal of Information Technology"

Journal Type: Q1

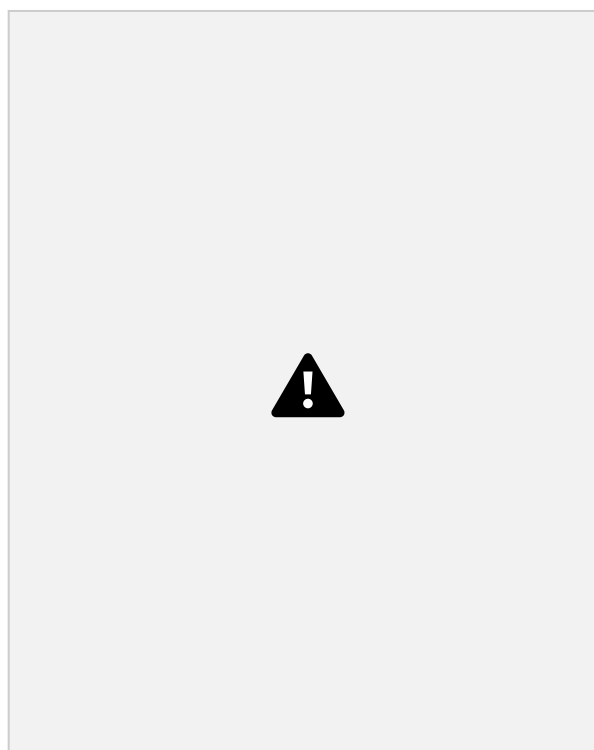
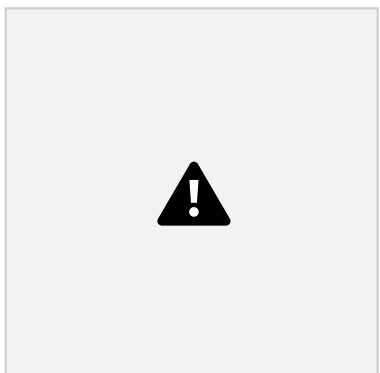
Congratulations ❖❖

Ms. Suchita Chavhan Received certificate of Reviewer from Journal of Visual Communication and Image Representation

Publication: Elsevier

Journal Category: Q1

Paper in Domain: Deep Learning

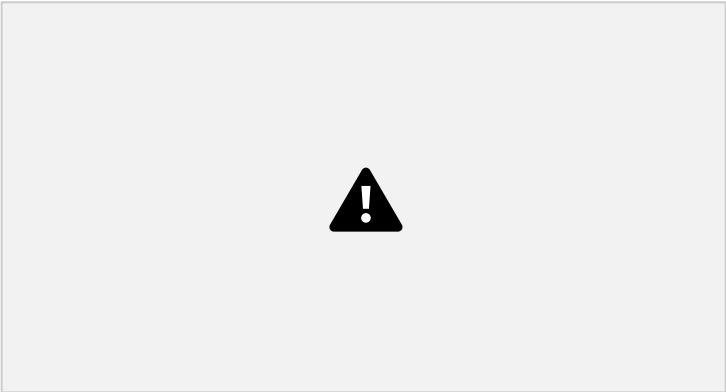
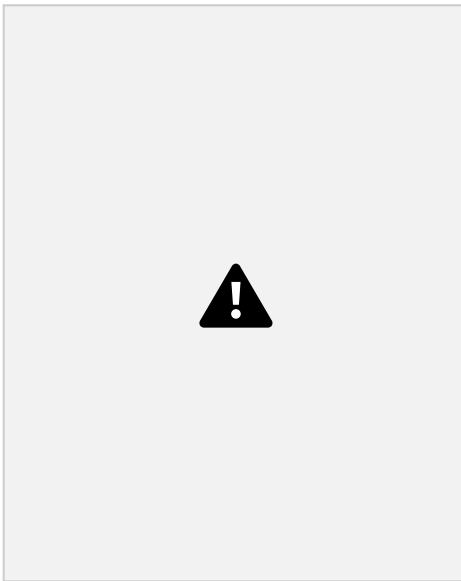
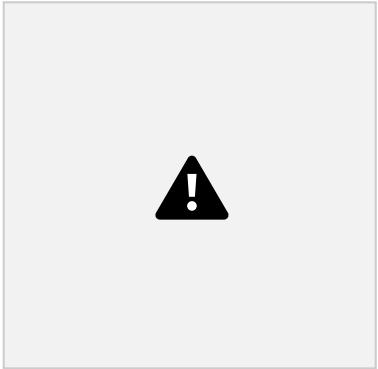
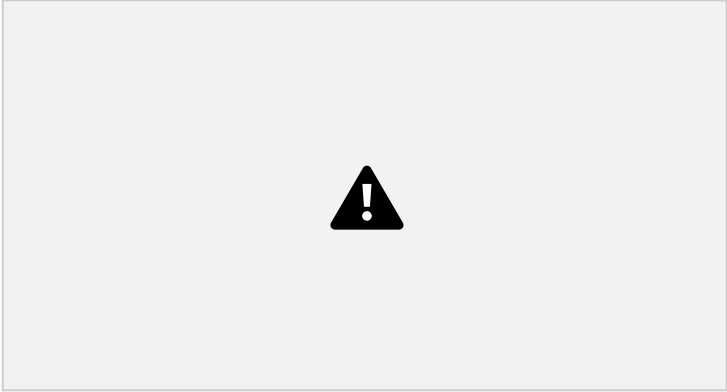
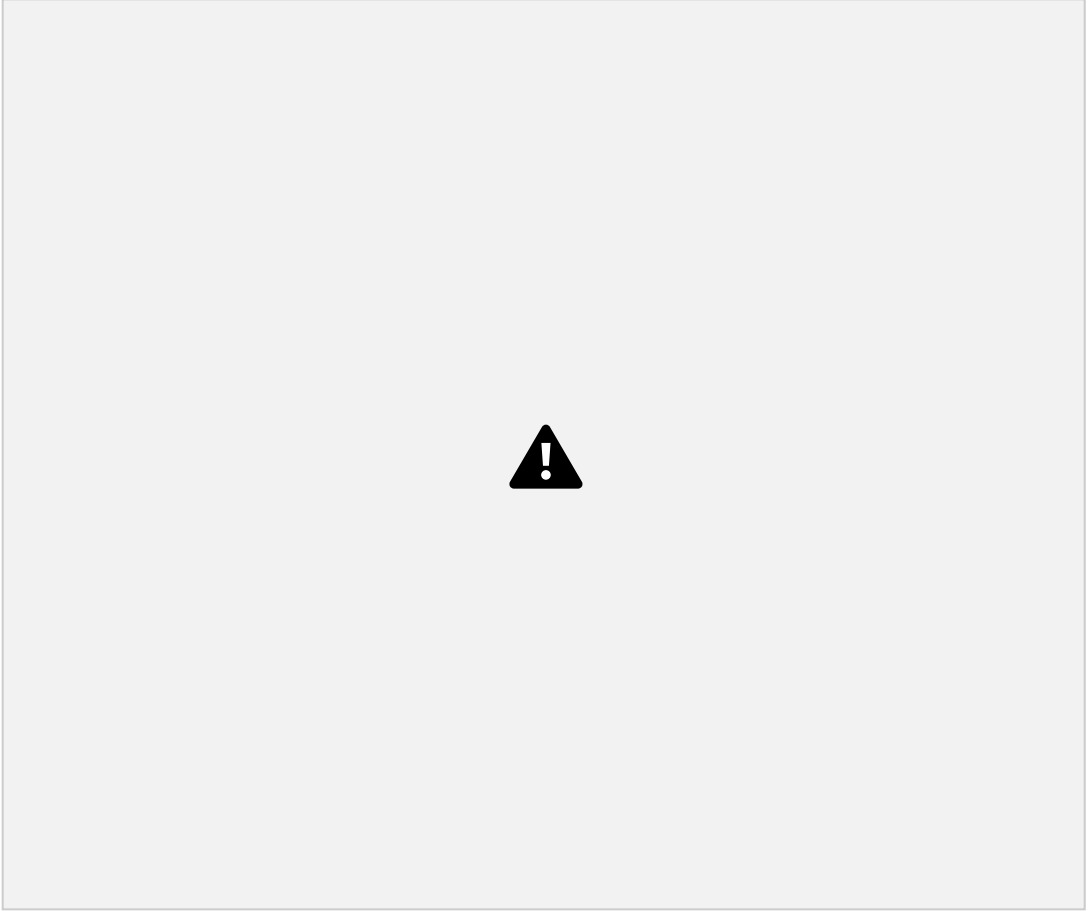
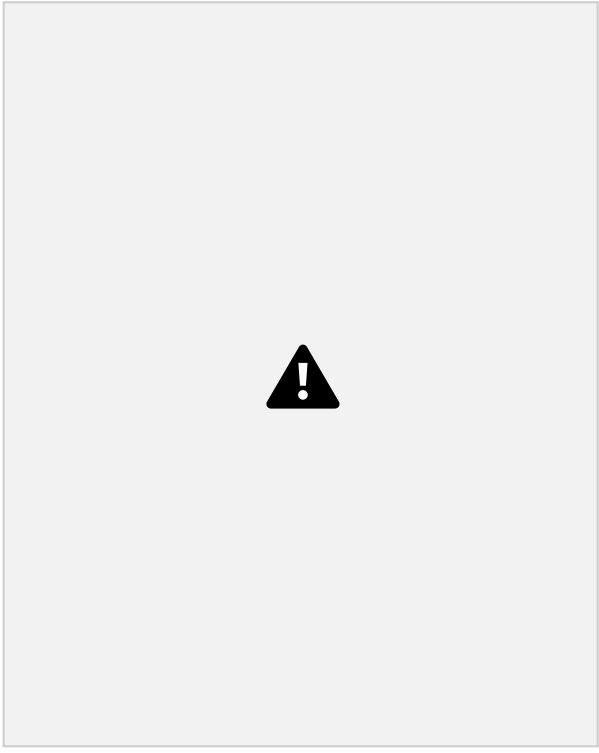
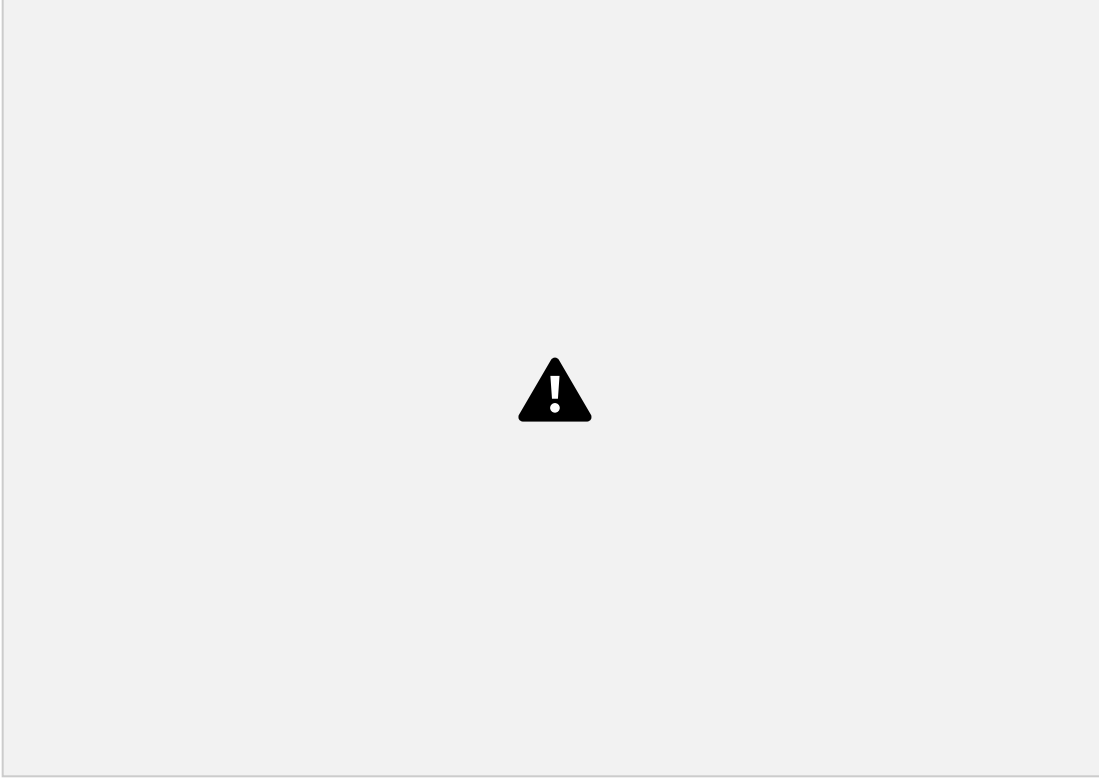


