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SHREE L. R. TIWARI COLLEGE OF ENGINEERING

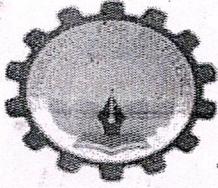
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Minority Status (Hindi Linguistic)

Crosscutting issues relevant to Professional ethics, Gender and Human Values and Environmental Sustainability

Sr. No.	Content
Professional Ethics Related Activities	
1	Public Speaking
2	Mock Meetings
3	Group Discussions
4	Generation of Plagiarism Report for documentation




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NAAC Accredited, NBA Accredited Program, ISO 9001:2015 Certified | DTE Code No. 3421
Minority Status (Hindi Linguistic)

DEPARTMENT OF HUMANITIES & APPLIED SCIENCES

FEC206 Professional Communication & Ethics – I

Second Semester, 2022-2023 (Even Semester)

Name of Student: Shreya shukla

Roll No. : 89

Division: F

Batch: F2

Assignment No. : 3

Date of Submission: 2/5/23

Particulars	Max. Marks	Marks Obtained
Timely Submission (TS)	2	2
Originality of the Material(OM)	2	2
Presentation (PR)	2	2
Clarity/Correctness of Language (CL)	2	2
Completion of Work (CW)	2	2
Total	10	10

Grades – Meet Expectations (2 Marks), Moderate Expectations (1 Marks), Below Expectations (0 Mark)

Checked and Verified by

Name of Faculty: Dr. Monika wagh

Signature:

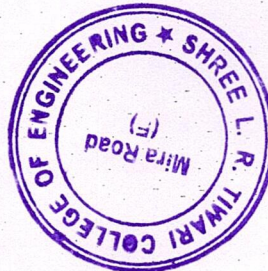
Date:

Monika
03/05/2023

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PUBLIC SPEECH

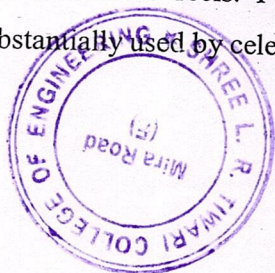
TOP SOCIAL NETWORKING SITES

Good Morning, Admired schoolteacher and dear students. I am Shreya Shukla from FE- IT, First of all, thank you for giving me this chance and allowing me to give my opinions on the subject of the top social networking spots. I appreciate the occasion and am happy to do so. I hope you'll find it intriguing and pay close attention.

Social networking websites offer a fantastic platform for family members to stay in touch with one another. further connections and communication with people throughout the world are eased by it. Despite popular belief, social networking spots include a lot of positive aspects as well as also, we can classify social networking spots as per blogging, vlogging, podcasting and further. We use social networking spots for colorful uses. It helps us in numerous ways; still, it also is veritably dangerous. We must cover the use of social networking spots and limit their operation so it doesn't take over our lives. Social networking spots are far and wide now. In other words, they've taken over nearly every sphere of life. They come with both, advantages as well as disadvantages.

When it comes to education, these websites ameliorate instruction through impacting the scholars. For their systems, they can probe a variety of subjects. The business field benefits a lot from social networking sites. the companies use social networking spots to connect better with their guests and business partners. for people in hunt of job it's the better place to connect with employers and firm. gives them a better occasion to seek jobs. The disadvantages of this networking spots are also veritably high, they give birth to cybercrimes like cyberbullying, plutocrat swindles and more. moreover, this social networking spots are veritably addictive. Student wastes their time and get distracted easily. They come veritably sleepy and inactive that leads to rotundity.

While there are numerous types of these spots, some are more notorious than the others. For case, Facebook is the largest social networking point. It has further than 1 billion druggies which keep adding every day. also, it also helps you promote your business or brand through ads. , there's Instagram. It's possessed by Facebook only. also, this app allows you to partake prints and vids with your followers and allows a stoner to produce a fun videotape which are also known as reels. Furthermore, Twitter is also a great social networking point. It's substantially used by celebrities and politicians. This point allows you to post short dispatches



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PUBLIC SPEECH

called tweets to partake your studies. Twitter is a great platform to convey your communication in limited words. Moreover, we've LinkedIn. This is one of the most sought after spots which allow professionals to detect and hire workers. latterly, it's available in further than twenty languages to give a stoner-friendly interface. Finally, we've WhatsApp. Though it entered the game relatively late, this instant messaging app made a place for itself presently. Facebook acquired this app as well. It allows you to partake textbook dispatches, images, vids, audios, documents and further.

In short, social networking spots are a bane and a boon. It depends on us how we use it. Anything in excess is dangerous; likewise, social networking spots are too. Use them for your benefit and don't let them control your life.

Thank you for hearing my speech i hope you all have enjoyed it and now you all know the top social networking spots.

Thank you

Reference:-

<https://brainly.in/question/1452563>

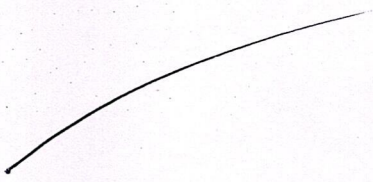
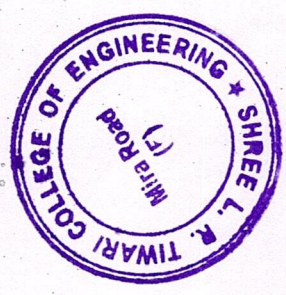
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<https://www.coursehero.com/file/148468740/Social-Networkingdocx>

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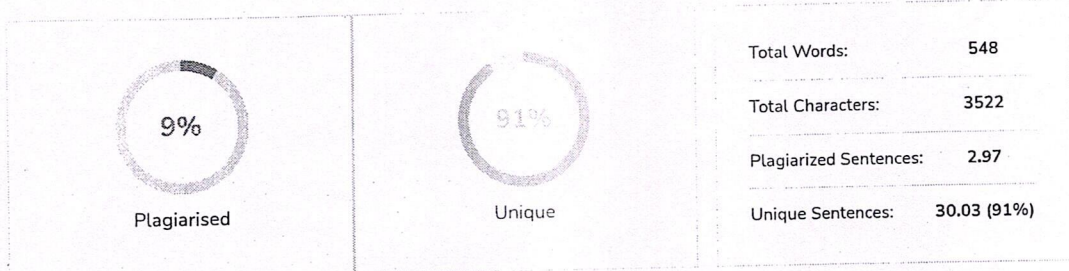
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Plagiarism Scan Report

Report Generated on: Apr 12, 2023



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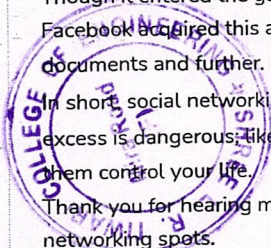
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1.5min speech on craze of social networking sites among ...SPEECH ON "SOCIAL NETWORKING SITES BRINGING ...

Sep 6, 2017 — Social networking websites offer a fantastic platform for family members to stay in touch with one another. More contacts and communication ...Aug 24, 2020 — Social networking websites offer a fantastic platform for family members to stay in touch with one another. More contacts and communication ...
<https://brainly.in/question/1452563>

50%

Social Networking Sites Essay for Students and Children

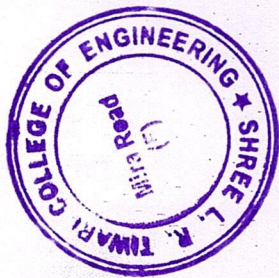
They come with both, advantages as well as disadvantages. If we talk about the educational field, these sites enhance education by having an influence on ...
<https://www.toppr.com/guides/essays/social-networking-sites-essay>