Prof. Swati Vishal Sinha received grant on her Patent named Agriculture drone for monitoring and spraying

Granted on 4/8/23

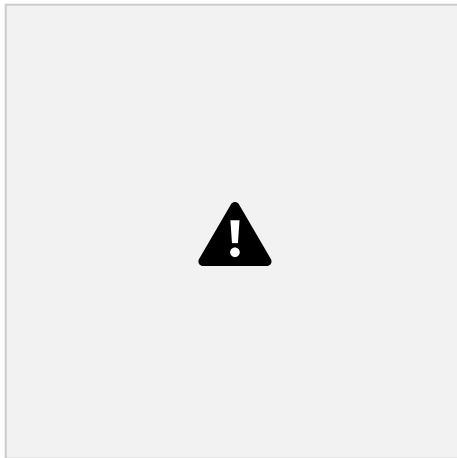
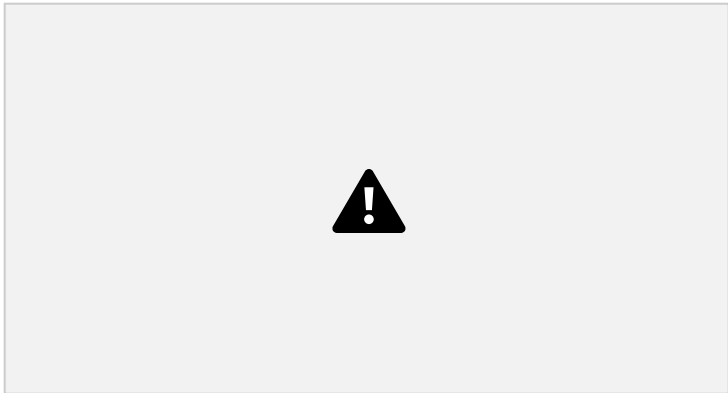
Prof.S.V.Sinha published her first chapter in Book " Intelligent Approaches to Cyber Security ", Taylor & Francis eBooks,by CRC\*and this book is also Scopus Indexed

Press ,eBook ISBN9781003408307

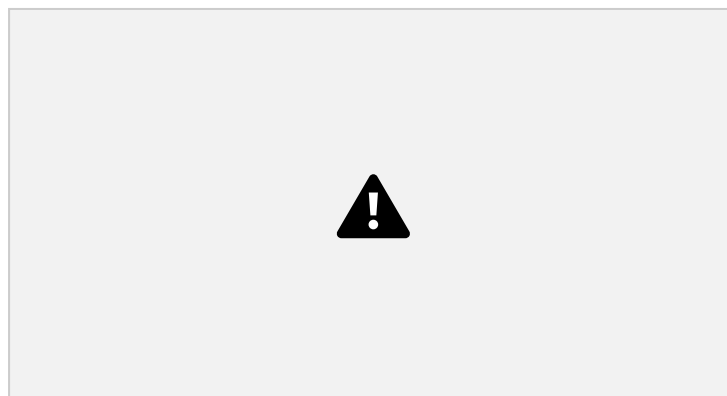
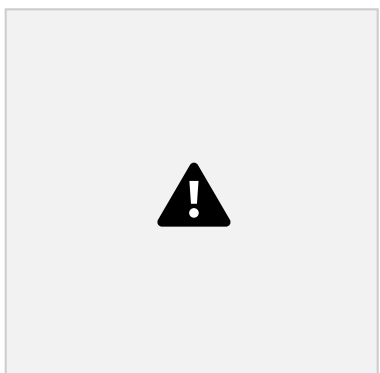


Hearty Congratulations

to Mrs. Deepali P. Pawar for Copyright on Crop pest and disease identification through image processing



Mr.Parag Achaliya , 6 paid IOT Courses are published on another online learning platform Techademy, IIHT.



Department of Computer Engineering at SNJB's College of Engineering has successfully registered 5 copyrights for the following academic processes:

**1. Process of Academic Audit For Engineering College**

Authors:Dr. M. R. Sanghavi, Vice Principal and Head of Department

Prof. K. M. Sanghavi, Associate Professor

Dr. Mrs. K. R. Nirmal, Associate Professor

Prof. Mrs. B. A. Khivsara, Assistant Professor

Dr. M. D. Kokate, Principal

**2. Procedure for Framing and Compliance of Department Academic Calendar**

Authors:

Dr. M.R.Sanghavi, Vice Principal and Head of Department  
Rajiv R Bhandari, Assistant Professor  
Bhavana A Khivsara, Assistant Professor  
Kainjan M Sanghavi, Associate Professor  
Dr. M. D. Kokate, Principal

### 3. Process of Continuous Assessment

Authors:

Dr. M.R.Sanghavi, Vice Principal and Head of Department  
Bhavana A Khivsara, Assistant Professor  
Kainjan M Sanghavi, Associate Professor  
Dr. M. D. Kokate, Principal

### 4. Process for Student Feedback of Teaching Learning Process and Action

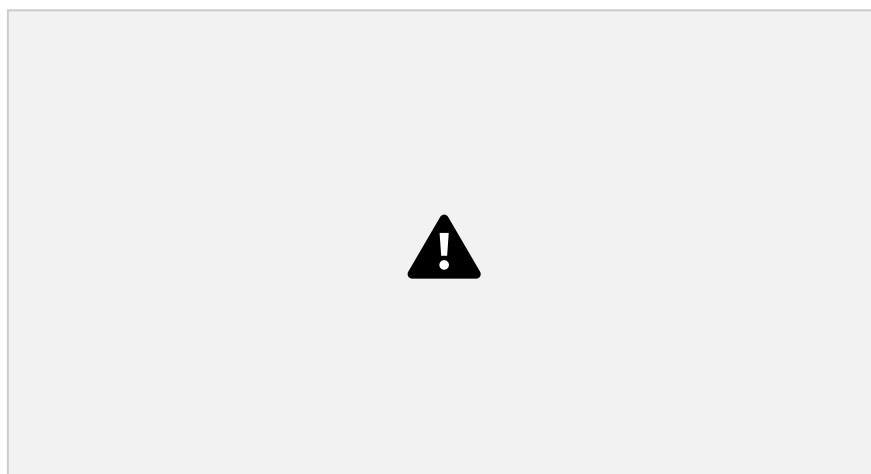
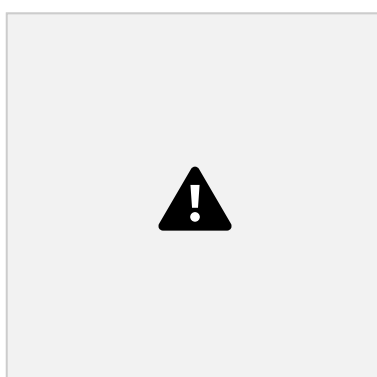
Authors:

Dr. M.R.Sanghavi, Vice Principal and Head of Department  
A J Shakadwipi, Assistant Professor  
S V sinha, Assistant Professor  
B A Khivsara, Assistant Professor  
K M Sanghavi, Associate Professor  
Dr. M. D. Kokate, Principal

### 5. Process for Internal Assessment Question Paper Setting and Evaluation

Authors:

Dr. M.R.Sanghavi, Vice Principal and Head of Department  
S B Ambhore, Assistant Professor  
B A Khivsara, Assistant Professor  
K M Sanghavi, Assistant Professor  
Dr. M. D. Kokate, Principal



**Hearty Congratulation to all Authors!!!!!!**

1. Research paper of Dr. Khyati Nirmal and Dr. Rajiv Bhandari along with students has been published in a prestigious UGC Care Approved, Group I, Peer Reviewed Journal Industrial Engineering Journal!

Title:

MACHINE LEARNING-BASED REAL-TIME OBJECT DETECTION LEARNING AND OCR FOR ASSISTING THE VISUALLY IMPAIRED

Authors:

Aditi Kolhe, Sapana Shinde, Sakshi Jadhav, Sayali Vyavahare, Dr.Rajiv R. Bhandari, Dr. Khyati R. Nirmal

ISSN Number:

0970-255

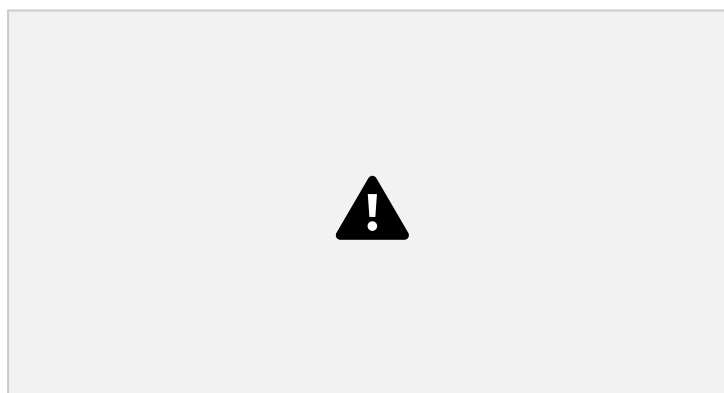
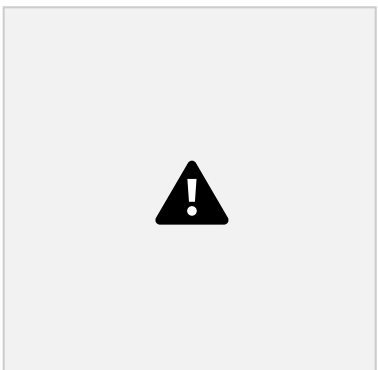
2.Research paper of Dr. Khyati Nirmal and Dr. Rajiv Bhandari along with students has been published in a prestigious UGC Care Approved, Group I, Peer Reviewed Journal Industrial Engineering Journal!

Title:

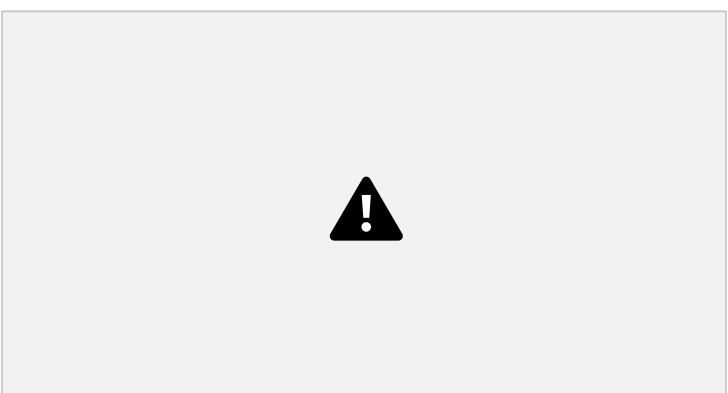
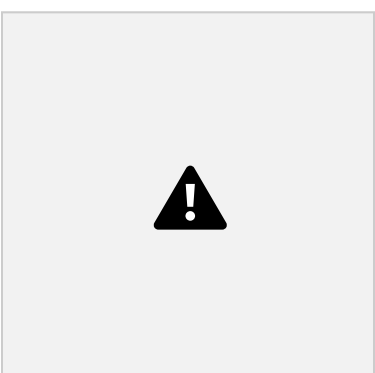
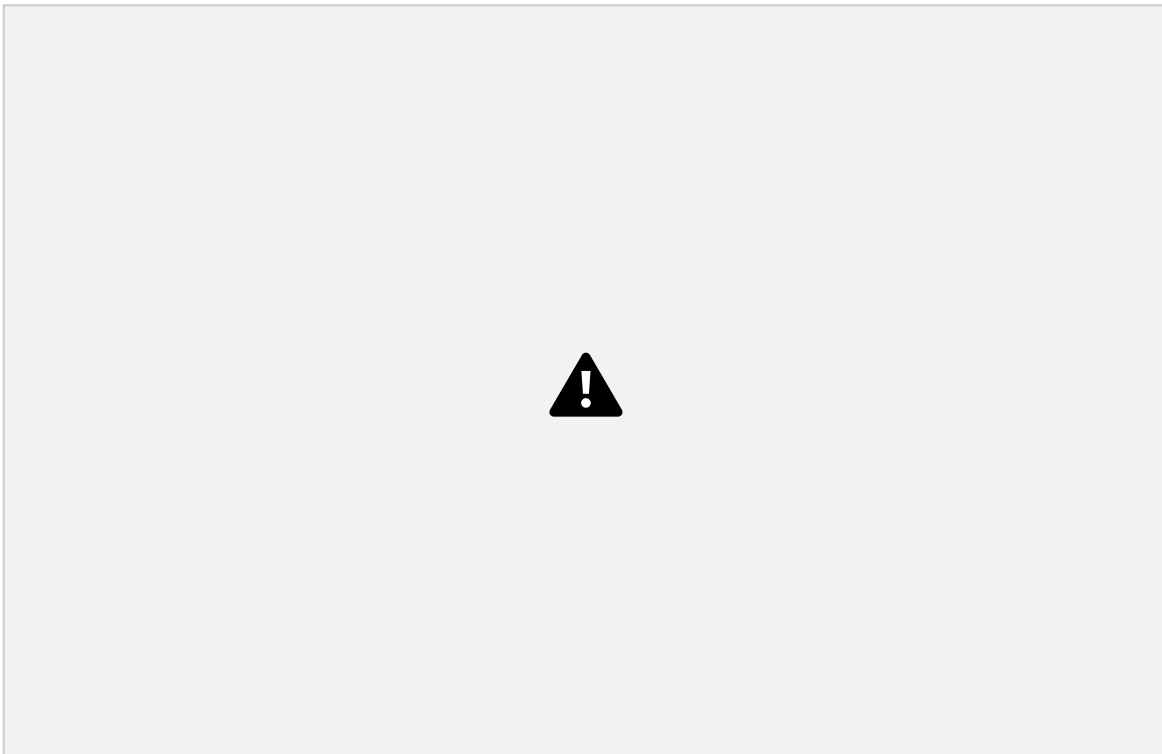
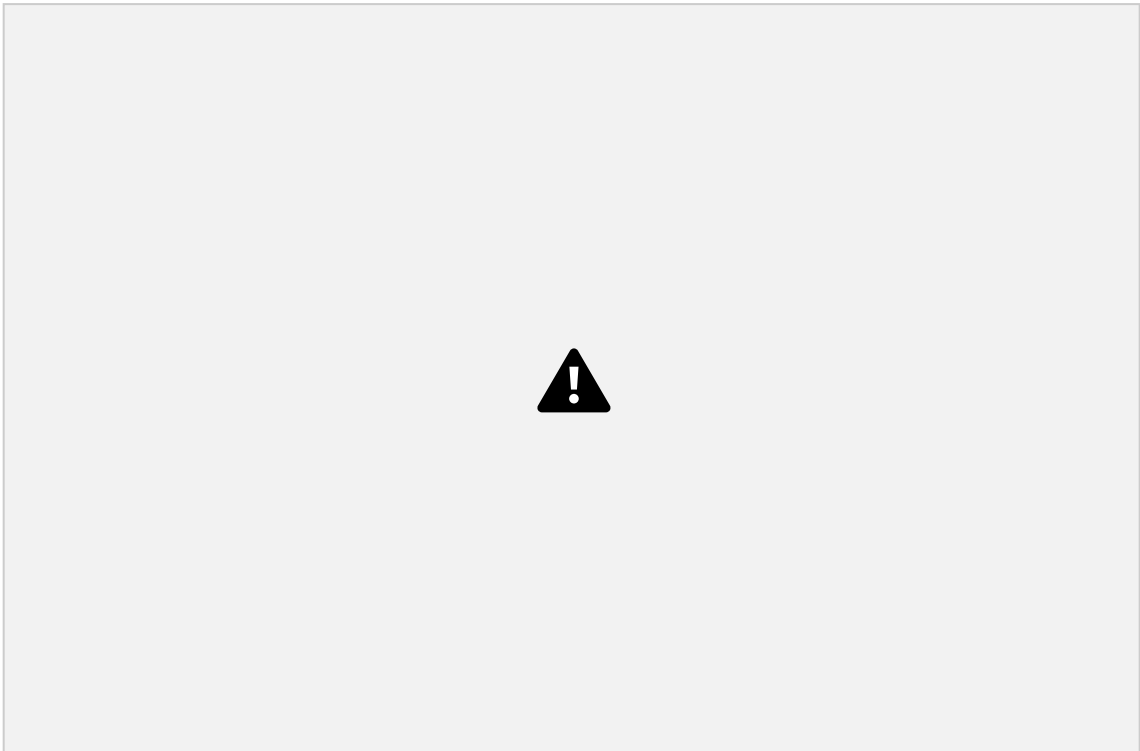
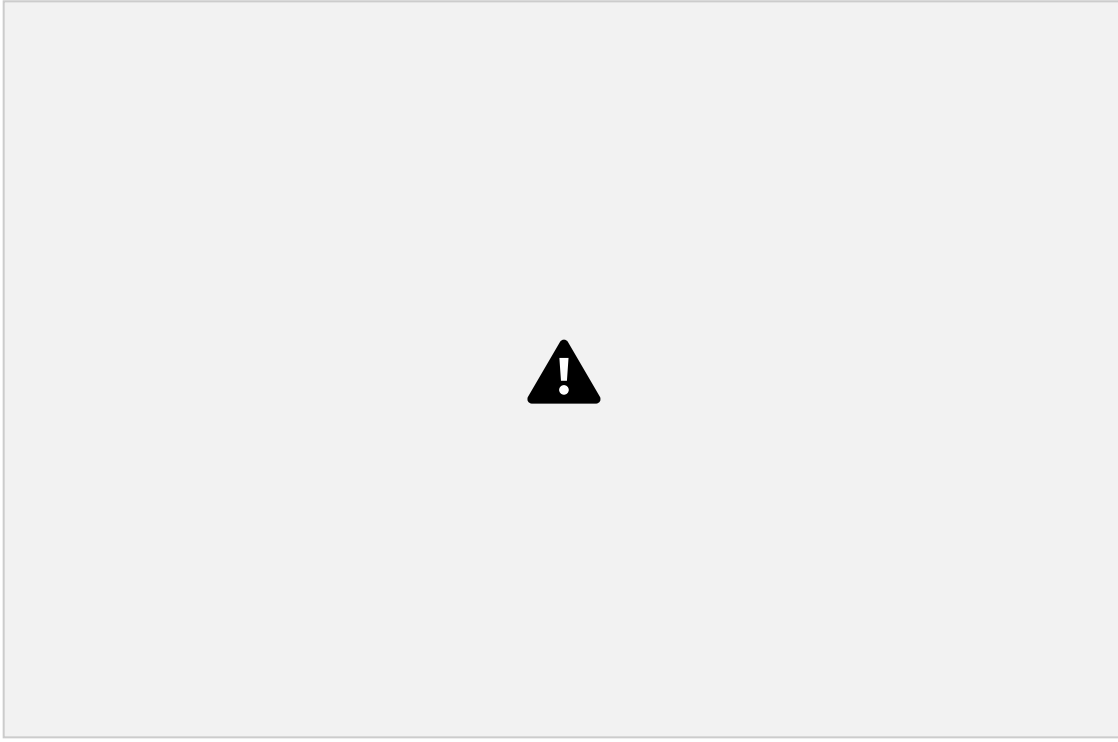
HELMET VIOLATION DETECTION AND NUMBER PLATE EXTRACTION USING DEEP LEARNING