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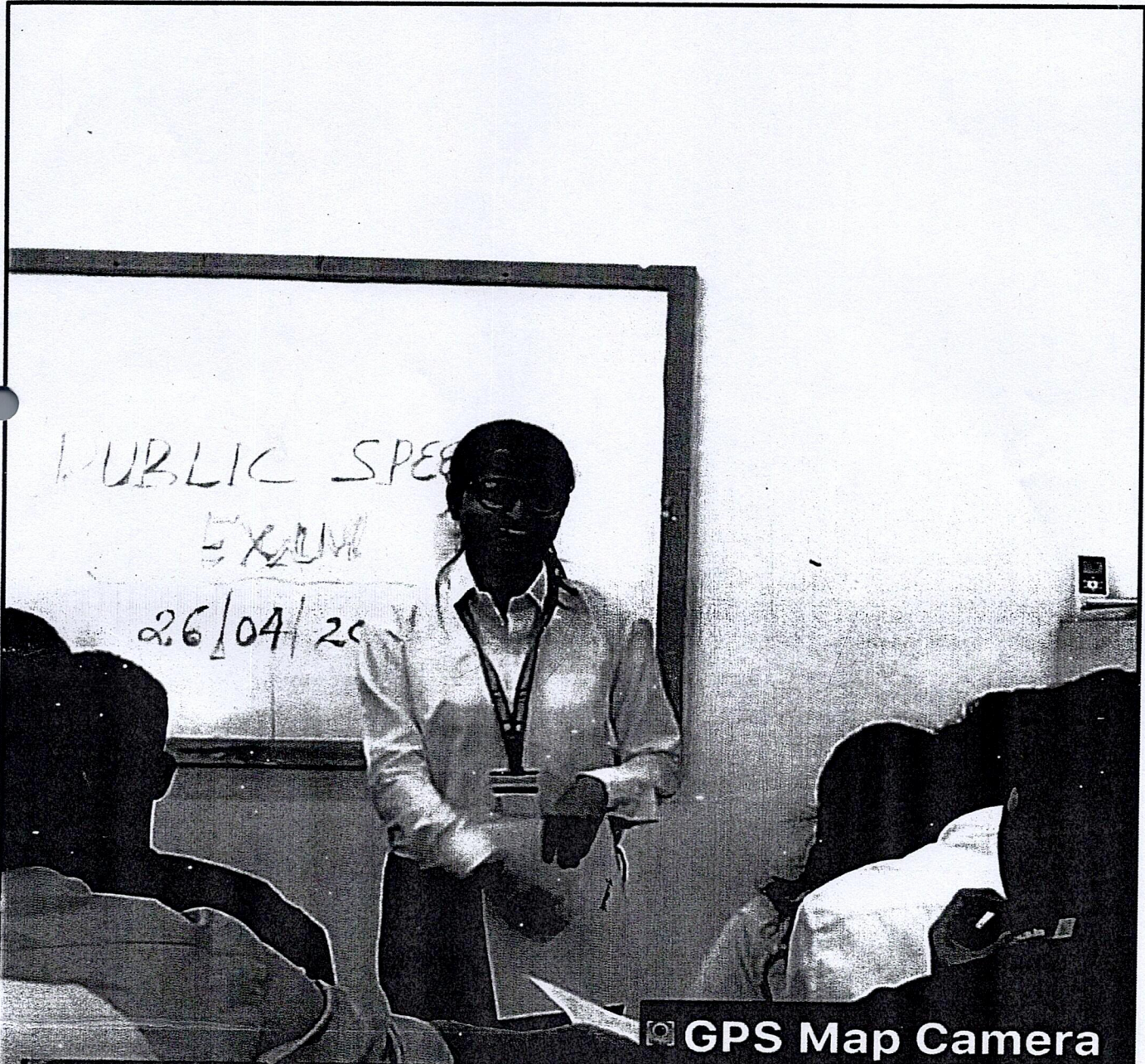
Social and Cultural impact of ICT

We can create audio files by recording onto microphones and it allows us to vary multimedia. We have negative impacts too but it depends on us how we use it.
<https://www.oercommons.org/courseware/lesson/16415?page=2>

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 **GPS Map Camera**



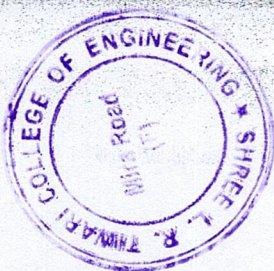
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Maharashtra 401107, India

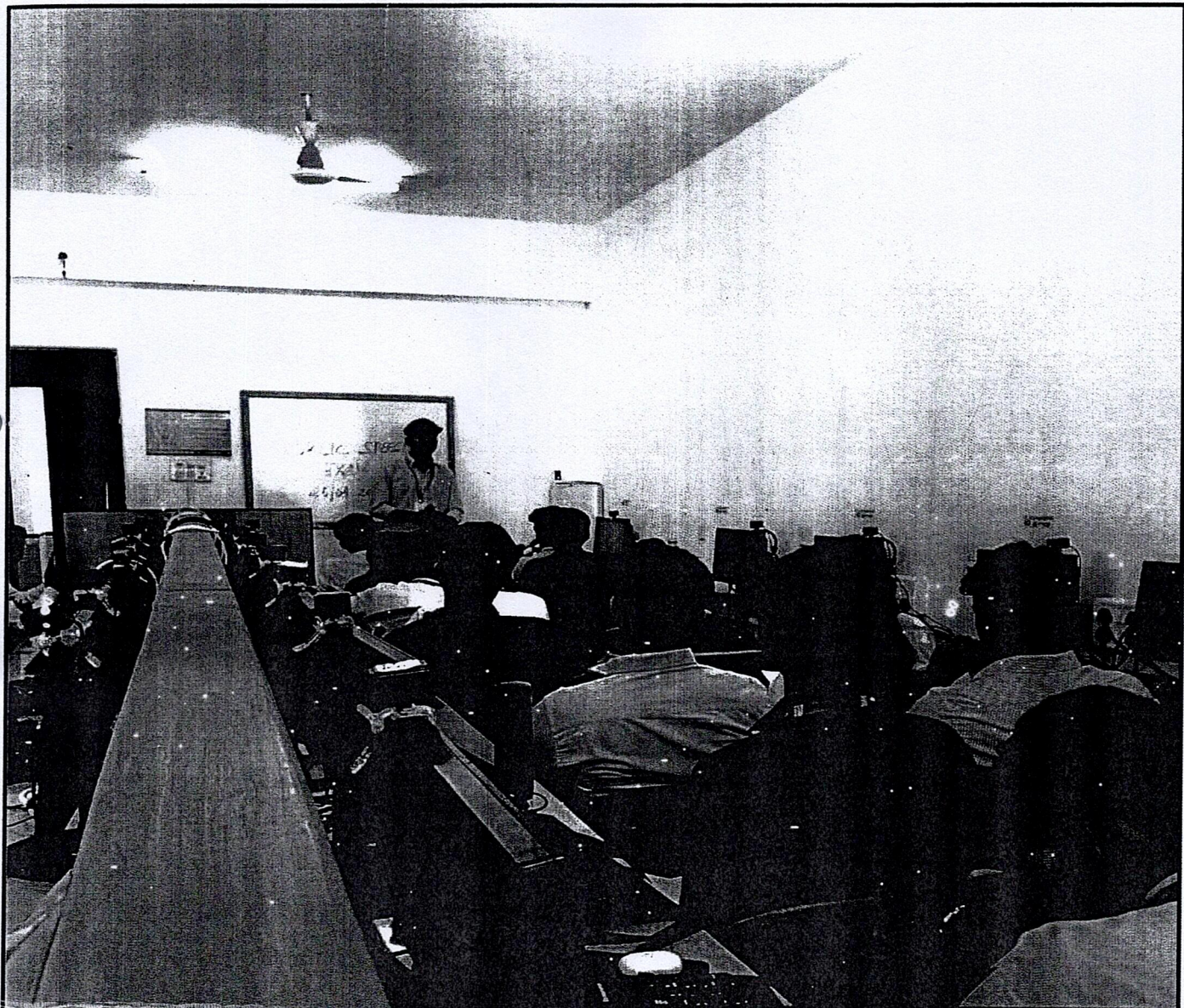
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Google