Authors:

Pranali Avhad, Sakshi Musmude, Punam Jadhav, Dr.Rajiv R. Bhandari, Dr. Khyati R. Nirmal











Copyrighted Work:

Title of Work: PROCESS OF SMART  
POULTRY FARM AUTOMATION AND  
MONITORING SYSTEM

Authors: 1.RUTUJA MANIK DESHMANE  
2.MAHIMA VISHAL KASLIWAL  
3. LEESHA RAJESH JAIN  
4.TEJASWINI DAGDULALJI MUTHA

Guide: DNYANESHWAR SAVLIRAM  
RAJNOR

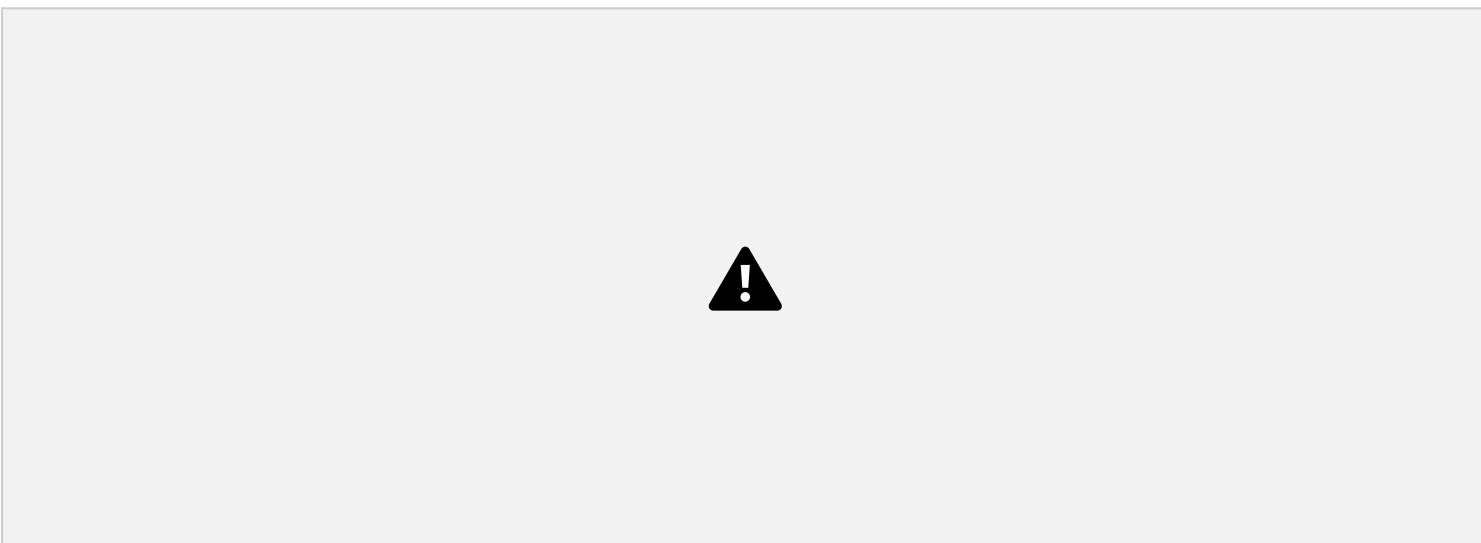
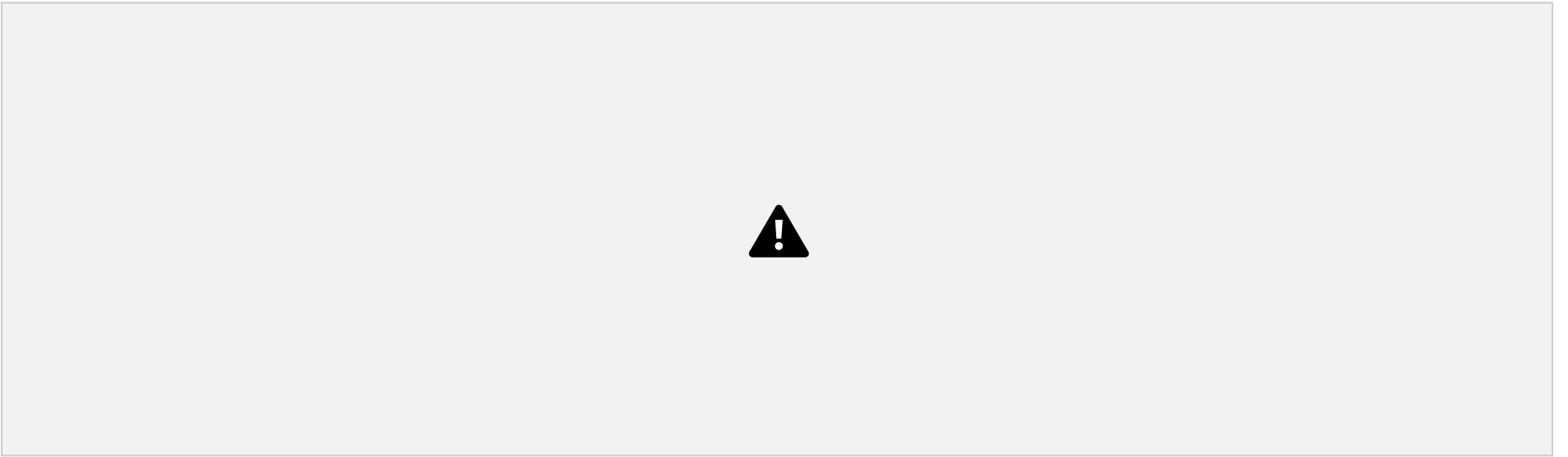
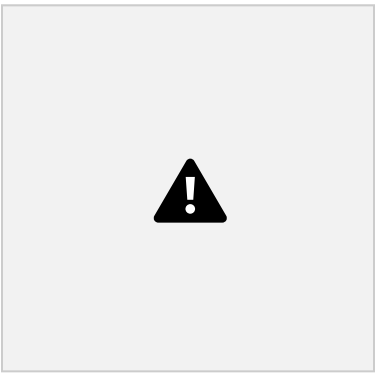
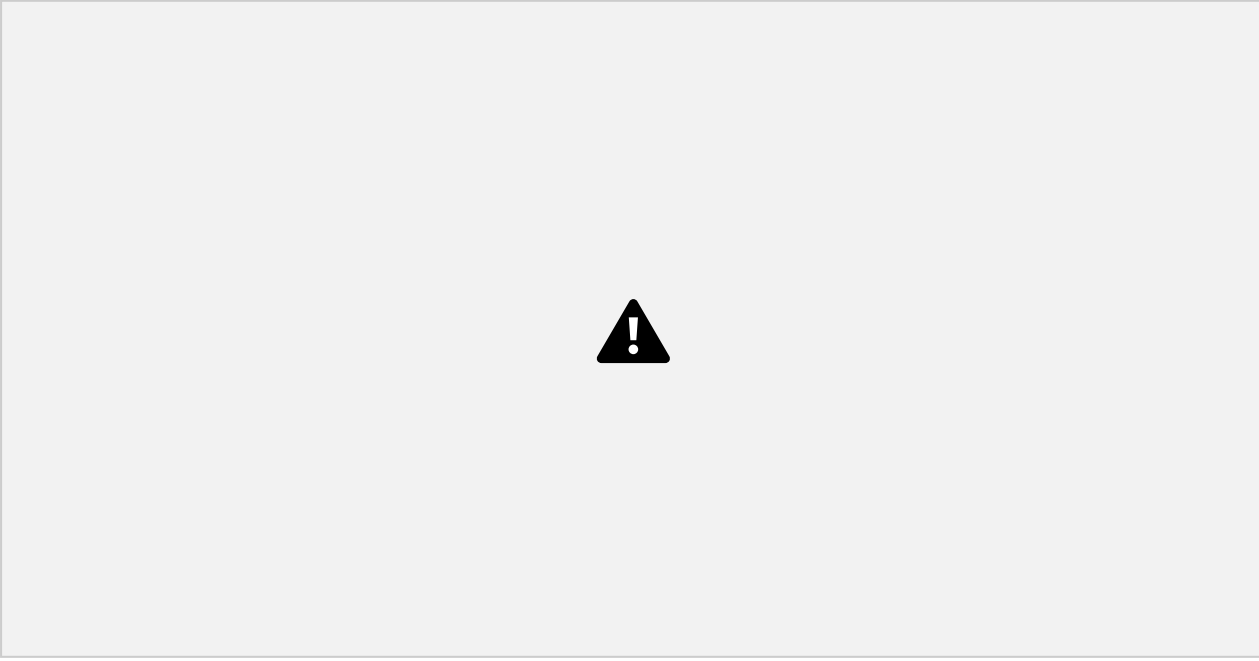
Patent

BIRD AND DRONE DEFLECTOR

Authors:

- 1.Aayush Sanjay Jain
2. Anjali Jagdish Patil
- 3.Tejas Hiralal Lodaya
- 4.Prerana D Gangurde
- 5.Kartik M Bhavsar
- 6.Yash Anil Jadhav
- 7.Dnyaneshwar S Rajnor
- 8.Kainjan M Sanghavi
- 9.Gunjan H Deshmukh
- 10.Hemraj R Kumavat







**Sr.No**

**Name of Student Company Name Designation Location Package** 1 SUGANDHI RISHU RAJESH

Growupp Business Development

Associates Pune 10

Hexaware Graduate Engineering

2 MOKAL YOGESH CHINDHU

Netwin Software Developer Nashik 4

Trainee Pune 4

3 WANI SHREYAS DEEPAK Hexaware Graduate Engineering

Trainee Pune 4

CODETOWN  
EDTECH Pvt. Ltd.

Business Development

4 AHER POONAM APPASAHEB

Demium Research Pvt. Ltd  
Business Development

Executive Pune 2.52

5 JOSHI KIMYA

DNYANESHWAR Learnmedix Business Development

Associates Pune 5

6 RAVNE HIMANSHU NITIN Learnmedix Business Development Associates Pune 5

7 DAMRE SAINATH KAILAS CODETOWN EDTECH  
Pvt. Ltd.

Business Development

Executive Pune 1.8

8 SHAIKH AMREEN NISAR Propix Software Development

and Testing Pune 1.2

9 KAPADNIS APEKSHA

PRALHAD Persistent Software Engineer Pune 5.01  
Pvt. Ltd.

10 KELHE JAYESH DIPAK CODETOWN EDTECH  
Pvt. Ltd.

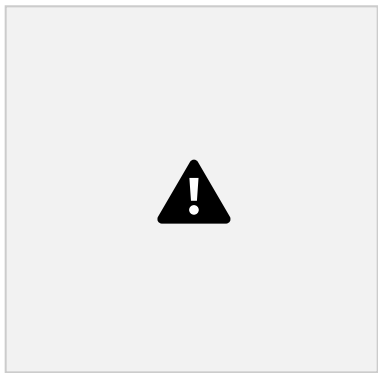
Business Development

Executive Pune 1.8

11 AGHAV RUTUJA VILAS CODETOWN EDTECH

Business Development

	Executive	Pune 1.8	
12	KHAIRNAR GAURAV BHARAT	EDTECH Pvt. Ltd.	Executive Pune 1.8
	CODETOWN		Business Development
13	KANDALKAR PRIYANKA	EDTECH Pvt. Ltd.	Executive Pune 1.8
	BHIKA	CODETOWN	Business Development
		EDTECH Pvt. Ltd.	Executive Pune 2.52
14	DEORE RUCHIKA BALU	Demium Research Pvt. Ltd	Business Development
		CODETOWN	Executive Pune 1.8
		EDTECH Pvt. Ltd.	Business Development
15	ZANJARI AKASH SUNIL	Demium Research Pvt. Ltd	Executive Pune 2.52
		CODETOWN	Business Development
		EDTECH Pvt. Ltd.	Executive Pune 1.8
16	RAHANE PRATHAM GIRISH	CODETOWN	Business Development
		EDTECH Pvt. Ltd.	Executive Pune 1.8
		Business Development	Business Development
17	MORE PRATIKSHA JAGDISH	Executive Pune 1.8	Executive Pune 1.8
	CODETOWN	Business Development	Business Development
18	JAIN SHRUTI ANUP	CODETOWN EDTECH Pvt. Ltd.	Executive Pune 1.8



**Sr.N**

**oName of Student Company**

**Name Designation Location Package**

19	KAPADNIS SNEHA	VIJAY	Ltd	Business	Pune 1.8	Pune 2.52
	SATISH	CODETOWN	Development	Executive		
		EDTECH Pvt. Ltd.	Business			
20	BHANSALI KUNAL	Demium Research Pvt.	Development	Executive	Nashik	2.52
	SURESH	Ltd	Business			
			Development	Executive		
21	GUPTA VAISHNAVI	Demium Research Pvt.				
22	VYAS SAKSHI VIJAY	Demium	Business			
	Research Pvt. Ltd	Development	Executive		Pune	2.52
						Development Executive
23	LOKHANDE	25	GANDHI SAKSHI	Demium Research Pvt.		
	KRUSHNA VITTHAL		SANTOSH	Ltd	Pune 2.52	Pune 2.52
				Business		
				Development		
				Executive		
24	AHIRE ABHISHEK	Demium Research Pvt.	Business		Pune	2.52
	RAMAKANT	Ltd	Development	Executive		
		Demium Research Pvt.	Business			
		Ltd				
26	PATIL LALIT ANIL	Demium	PRADIP	Demium Research Pvt.	Development	Executive
	Research Pvt. Ltd	Research Pvt. Ltd	Ltd		Business	
					Development	Executive
27	PATIL RUGVED	Demium Research	Business			

Pune 2.52 Pune 2.52

28 BORSE SHRIKANT Pvt. Ltd  
SHAILESH Development Executive  
Pune 2.52

29 GANGURDE PRERANA DATTA  
30 BELSARE VEDANT Demium Research Pvt. Ltd  
JAGDISH Jaro Education Graduate Trainee Pune 6.78  
Business Pune 2.52  
Development Executive

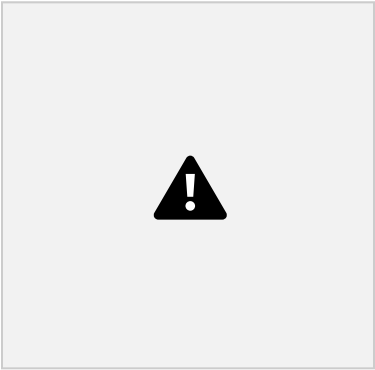
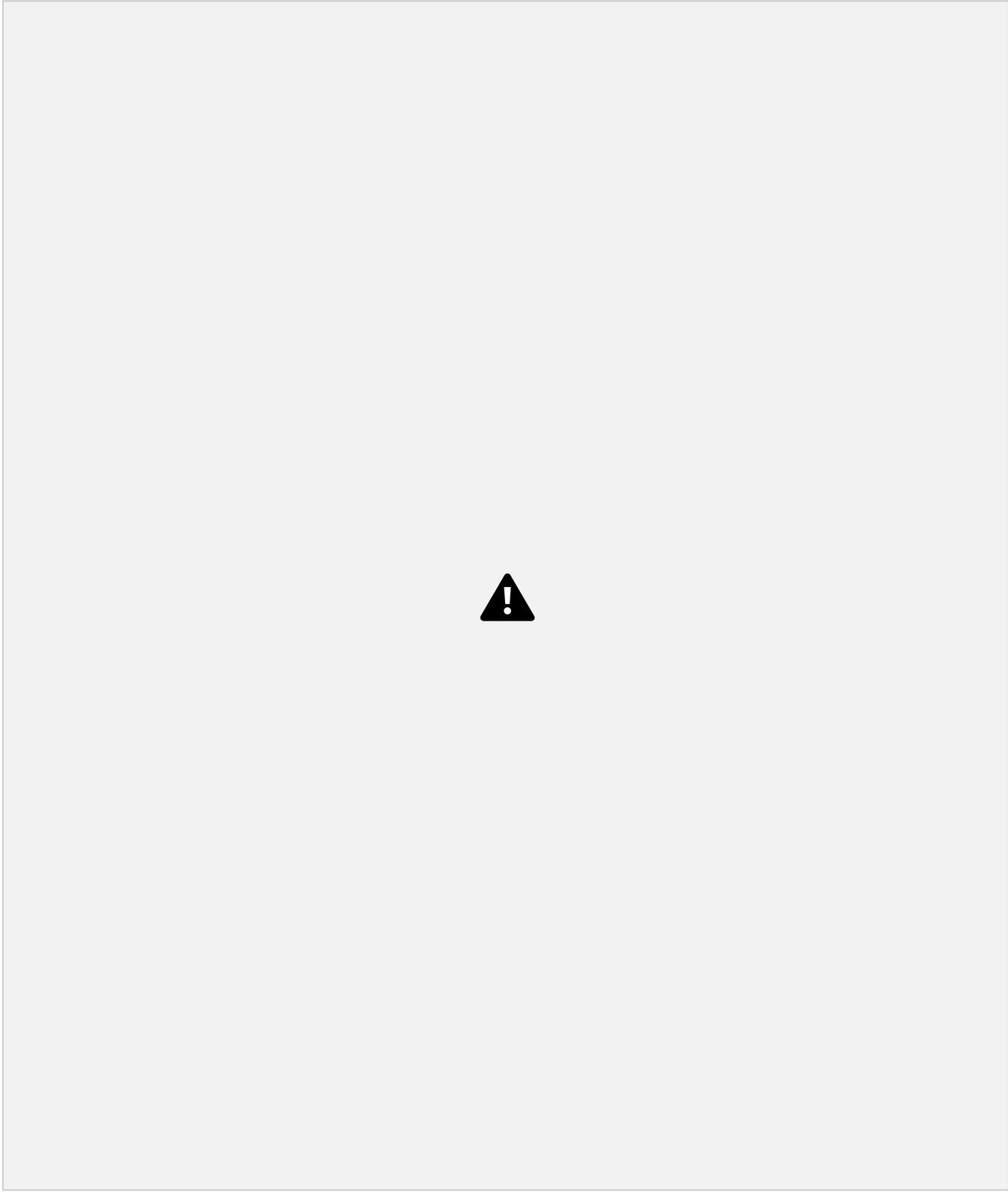
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Development Trainee  
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32 WANI MAYURESH  
DYANESHWAR ApMoSys  
Technologies Private Limited  
EagleByte Solution pvt Ltd