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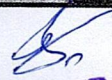
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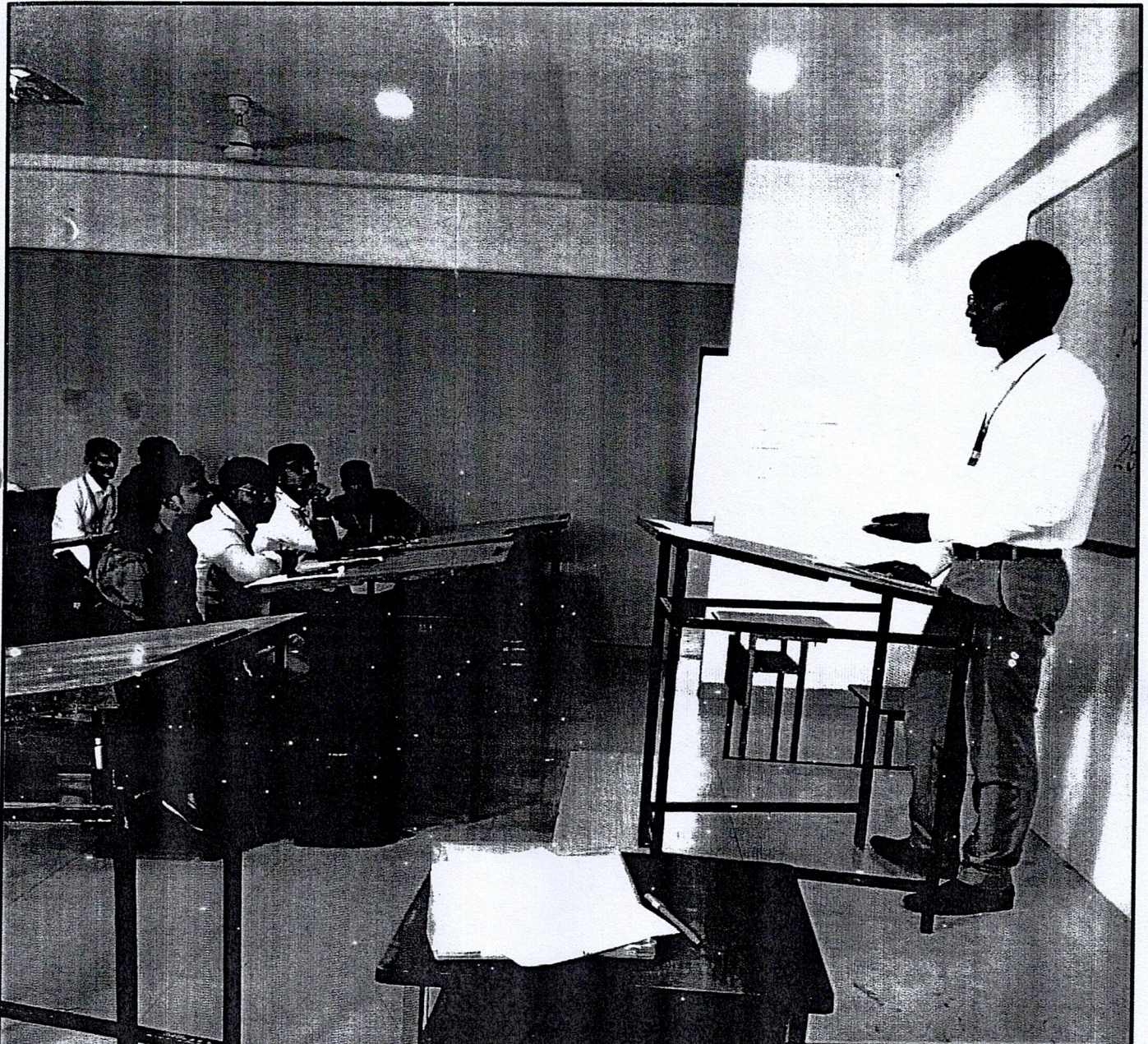
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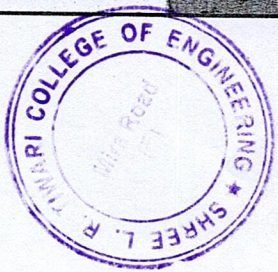



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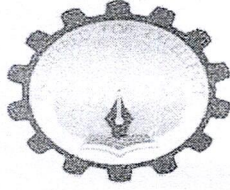


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NAAC Accredited, NBA A Accredited Program, ISO 9001:2015 Certified (DIT Cod. No. 477)
Minority Status (Hindi Language)

DEPARTMENT OF INFORMATION TECHNOLOGY

ITL505 Professional Communication & Ethics –II

Fifth Semester, 2022-2023 (Odd Semester)

Name of Student : SWARANGI ANANT SAWANT

Roll No. : 38

Division : D(I.T)

Batch : B2

Assignment No. : 03

Date of Submission : 14/10/2022

Particulars	Max. Marks	Marks Obtained
Timely Submission (TS)	2	2
Originality of the Material(OM)	2	2
Presentation (PR)	2	1
Clarity & Correctness of Language (CL)	2	1
Completion Of Work (CW)	2	2
Total	10	8

Grades – Meet Expectations (2 Marks), Moderate Expectations (1 Mark), Below Expectations (0 Mark)

Checked and Verified by

Name of Faculty : PROF. MONIKA WAGH

Signature :

Monika Wagh
14/10/2022



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NOTICE

The 3rd meeting of the Executive Committee will be held at Board room 3 p.m. on 3 October 2022.

Previous MOMs:

Most of the MOMS were discussed ,approved and carried out successfully ,Only The Update on the listing of the company Was Remaining.

AGENDA

- 3.1. Update on listing our company in the public domain.
- 3.2. start our Manufacturing plant in India and close from China.
- 3.3. product innovations.
- 3.4. Decisions to shut the productions of flop products.
- 3.5. Strategies for clearance of old stock and new marketing strategy for the future products.
- 3.6. Issue regarding software issues of wearables as brought forward by the CCO.

PRESENT

- Ms Swati Inchanalkar, COO
- Ms Swarangi Sawant, CPO
- Ms Sakshi Kalambe, HR
- Mr Ramesh Vishwakarma, CCO
- Mr Harsh Gohalyan, CFO
- Mr Parag Bhosale, CTO
- Mr Pradeep Prajapati, CMO
- Mr Rohanreddi Jalareddi, CEO



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AGENDA 1. Update on listing our company in the public domain.

Getting a recent update on what is going on in the procedure what obstacles are their and status of the IPO

AGENDA2. start our Manufacturing plant in India and close from China.

To promote the make in India campaign We have decided to start our manufacturing plant in India , get the status of the project and problems in them.

3. product innovations.

Discuss about the previous innovation and their result also , discuss the new innovations fo the future products.

4. Decisions to shut the productions of flop products.

To take the decision about the not selling products to shut them down or some other solution.

5. Strategies for clearance of old stock and new marketing strategy for the future products.

Th products which are not selling and their old stock problem, discuss the strategy for clearing the old stock. And also discuss some new strategy for the future products

6.Issue regarding software issues of wearables as brought forward by the CCO.

Discuss the issues raide by CCO and discuss about solution for the problem



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Mock Meeting Script

CHARACTERS

Roll No Name Character

- 69 Swati Inchanalkar COO(Chief Of Operations)
 38 Swarangi Sawant CPO(Chief Product Officer)
 15 Sakshi Kalambe HR (Human Resource)
 56 Ramesh Vishwakarma CCO(Chief Customer Officer)
 64 Harsh Gohalyan CFO(Chief Financial Officer)
 65 Parag Bhosale CTO(Chief Technical Officer)
 66 Pradeep Prajapati CMO(Chief Marketing Officer)
 67 Rohanreddi Jalareddi CEO(Chief Executive Officer)

NARRATION

A very good morning/afternoon to everyone.
 The scene is set in the board meeting room of boAt lifestyle.

The members in the meeting are as follows:

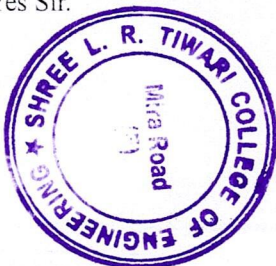
Rohanreddi Jalareddi as the CEO.Parag Bhosale as the CTO. Swati Inchanalkar will be the COO. Pradeep Prajapati is the CMO while Swarangi Sawant will be the CPO. The role of CFO will be played by Harsh Gohalyan, while Sakshi Kalambe will be HR and Ramesh Vishwakarma will CCO.

The Employees of the Company are here to discuss certain problems faced by boAt lifestyles and put forth various ideas to overcome the same. Let us see what happens in today's board meeting.

BOARD MEETING STARTS...

CEO: Thank you everyone for joining us today. Let's go through the minutes of the previous meeting before starting off with today's meet please?

HR: Yes Sir.



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1. Taking our presence to E-commerce platforms like Amazon and Flipkart
2. Clearance of dues to employees
3. Improvising our digital Presence
4. Decision to list our company in the public domain
5. Precautionary measures for the safety of our employees
6. Decisions to deduce salary of employees to 50%
7. Strategies for clearance of old stock

Most of the minutes of the previous meeting were approved and carried out successfully while we are yet to discuss the details about the listing of the company's IPO.

CEO: Noted. Ms Sakshi, can you also please brief everyone about the Agendas of today's meeting?

HR: Sure Sir. Today we are here to discuss the following points:

1. Update on listing our company in the public domain.
2. start our Manufacturing plant in India and close from China.
3. product innovations.
4. Decisions to shut the productions of flop products.
5. Strategies for clearance of old stock and new marketing strategy for the future products.
6. Issue regarding software issues of wearables as brought forward by the CCO.

AGENDA 1: Market Updates

HR : To start things off, I request all the members to present the board with updates from their respective departments


CCO: The customer feedback has improved since, last year as we improved our service. By, expanding our service centre network, And also we started product pickup for complaint of product defect which is in warranty.

CPO: As decide we expand our product range drastically an it is going well. Right now last Month sales increase is nearby 10%, And this also increasing every month.

CMO: the marketing strategy of hiring the influential celebrities who is craze is mostly among youngsters, That worked very well. Our Hashtag keeps trending nowadays, that give's us free marketing.

CFO: To talk About our Revenue last year it has Increased from 610crs to 1320crs in 2021,




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And our profit has also nearly doubled from 47.79crs to 86.53crs. And currently our total assets values is also increased from 19crs to 678crs.

CEO: Ok, the updates are noted let's move on to our agenda.

HR: Sure sir.

AGENDA 2: Update on listing our company in the public domain.

HR: In previous meeting, We were discussing about the prospect of listing our company's IPO's on the stock market. And also please give some updates about the Finances.