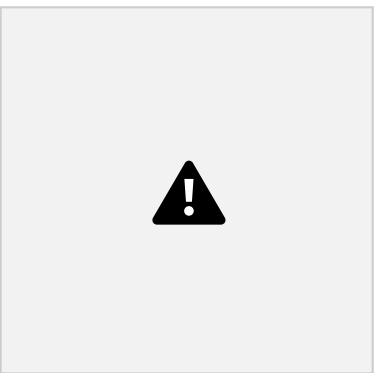
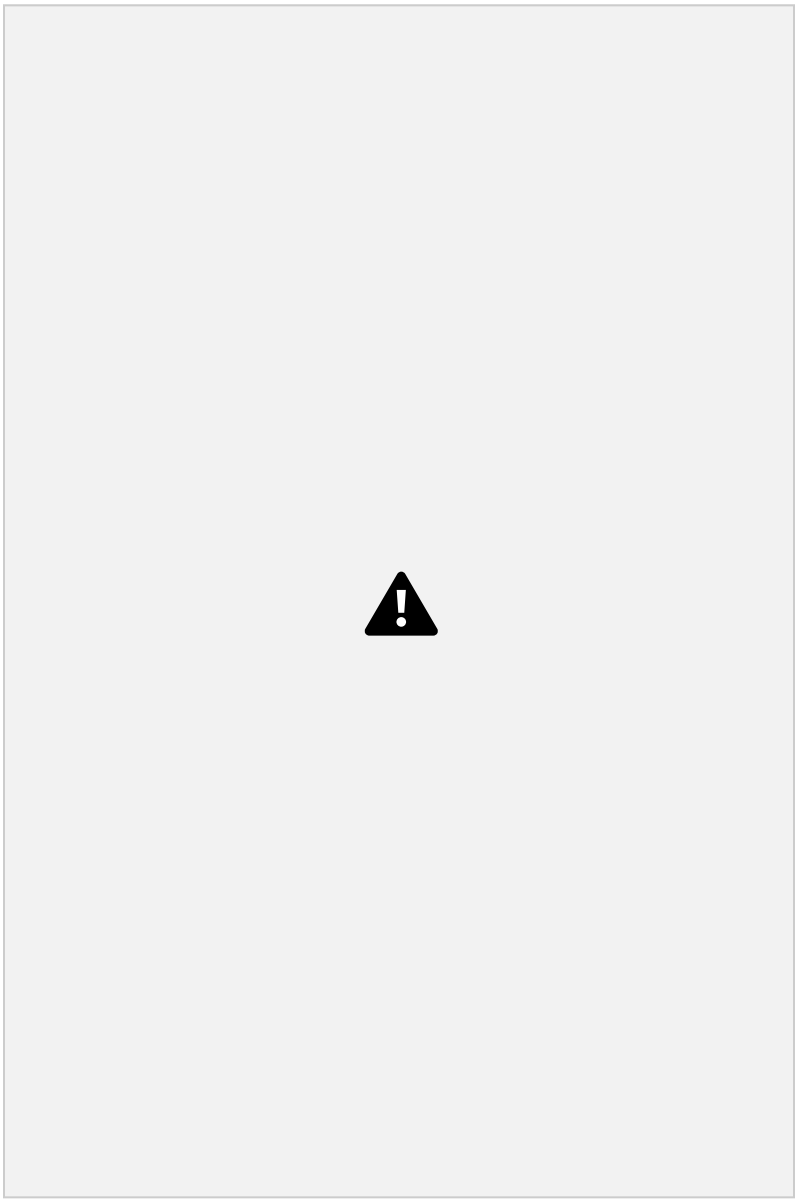
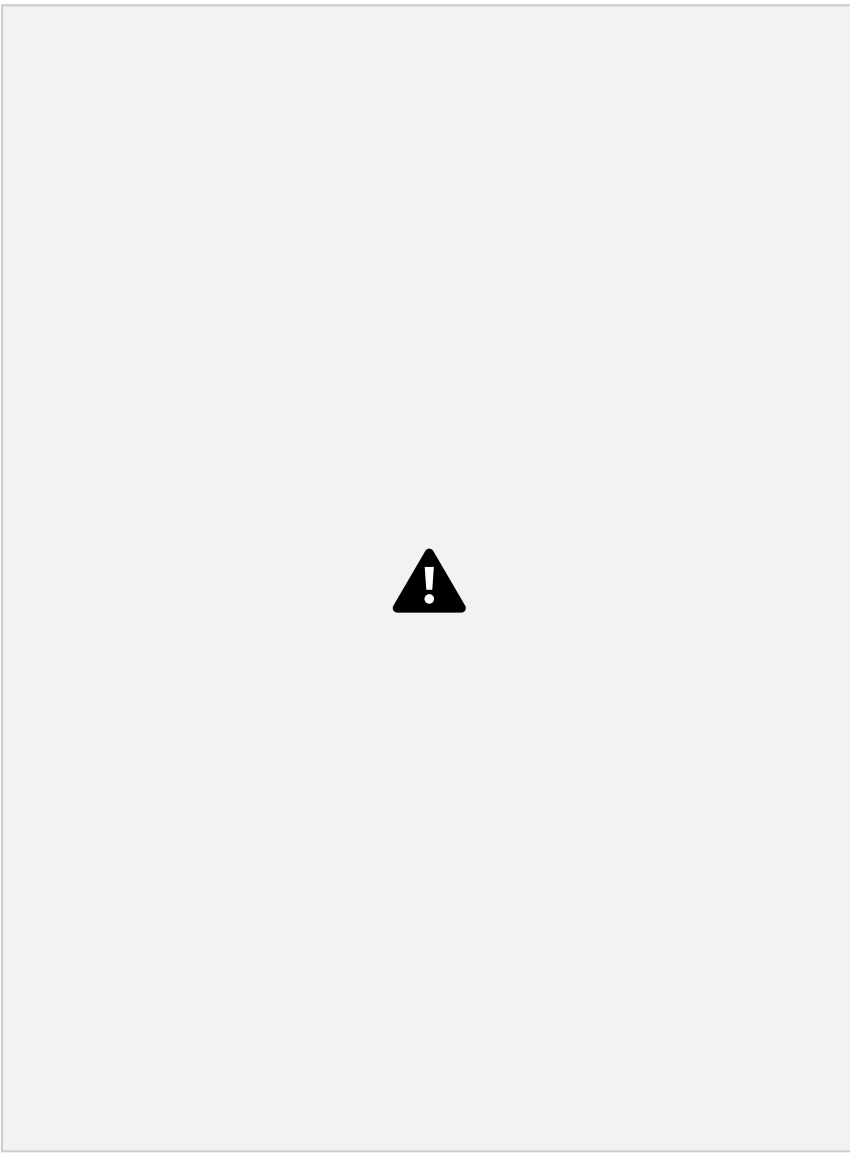
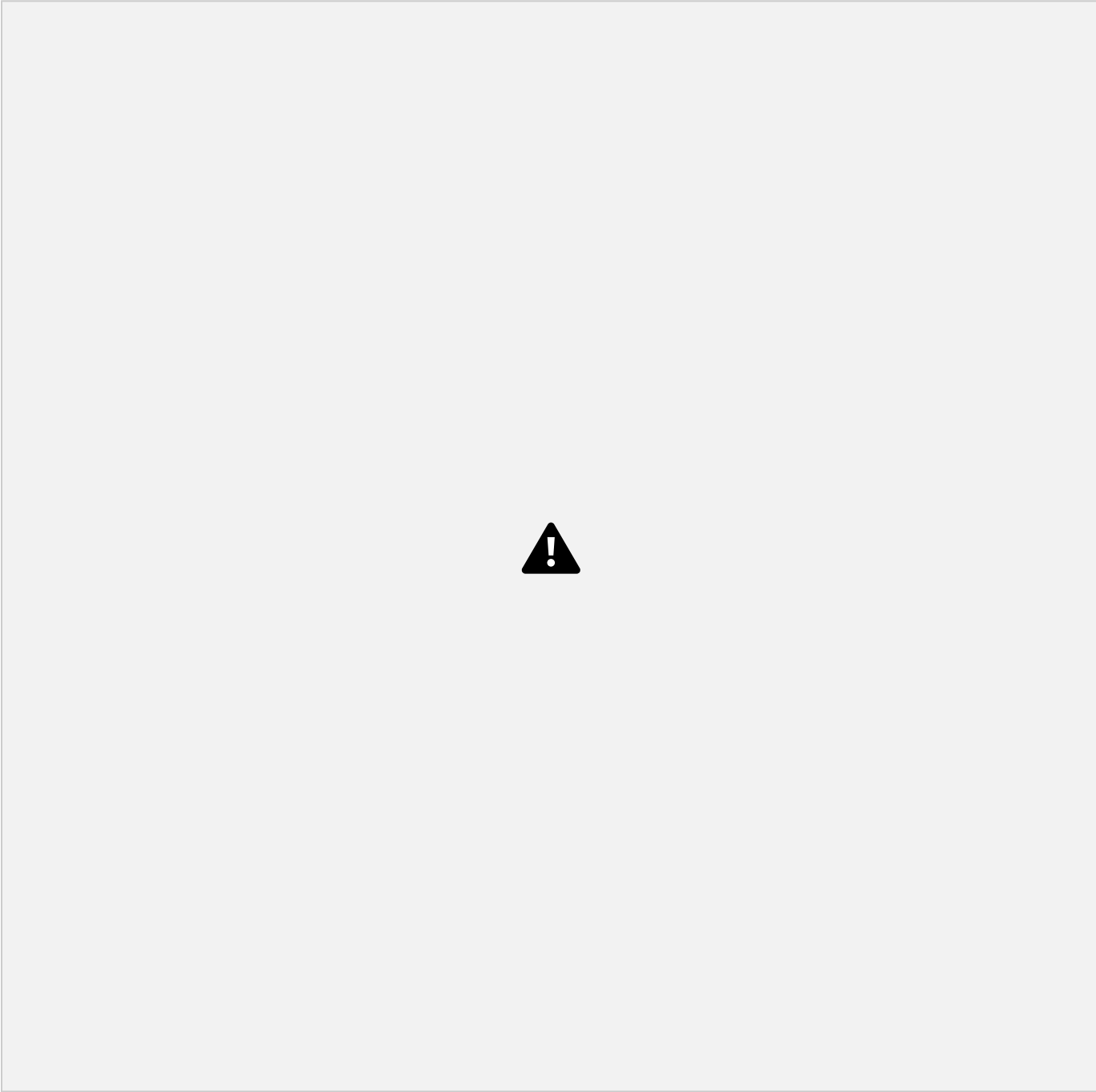
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Jr. React Developer  
Trainee Pune 3.2

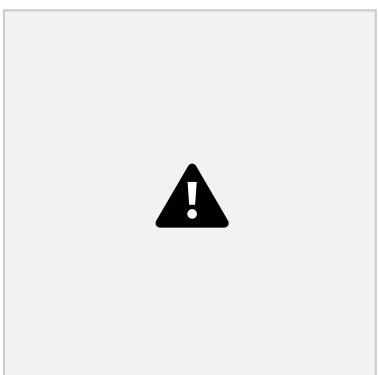
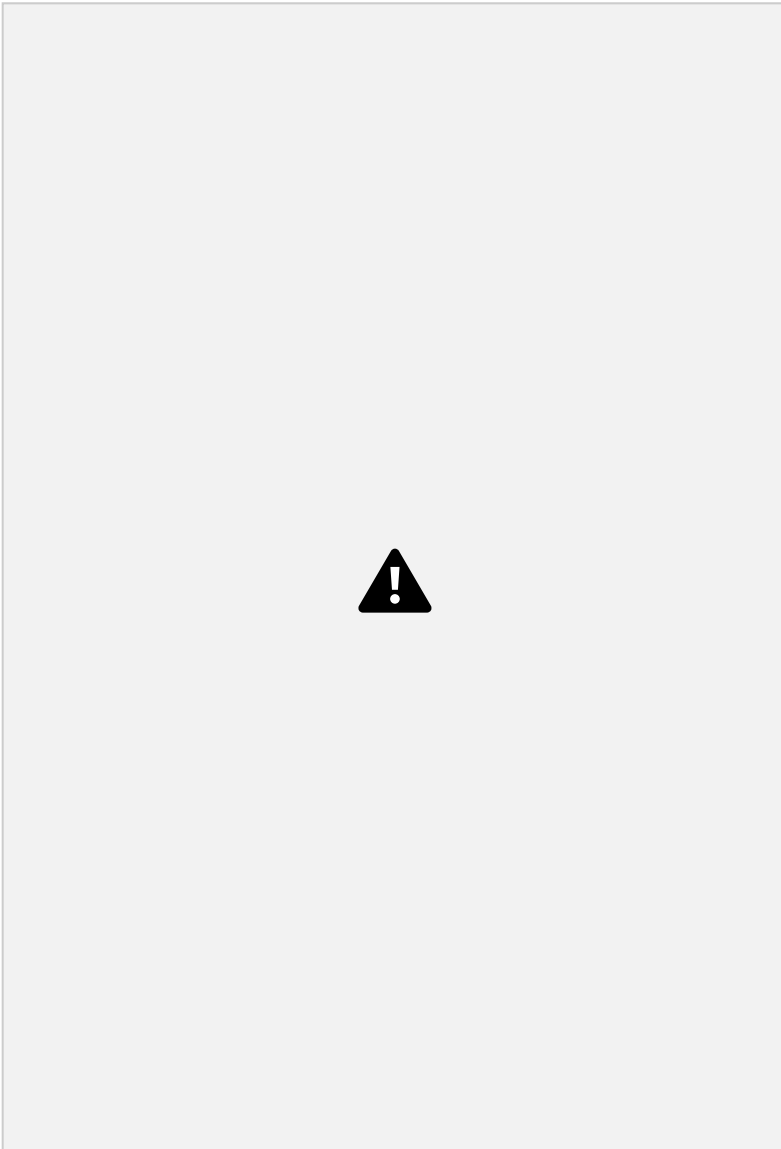
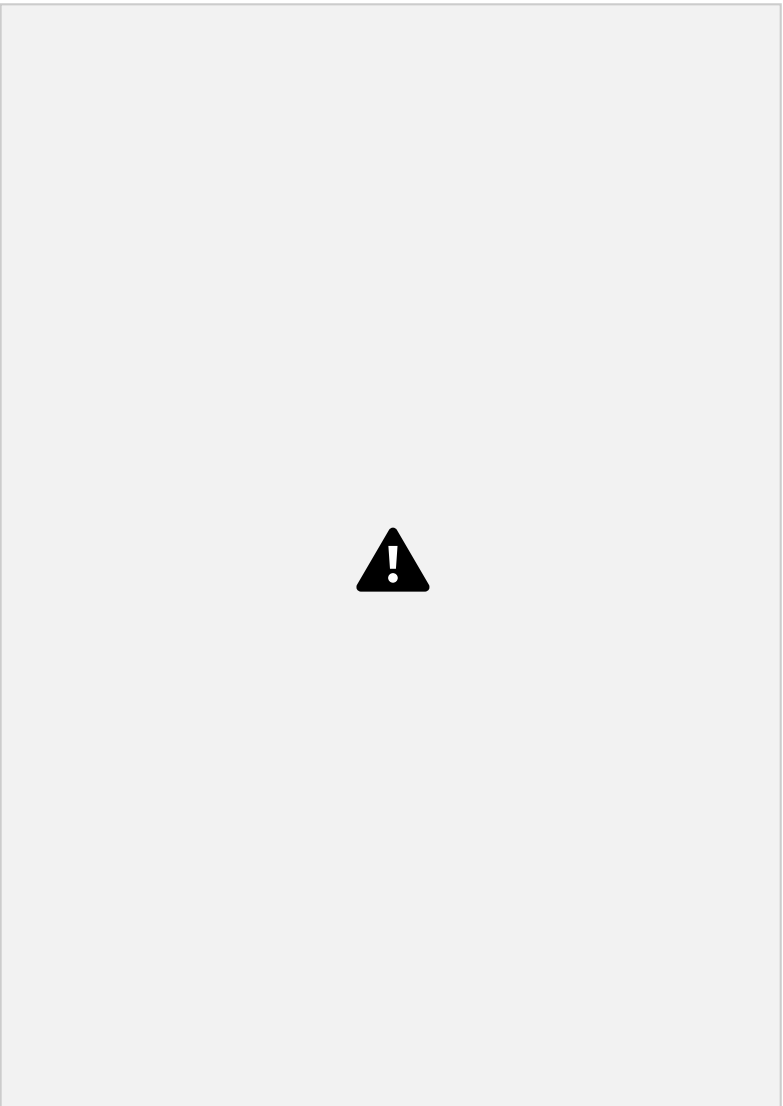
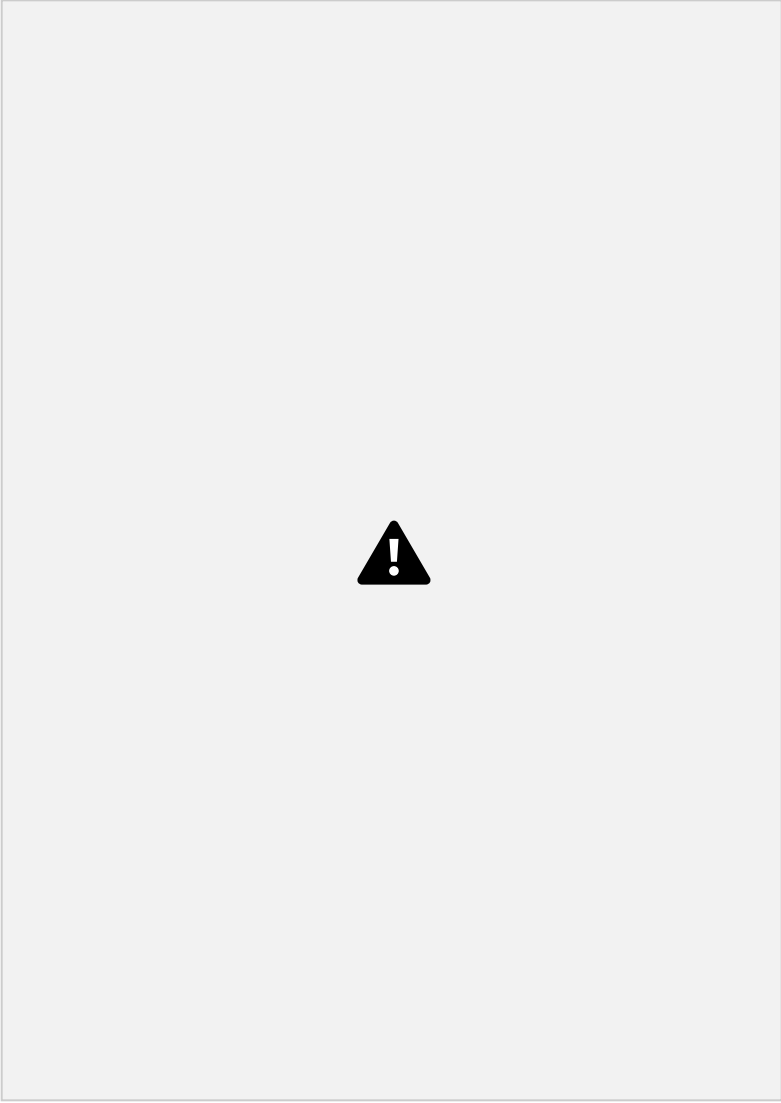
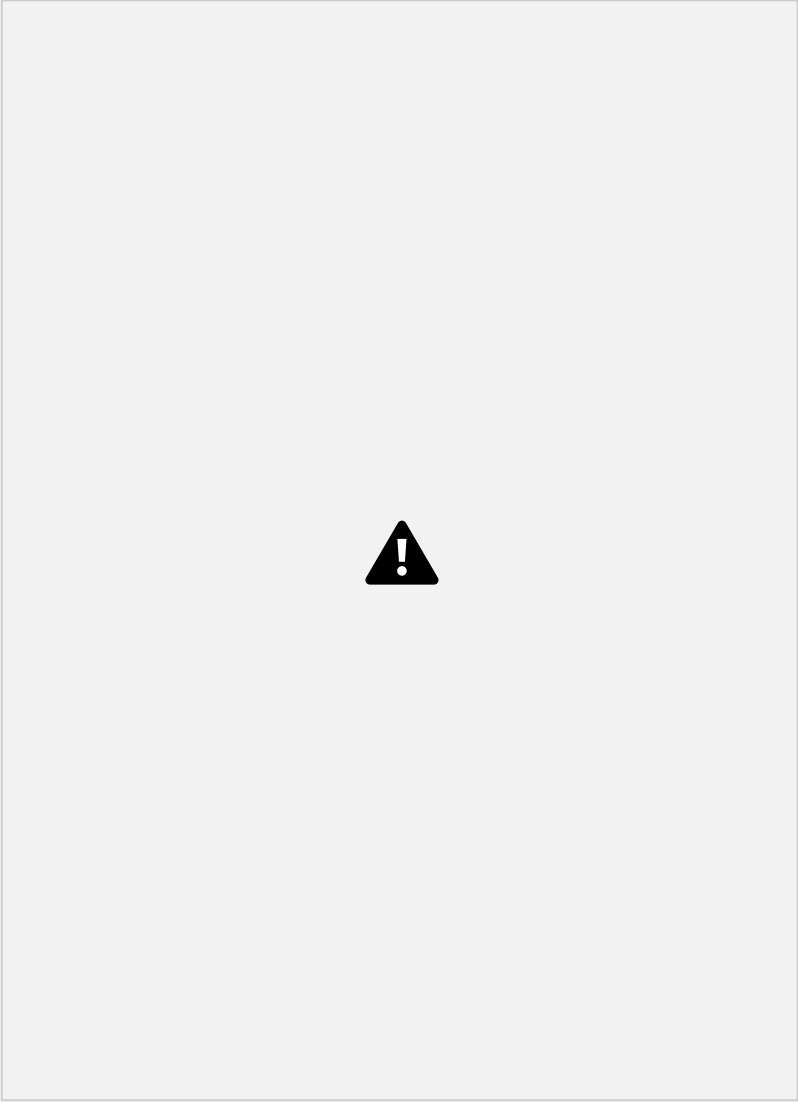
31 MORE PRATIKSHA