CFO: Our Valuation has been increased to 1.5 billion\$ after the last series B round which raised 500 million \$, By the Qualcomm Ventures. And we Are looking towards 2 Billion\$ valuation after IPO. We have filed a DRHP (Draft Red Herring Prospectus) with SEBI on 26 January 2022 for an IPO of Rs. 2,000 crores. This offer includes a 900 crores fresh issue of equity shares and an offer for sale amounting to Rs. 1,100 crores. Further, We are looking to raise Rs. 180 crores through a pre-IPO placement. So naturally, the more money we raise, the better it is for our company. So far, We are waiting for SEBI's approval before it can float the IPO in the market.

CEO: OK, Mr harsh we have done the work of filling the DHRP, Glad to hear that.

COO: Are We Going For Employee stock options?

CFO: Yes, of course Employees working for the company would have shares allotted to them as a incentive. The shares are allotted at a discount to the employees. In this way we can save a lot of cash from the funds we have left.

HR: Lets move further now.....

AGENDA 3: Start Our Manufacturing Plant In India And Close From China

CEO: So, Ms Swati Tell me what is the update Regarding this?

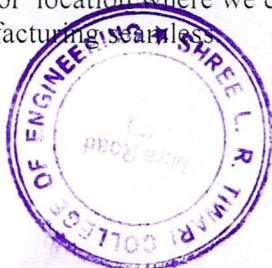
COO: Our project to start a Manufacturing plant in India is taking time we have finalized the location. We are just looking for the cotations, for the constructions and machineries. And we will surely set up Our plant in next 6 months and start the Manufacturing.

CEO: Ideally The constructions should be started by now, why it took so much time?

COO: Yes sir, but the finalizing of the location took time that's why we are late.

CEO: Why finalizing the location took time?

COO: Sir right now we are Manufacturing our products from China, so we have our supply chain their for the components like semiconductors, But when it comes to India we have to look for location where we can efficiently manage our supply chain and make the manufacturing seamless.




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CEO: Ok , So now we have finalized the location, so please speed up the further process. As it is becoming difficult to defend the made in China tag.

COO: Sure sir.

CEO: So, What is the next agenda for today Ms Sakshi?

AGENDA 4: Product Innovations.

CEO: Ms Swarangi Please Go Ahead With this.

CPO: So, sir right now we were totally focusing on the quality of the drivers and bass optimizations. And also the product design. And they have given very good results so far.

CEO: So what are You thinking next for the next innovation ?

CPO: Sir, we can now focus on ANC as this lockdown increased the online meets culture. So, Noise cancellation in the low cost can be a game changer.

CEO: Ok Ms Swarangi, But do you really think we can provide it in our range because the other brands are doing it in a very premium segment so, Noise cancellation in lower range can result in losses, right now we don't have that much funds to fund this risk and bear the losses, what if most of the people don't find it useful or find it problematic ?

CPO: You are right sir ANC is a Expensive Technology to implement but we can trick it By Giving just few decibels of it , and attract customers, if it goes well then we can enter in a new price segment with a good Quality ANC.

CEO: Looks like you have done a good research, And also have a execution plan for it ,am I right?

CPO: Yes Sir! I am confident about this one.

CEO: So, Discuss it With Mr. Parag and you both meet me with the whole execution plan and Whole calculation of it, After that we will have chat on this and then You go head with this.

CPO: Ok Sir.

CEO: Next agenda for the day Ms Sakshi?

AGENDA 5: Decisions to shut the productions of flop products.

CEO: AGAIN Ms Swarangi ,any update?

CPO: So, most of the products it this lists are using the older technology, and failed because of poor product design.

CEO: Ok So, either we shut down them or relaunch them with the new technology?




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CPO: what I think is the product with poor design issue should be shut down, and only with older technology and good design should relaunch with the new technology and some design enhancements.

CEO: We can also redesign the products with the poor design, why to shut down them only?

CPO: Sir it will take time to entirely redesign the products instead we will think of new products and enhancement will not take more time.

CEO: Ok so You look after this and keep me updated on this.

CPO: ok sir

CEO: Next agenda please?

HR:

AGENDA 6: Strategies for clearance of old stock and new marketing strategy for the future products.

CEO: Ms Pradeep, Do you have something in mind, any marketing for this, I want it to be cleared ASAP we have to restock our best selling products, and also increase stock for the festive sale.

CMO: Yes sir, Right now we can launch a seasoned sale and give discounts on all products.

CEO: Why on all products we just have to clear the old stock of non selling products.

CMO: Sir, What we will do is give a huge discount for old stock and a little discount of best selling products, now the consumer will have a requirement of speaker so looking on a heavy discount he will buy the our less selling products.

CEO: Anything for the future product, or any suggestions for the products that will grow our brand.

CMO: Yes sir, what I think is we have to start providing little bit of customization to consumers which will be surely appreciated in future.

CEO: Can You please elaborate a little bit.

CMO: Sure sir, what we can do is provide a extra option to print name or any kind of emoji or logo design, or even an extra option with radium paint will be more attractive, We will charge extra for it, right now very minimal pricing once the customer obsessed we can increasing the pricing.

CEO: This a new experiment, Because only one brand is providing this type of option, that to in very premium segment, do you really think this will work in lower segment too?

CMO: Yes Sir lets see what consumer does when we give the option, because if this got hit then we will be the having a free of cost marketing by word of mouth.

CEO: Have a discussion with Mr Harsh about the budget you need for this strategy and meet me with him and we will finalize this.

CMO: Yes, sure sir

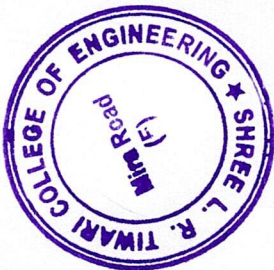
CEO: Also I want the stocks cleared As soon As possible, I think We are about to end today's meeting? Yes Ms Sakshi?

HR: Yes sir. Here is the last agenda.

AGENDA 7: Issues regarding The wearable Software as brought by CCO.

CEO: Mr Ramesh, Can You please Elaborate This issue

CCO: Sure sir, As we recently entered the wearable segment with very good products, But we are lacking on software there are so many complaints regarding the app and also compatibility issues with it.



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CEO: Mr Parag Do you have any ans for it ?

CTO: Sure Sir , First of all the whole problem was created because of the unrealistic deadline we have given to deploy the software. It takes time to build a app and test it, We haven't got enough time to test it that's why the compatibility issues and bugs are their.

CEO: Yes I can understand, But If we want to compete in this market we have match this speed, Just tell me where are we lacking.

CTO: First Of all the size of the team is to less, and employees and not so much exited , So even after doing the overtime we lack in speed.

CEO: Ok I got the issue and I have a solution for it , We will increase the the size of team. But I want to know, the ratio of experienced and fresher's in the your Team.

CTO: So there is about 70-30 ratio of experienced and fresher's.

CEO: even after having a good ratio why we lack in speed .

CTO: Fresher's needed training and because of the deadline we had to stop the training and put them on the project in the middle of the training.

CEO: Can I know the Hiring Procedure first.

HR: I'll explain you sir, We are tied up with the reputed colleges, and we have a set criteria for attending our drives , We are following all the SOPs.

CEO: I think this is where we are doing the mistake.

CTO: what mistake sir, We are following The SOPs, what is wrong in that?

CEO: Look we are not running a service based company we are product based company, and also we are a start-up right now so we can't relay on SOPs it will not allow us to scale.

CTO: So what is the plan, Sir?

CEO: What we will do is , we will first stop visiting the single campus for drives, we will arrange pool campus of off campus drives. And now we have to remove all the criteria , let everybody with the skills attend the drive. Why do we judge the skills on criteria like degree, pervious education percentage? Do we really need this type of criteria?

CTO,HR: Right Sir!

CEO: By using this hiring procedure we can have the best software developers in the market and we will have a last round after HR Round, that will a Our requirement specific round. That's how we will get the right people for the job!

ALL OF US: AGREED!

CEO: MS Sakshi and Mr Parag You both will redesign the whole hiring procedure for us, and meet me to finalize it?

CTO,HR: Yes Sir!

CEO: One last thing Mr Parag , We will arrange the teams after the new hiring is done, give me a reminder and we will have a meeting for it with Ms Sakshi.


CTO,HR: Yes sir!

HR:

CONCLUSION: summing up today's meeting.

1. Got and update regarding company IPO
2. We have to speed up the manufacturing project
3. We have talked about the new innovations for the future products

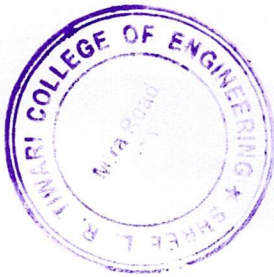



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4. Decision taken for the flop products.
5. Discussed the strategy for the clearance of old stock
6. Discussed the solution for the issues brought ny CCO

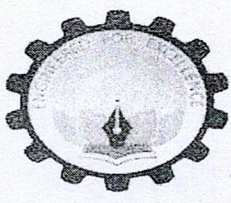
That's all for today. Have a great day ahead...

-----THE END-----



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A handwritten signature in blue ink, consisting of a single, fluid, sweeping stroke.



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Approved by AICTE & DTE, Maharashtra State & Affiliated to University of Mumbai
NAAC Accredited, NBA Accredited Program, ISO 9001:2015 Certified (DIT Code No. 15423)
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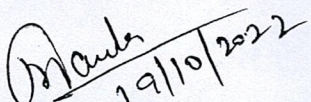
DEPARTMENT OF INFORMATION TECHNOLOGY ITL505 Professional Communication & Ethics –II Fifth Semester, 2022-2023 (Odd Semester)

Name of Student : SWARANGI ANANT SAWANT
Roll No. : 38
Division : D(I.T)
Batch : B2
Assignment No. : 10
Date of Submission : 19/10/22

Particulars	Max. Marks	Marks Obtained
Timely Submission (TS)	2	2
Originality of the Material(OM)	2	2
Presentation (PR)	2	1
Clarity & Correctness of Language (CL)	2	2
Completion Of Work (CW)	2	2
Total	10	9

Grades – Meet Expectations (2 Marks), Moderate Expectations (1 Mark), Below Expectations (0 Mark)

Checked and Verified by

Name of Faculty : PROF. MONIKA WAGH
Signature : 
Date : 19/10/2022





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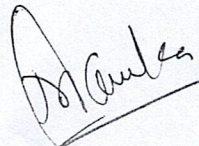
Group Discussion Checklist

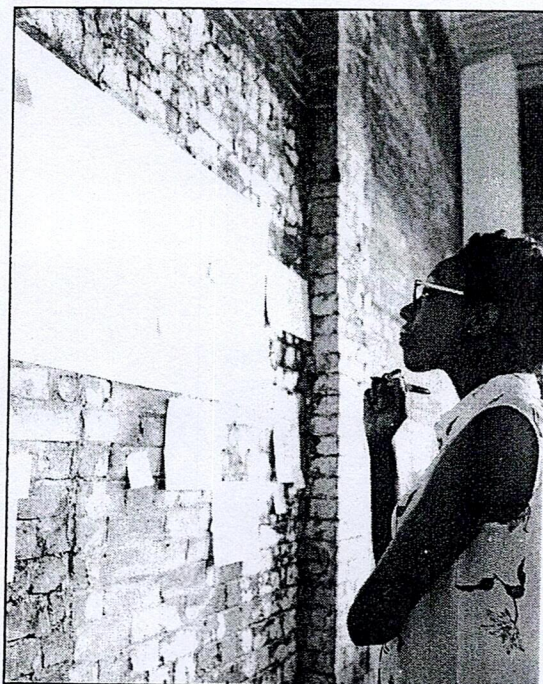
Date: 19/10/2022					
Topic of discussion: Non Technical people should not get technical jobs					
Criteria	Student- SAKSHI	Student- ROHAN	Student- KAUSTOBH	Student- SWATI	Student- HIMANSHU
Speaks appropriately	S	E	E	S	E
Answers a question appropriately	S	S	E	S	E
Asks appropriate questions	L	S	S	L	S
Listens and responds	S	S	E	S	S
Makes logical contributions	S	L	S	S	S
Stays on topic	S	S	S	L	S
Shows sensitivity to others	E	S	L	E	S
Participates fully	E	E	E	E	E
Comments: Rohan was excellent Sakshi was good					

E = Excessive | S = Sufficient | L = Limited | N = Never




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CONCLUSION

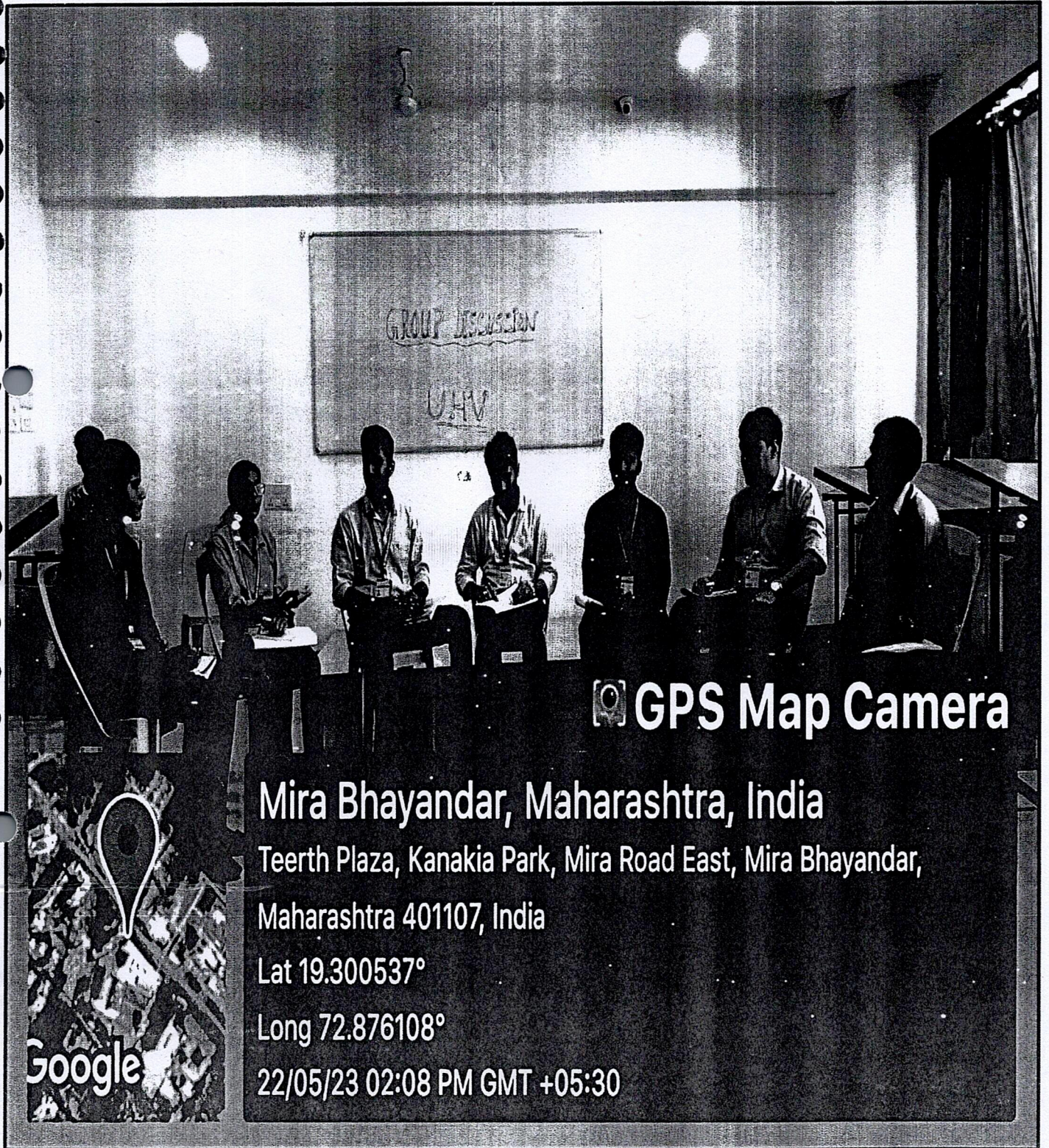
- Steganography is useful for hiding messages for transmission
- Steganography is not intended to replace cryptography but rather to supplement it.
- If a message is encrypted and hidden with a steganographic method it provides an additional layer of protection