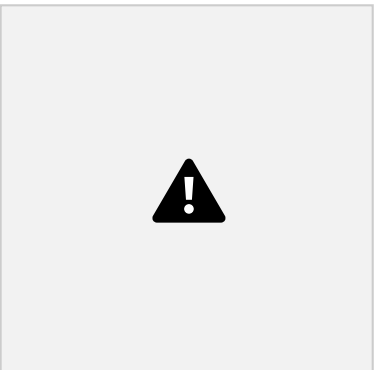
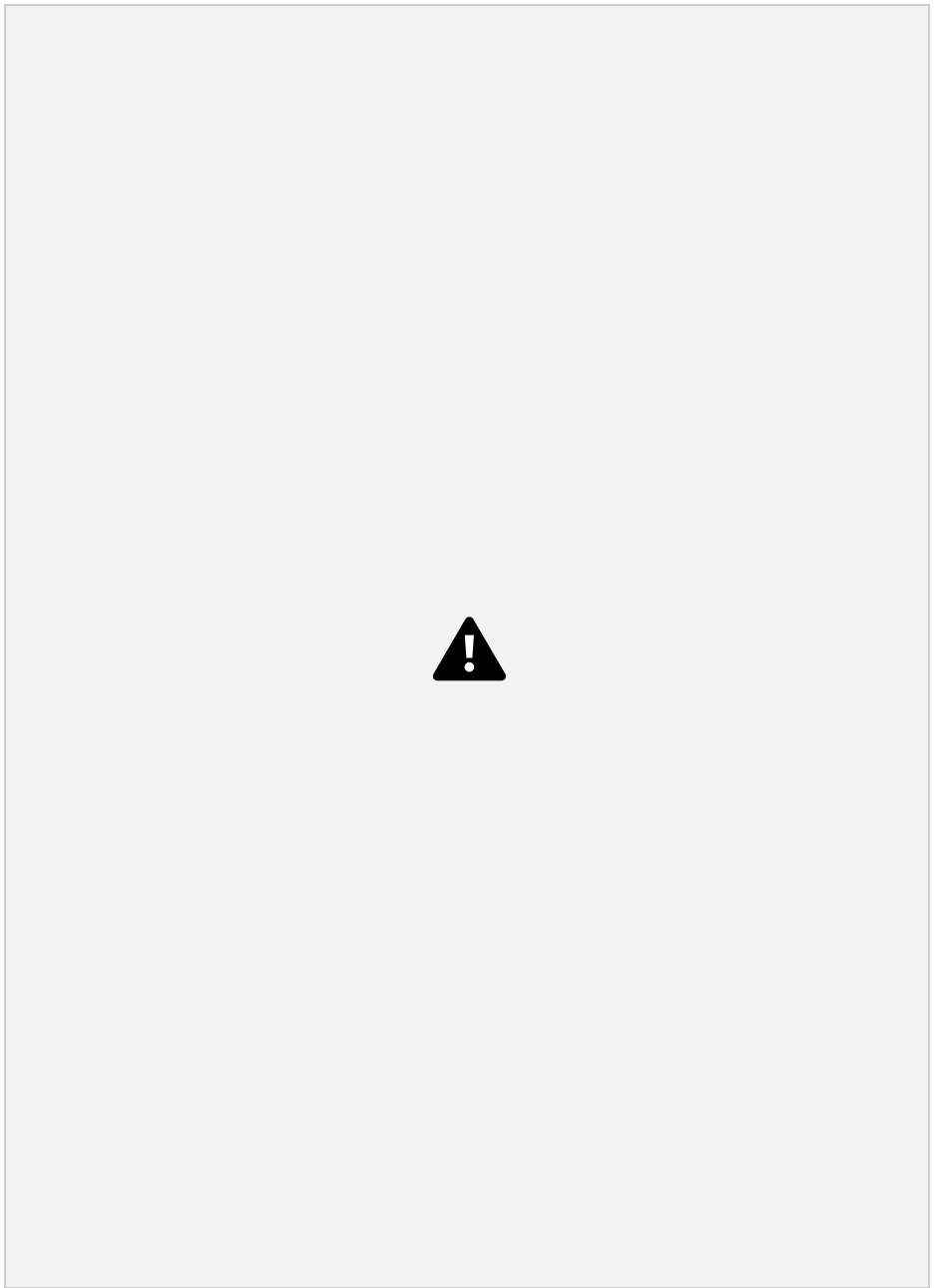
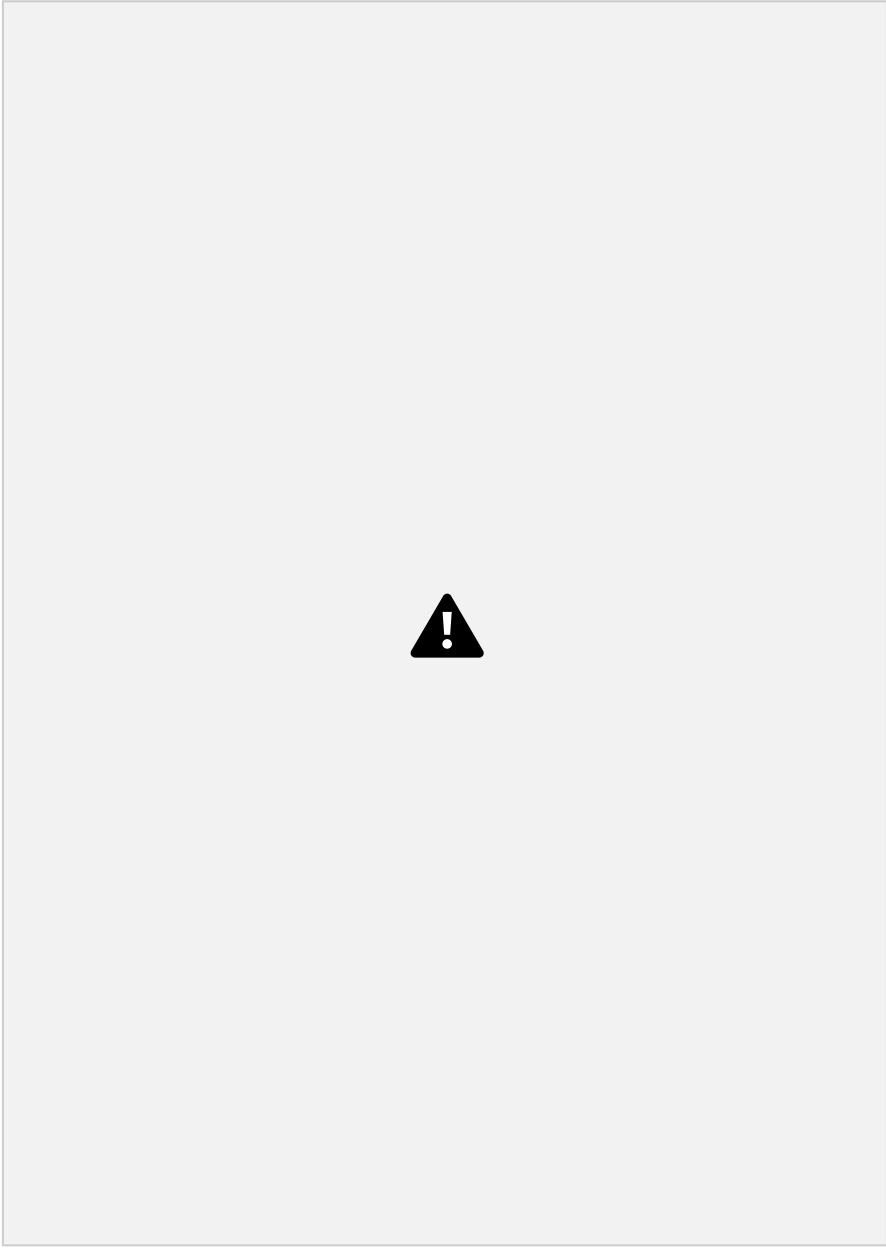












# Our Recruiters



## **The Impact of Artificial Intelligence in Education**

Artificial Intelligence (AI) is transforming various sectors, and education is no exception. From personalized learning experiences to administrative efficiency, AI is paving the way for a more dynamic and interactive educational landscape. This article explores the multifaceted impact of AI in education, its benefits, challenges, and future prospects.

### **Personalized Learning Experiences**

One of the most significant contributions of AI in education is the ability to provide personalized learning experiences. Traditional education systems often follow a one-size-fits-all approach, which may not cater to the individual needs of every student. AI, through adaptive learning technologies, can analyze a student's learning patterns, strengths, and weaknesses. Based on this data, AI systems can tailor educational content to meet each student's unique needs. For instance,

platforms like DreamBox and Knewton use AI algorithms to adjust the difficulty level of tasks in real-time, ensuring that students remain engaged and challenged.

#### Intelligent Tutoring Systems

Intelligent Tutoring Systems (ITS) are another AI-driven innovation enhancing the learning experience. These systems can provide real-time feedback and support to students outside the traditional classroom setting. For example, Carnegie Learning's MATHia uses AI to offer personalized math tutoring, helping students understand complex concepts at their own pace. ITS can also identify when a student is struggling and provide additional resources or adjust the teaching strategy accordingly.

#### Administrative Efficiency

AI is not only revolutionizing the learning experience but also streamlining administrative tasks. Educational institutions often deal with a significant amount of paperwork and repetitive tasks, such as grading, scheduling, and admissions. AI-powered tools can automate these processes, allowing educators to focus more on teaching and interacting with students. For example, AI based grading systems can evaluate multiple-choice and short-answer questions quickly and accurately, reducing the workload for teachers.

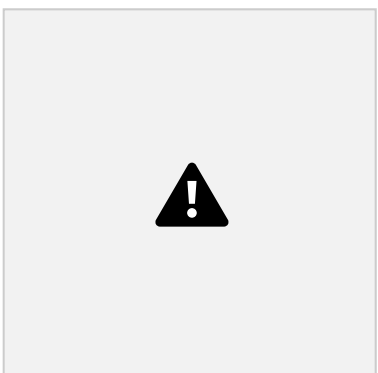
#### Enhanced Student Engagement

AI can significantly enhance student engagement through interactive and immersive learning experiences. Virtual Reality (VR) and Augmented Reality (AR), powered by AI, can create immersive educational environments. These technologies can transport students to different historical periods, simulate scientific experiments, or even visualize complex mathematical concepts, making learning more engaging and effective. Platforms like Nearpod and Google Expeditions are already utilizing VR and AR to create interactive lessons that captivate students' attention.

#### Challenges and Ethical Considerations

While AI holds great promise for education, it also presents several challenges and ethical considerations. One of the primary concerns is data privacy. AI systems rely on vast amounts of data to function effectively, raising concerns about the security and privacy of student information. Educational institutions must ensure robust data protection measures to safeguard sensitive information.

Sagar Sharma(BE B)



## **The Evolution and Impact of Drone Technology**

Drone technology, also known as unmanned aerial vehicles (UAVs), has rapidly evolved from its initial military applications to a diverse array of uses across various sectors. These versatile machines are now integral to industries such as agriculture, logistics, photography, and emergency services. In agriculture, drones are revolutionizing farming practices by providing precise aerial surveys, monitoring crop health, and optimizing the application of fertilizers and pesticides. This not only enhances yield but also promotes sustainable farming practices. In logistics, companies like Amazon and UPS are exploring drone delivery systems to expedite shipping and reduce costs, promising a future where goods can be delivered quickly and efficiently to even the most remote locations. The field of photography and film making has been transformed by drones, offering breathtaking aerial shots and perspectives that were previously impossible or prohibitively expensive. Moreover, drones play a critical role in emergency services, assisting in search and rescue operations, disaster management, and firefighting by providing

real-time aerial footage and access to hard-to-reach areas. However, the proliferation of drone technology also raises significant regulatory and privacy concerns. Governments worldwide are grappling with the need to develop comprehensive regulations that ensure safe and responsible drone use while balancing innovation and public safety. Privacy issues are particularly pertinent as drones can easily intrude into private spaces, necessitating stringent measures to protect individuals' rights. Despite these challenges, the potential of drone technology continues to expand, driven by advancements in AI and machine learning that enhance their capabilities and autonomy. As drones become more sophisticated, their applications will likely grow, further embedding them into the fabric of modern society and driving innovation across numerous fields.

Ayush Jain(BE A)





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