12

THANK YOU



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 **GPS Map Camera**

Mira Bhayandar, Maharashtra, India

Teerth Plaza, Kanakia Park, Mira Road East, Mira Bhayandar,


Maharashtra 401107, India

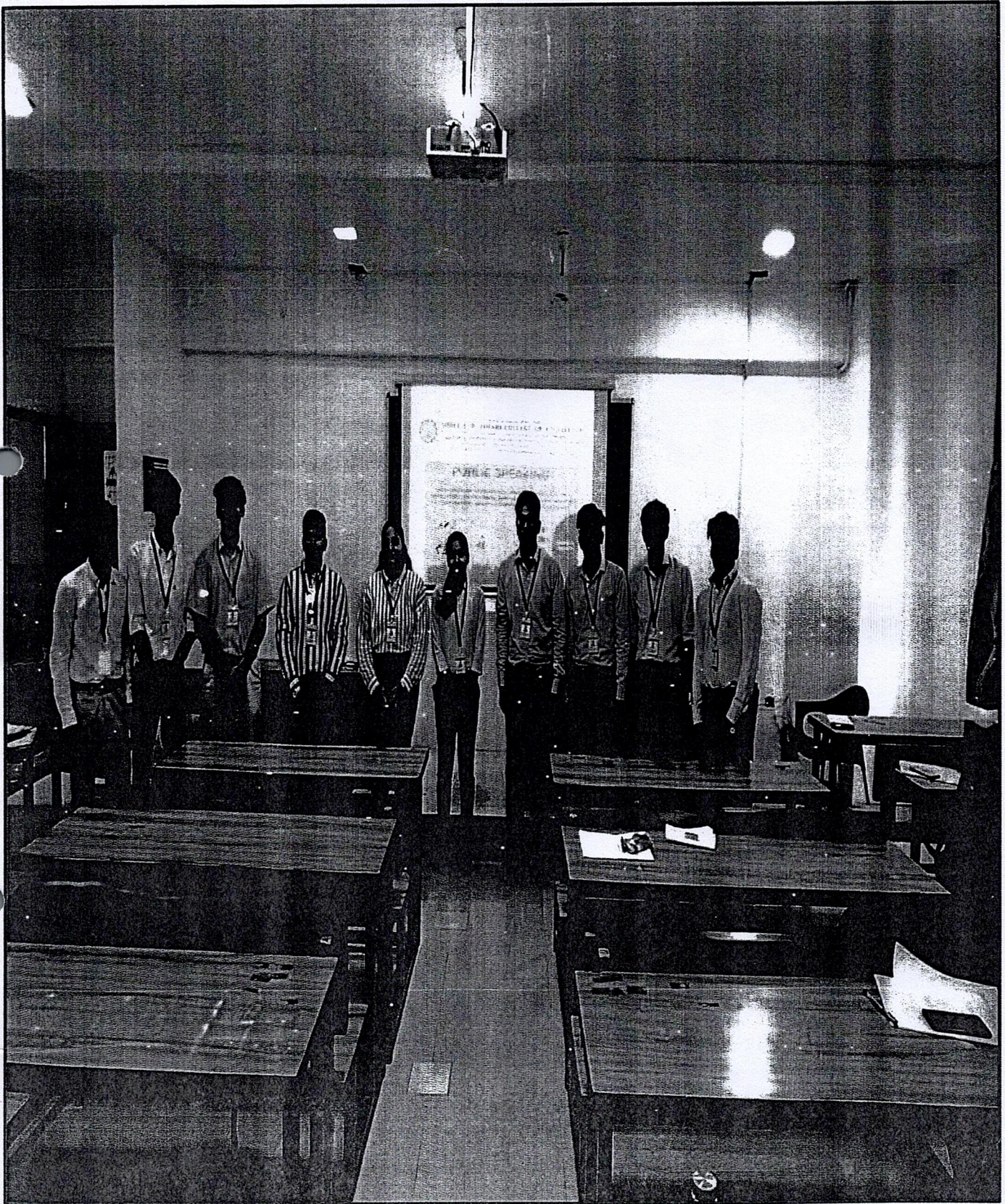
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Long 72.876108°

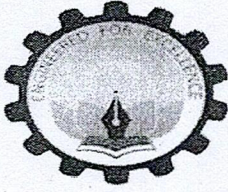
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DEPARTMENT OF INFORMATION TECHNOLOGY

ITL505 Professional Communication & Ethics -II

Fifth Semester, 2022-2023 (Odd Semester)

Name of Student : SWARANGI ANANT SAWANT

Roll No. : 38

Division : D(I.T)

Batch : B2

Assignment No. : 04

Date of Submission : ~~03/08/2022~~ 15/09/2022

Particulars	Max. Marks	Marks Obtained
Timely Submission (TS)	2	2
Originality of the Material(OM)	2	2
Presentation (PR)	2	2
Clarity & Correctness of Language (CL)	2	2
Completion Of Work (CW)	2	2
Total	10	10

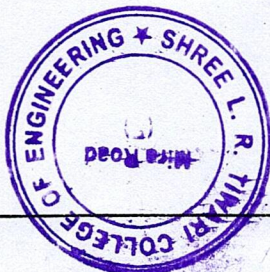
Grades – Meet Expectations (2 Marks), Moderate Expectations (1 Mark), Below Expectations (0 Mark)

Checked and Verified by

Name of Faculty : PROF. MONIKA WAGH

Signature :

Monika
21/09/2022



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Web Application Security Risks

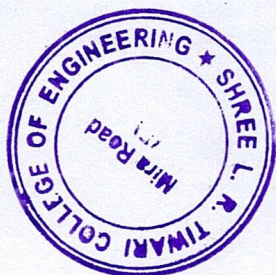
Swarangi Sawant

III Year IT, Shree L.R Tiwari
College of Engineering, Mumbai
University, Maharashtra, India

Swara4634@gmail.com

Abstract—As the technology is growing day by day and world is undergoing major changes as all the fields are turning into digitisation along with the development there is a risks of attackers attacking the important credentials that would lead to a major loss and keeping up with that security is very difficult as people aren't aware of the vulnerabilities that would lead to this risks. To make people aware about it OWASP releases top 12 vulnerabilities that had been spotted in the current year. Which include various vulnerabilities such as Broken access Control, Cryptographic Failures, Injection, Insecure Design ,Misconfiguration, Vulnerable and Outdated Components, Authentication Failures, Integrity Failures ,SSRF,CSRF The reason for bringing up this topic is because A9 vulnerability is very frequently seen as per my experience in the pen testing. We will be discussing about how to identify the known vulnerability in a web application from hacker point of view and how remediation would help the developer to close the vulnerability.

Keywords-- Vulnerabilities, OWASP TOP 10, XSS, SQL Injection, Insecure Design ,Misconfiguration, Vulnerable and Outdated Components, Authentication Failures, Integrity Failures ,SSRF,CSRF.



INTRODUCTION

The OWASP Top 10 is a standard awareness document for developers and web application security. It represents about the most critical security risks a broad consensus to web applications. The number of potential web application security risks increases as businesses move their operations online. Some of the vulnerabilities remain unavoidable but while many of these risks can be mitigated through proper security measures. The Open Web Application Security Project (OWASP) has prepared a list of the top 10 web application security risks to assist enterprises in understanding and mitigating these threats.

The main goal of OWASP foundation is to improve the overall security of software, regardless of its application or use .The worlds contains tens of thousands of developer and security members along with thousands of local chapters. They offer educational and training conferences, tools and resources to combat security risks in applications, and are a great source for community building and networking. They have been practicing their mission statement for nearly two decades and are widely respected by programmers, system administrators, and the IT community at large.

As security breaches has become one of the most common. In 2016 Verizon Data Breach Report, one in every four hacking-related breaches that happened in 2016 was found on a small business according to the report. Coming to the worse is that there are 10

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different vulnerabilities hackers is commonly used to hack your data. OWASP Top 10 has presented these vulnerabilities. In order to prevent these vulnerabilities we need to know what exactly it is. The sections below present a discussion on OWASP and its top 10 vulnerabilities.

Intelligent Orchestration manages additional testing, which can determine the type of testing required and the business criticality of the application to be tested. Valuable information is offered by AST tools to address individual OWASP standards, are facilitated and orchestrate repeatable software quality control and operations across all AST issues by AST tools.

PROPOSED IDEAS

A multitude of application security tools is used by most business to help check off OWASP compliance requirements. Organizations still face the challenge of aggregating, correlating, and normalizing as this is a good application security practice, but it is not sufficient for the different findings from their various AST tools. The process efficiency and team productivity improves where application security orchestration and correlation (ASOC) tools comes.

Proactively tracking and addressing violations of OWASP Top 10 standards can be aided by having an ASOC. These solutions offer a frictionless means is offered to visualize and implement OWASP standards early by these solutions as they integrate with developer frameworks and tools that support continuous testing, tracking, and management of security activities and findings.

WORK DONE

In 2017, to determine likelihood, we selected categories by incidence rate then ranked them by team discussion based on decades of experience for Exploitability, Detectability (also likelihood), and Technical Impact. We want to use data for Exploitability and (Technical) Impact for 2021, if possible. We calculated average exploit and impact scores were calculated in the following manner, for TOP 10 2021. We grouped all the CVEs with CVSS scores by CWE and weighted both exploit and impact scored by the percentage of the population that had CVSSv3 + the remaining population of CVSSv2 scores to get an overall average. Exploit and (Technical) Impact scoring for the other half of the risk equation was mapped by averages to the CWEs in the dataset. The data are primarily limited to what we can test for in an automated fashion for results. To know about stuff talk to a seasoned AppSec professional, and they will tell trends they see that aren't yet in the data. To develop testing methodologies for certain vulnerability types takes time for people and then more time for those tests to be automated and run against a large population of applications. Missing trends from the last year, which are not present in the data could be found by looking back in the past.

Therefore, we only pick eight of ten categories from the data because it's incomplete. The Top 10 community survey also has two other categories. To vote for what they see as the highest risks that might not be in the data (and may never be expressed in data) is allowed for the practitioners on the front lines.

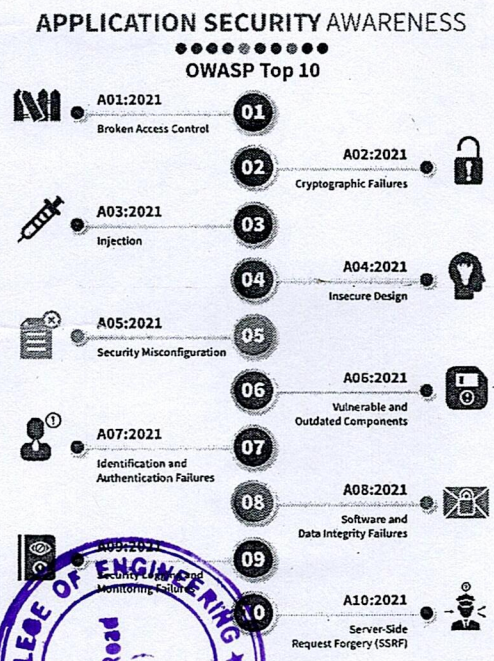
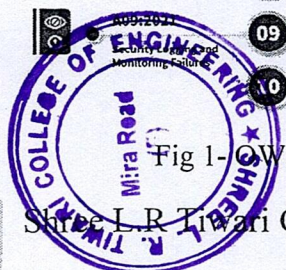


Fig 1- OWASP TOP 10

IMPLEMENTATION

A01:2021-Broken Access Control is at fifth position as it moves up on comparison with 2017 top 10. Some broken access control were tested out of



which 94% of applications resulted true. Broken Access Control was mapped to The 34 Common Weakness Enumerations (CWEs).

A02:2021-Cryptographic Failures shifts to position #2 which was at #3 previously. it was also known as Sensitive Data Exposure, which was broad symptom rather than a root cause. Sensitive data exposure or system compromise is lead due to renewed focus related to cryptography.

A03:2021-Injection goes down to the third position. The 33 CWEs mapped into this category have the second most occurrences in 94% applications which were tested. Cross-site Scripting is now part of this category in this edition.

A04:2021-Insecure Design is a new category for 2021, with a focus on risks related to design flaws It calls for more use of threat modelling, with secure principles and architecture and genuinely want to "move left" as an industry .

A05:2021-Security Misconfiguration in the previous edition was #7 and now moves up from #6 Almost 90% of applications were tested for some form of misconfiguration. It's not surprising to see this category move up as it would go due to with more shifts into highly configurable software.

A06:2021-Vulnerable and Outdated Components is #2 in the Top 10 community survey, and previously titled Using Components with Known Vulnerabilities and was on #9 in 2017 but also had enough data to make the Top 10 via data analysis. There is no Common Vulnerability and Exposures (CVEs) mapped to the included CWEs, so a default exploit and impact weights of 5.0 are factored into their scores and it's only category with no CVEs.

A07:2021-Identification and Authentication Failures was previously Broken Authentication and goes down from 2nd position, and now includes CWEs that are more related to identification failures. The increased availability of standardized frameworks seems to be helping.

A08:2021-Software and Data Integrity Failures is a new category for 2021, which focuses on making assumptions related to software updates, critical data without verifying integrity. The Exposures/Common Vulnerability Scoring System (CVE/CVSS) data mapped to the 10 CWEs in this category and it is one of the highest one. This is now a part of this larger category which include Insecure Deserialization from 2017

A09:2021-Security Logging and Monitoring Failures is), moving up to #3 from #10 previously and added as Insufficient Logging & Monitoring and is added from the industry survey. More types of failures are expanded in this category, is challenging to test for, and isn't well represented in the CVE/CVSS data There is direct impact visibility, incident alerting, and forensics in this category.

A10:2021-Server-Side Request Forgery in the Top 10 community survey is added to (#1). Above average testing coverage, along with above-average ratings shows a relatively low incidence rate for Exploit and Impact potential. Even though it's not illustrated in the data at this time This category represents the scenario where the security community members are telling us this is important.

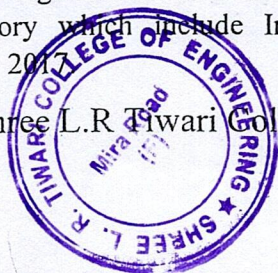
CONCLUSION

We don't live in a perfect world this list is quite long, so let's be honest. You can also look at CWE's list of the top 25 most dangerous software weaknesses to find out what else you should pay attention to (source) should be used as a guide to creating safer software.

A wall for protection is built by Security. Though how big the wall is, there will always be someone who will try to jump over it. Whether you've expensive assets with major corporation, or a restricted security budget ,for small business you cannot be protected from every attack. You can make it harder, or impossible, for the attacker to break in. And you should never give up the fight this is all you can do.

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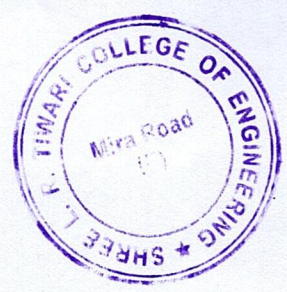
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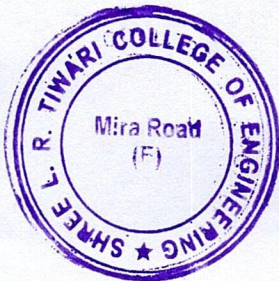
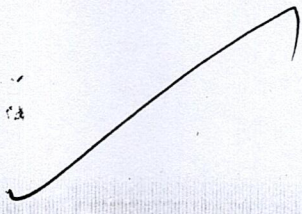
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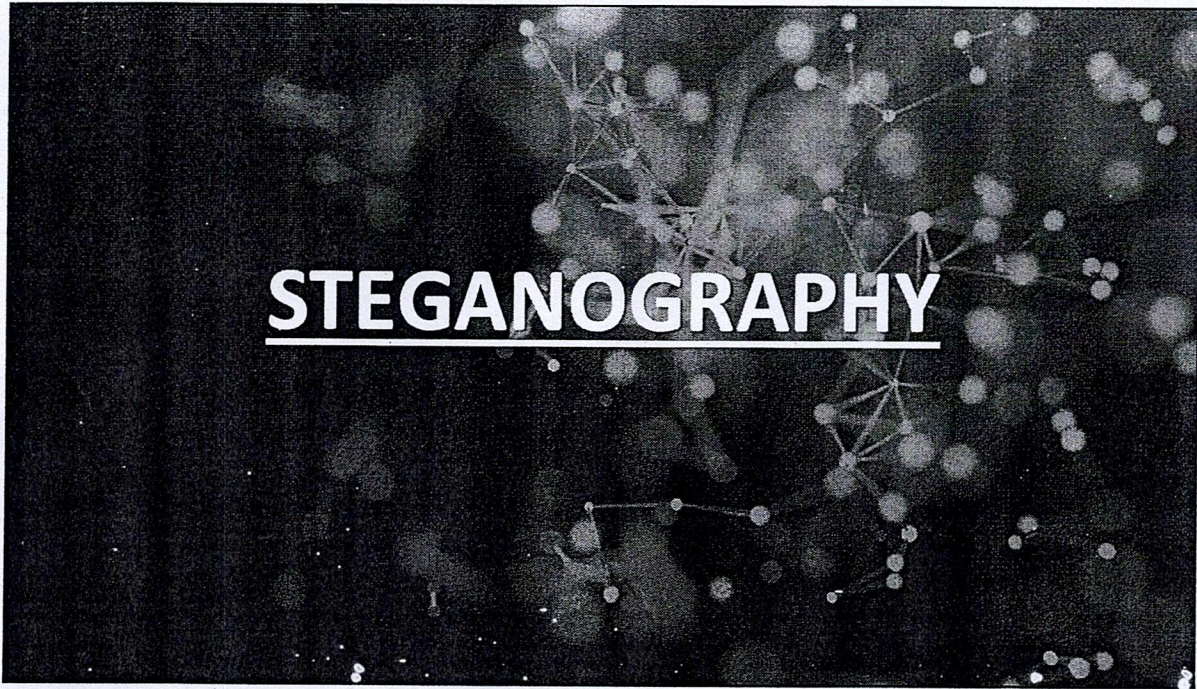
Feedback

unique	Abstract - As the technology is growing day by day and world is undergoing major chan...
unique	along with the development there is a risks of attackers attacking the important or...
unique	keeping up with that security is very difficult as people aren't aware of the vulne...
unique	To make people aware about it OWASP releases top 12 vulnerabilities that had been s...
unique	Which include various vulnerabilities such as broken access Control, Cryptographic...
unique	,SSRF,CSRF The reason for bringing up this topic is because A9 vulnerability is ver...
unique	We will be discussing about how to identify the known vulnerability in a web application
unique	from hacker point of view and how remediation would help the developer to close the ...
unique	Keywords- Vulnerabilities, OWASP TOP 10, XSS, SQL Injection, Insecure Design ,Mis...
unique	,SSRF,CSRF.

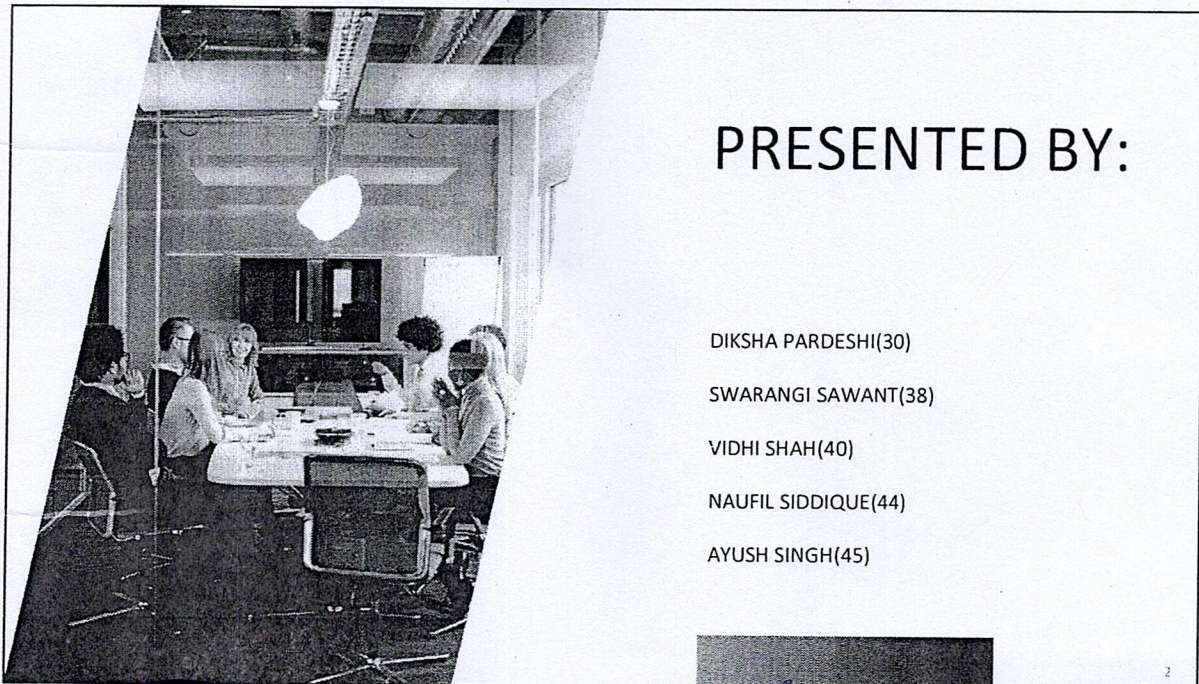
Kanakiya Weerle Danote



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STEGANOGRAPHY



PRESENTED BY:

DIKSHA PARDESHI(30)


SWARANGI SAWANT(38)

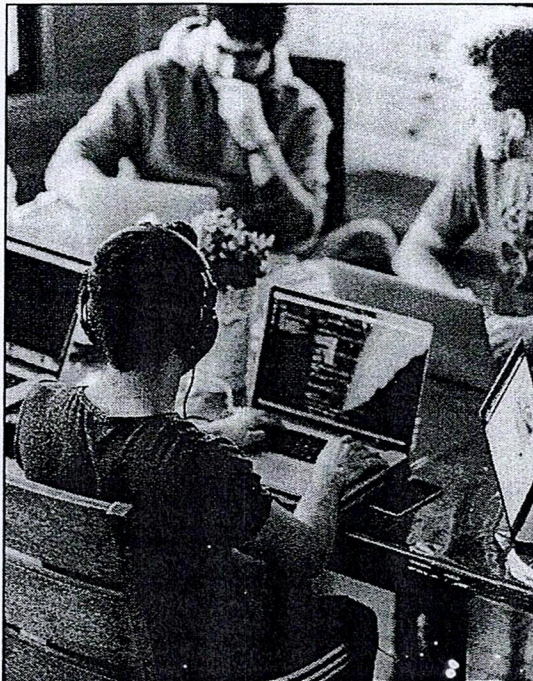
VIDHI SHAH(40)

NAUFIL SIDDIQUE(44)

AYUSH SINGH(45)



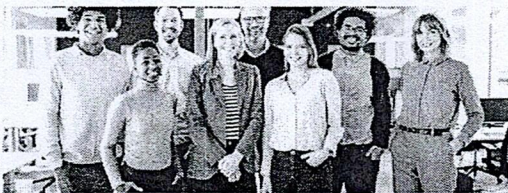

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INTRODUCTION

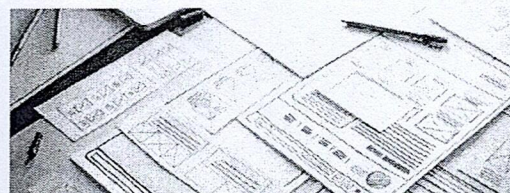
CONCEPT

- The word steganography is derived from the Greek words steganos (meaning hidden or covered) and the Greek root graph (meaning to write).
- Steganography can be defined as the process of hiding a secret small multimedia data inside another but much larger multimedia data such as image, text, file or video.
- Steganography can be used to conceal almost any type of digital content, including text, image, video or audio content; the data to be hidden can be hidden inside



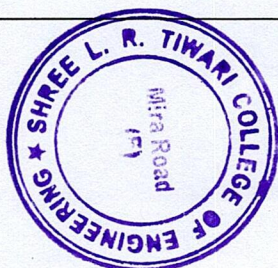
AIMS


- To product protection device primarily based totally on steganography strategies.
- To discover strategies of hiding facts the usage of encryption module of this mission to extract strategies of having mystery facts the usage of decryption module.
- Steganography may be accomplished in principal domains: 1. Spatial area. 2. JPEG Domain.



OBJECTIVES

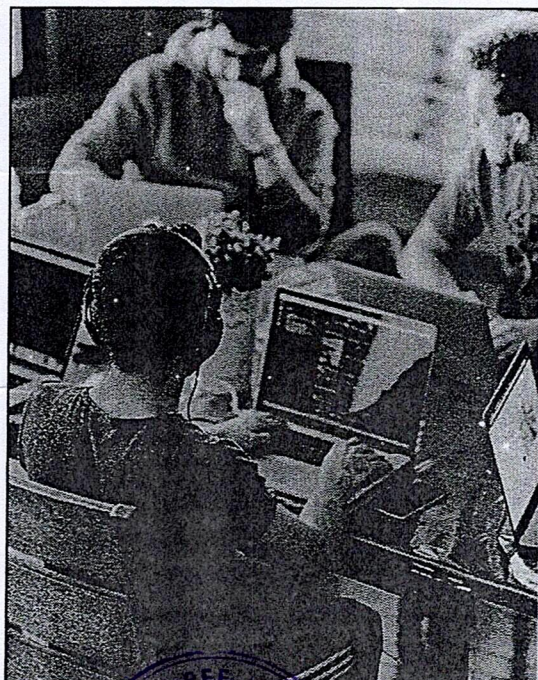
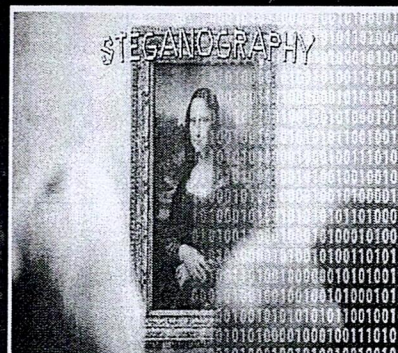
- To benefit essential perception right into a quantitative steganalysis set of rules
- To examine the steganalysis set of rules overall performance via way of means of choosing the correct picture features
- To enforce steganalysis troubles in spatial area steganography algorithms
- To examine steganalysis set of rules in noisy pictures of spatial area steganography algorithms
- To examine the steganalysis set of rules overall performance in uniformly disbursed payloads and non-uniformly disbursed payloads




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LITERATURE REVIEW

- Hide image and text using LSB, DWT, and RSA based on image steganography techniques
- Still imagery steganography
- In digital steganography, images are widely used cover source because there are a huge number of bits present in the digital representation of an image.



SYSTEM ARCHITECTURE

SYSTEM REQUIREMENTS

- Message Requirements
- Container Requirements
- Algorithm Requirements
- Stegocontainer Requirements
- Security Requirements

The representation of this system is

- Encryption Process:
- Decryption Process:
 - Image as carriers:
 - Audio File Carriers:
 - Data Ordering:



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