



JAYPEE UNIVERSITY OF INFORMATION TECHNOLOGY

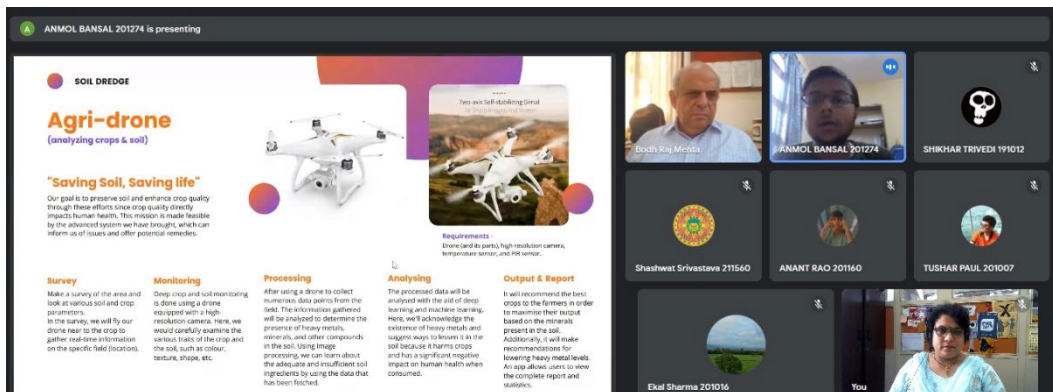
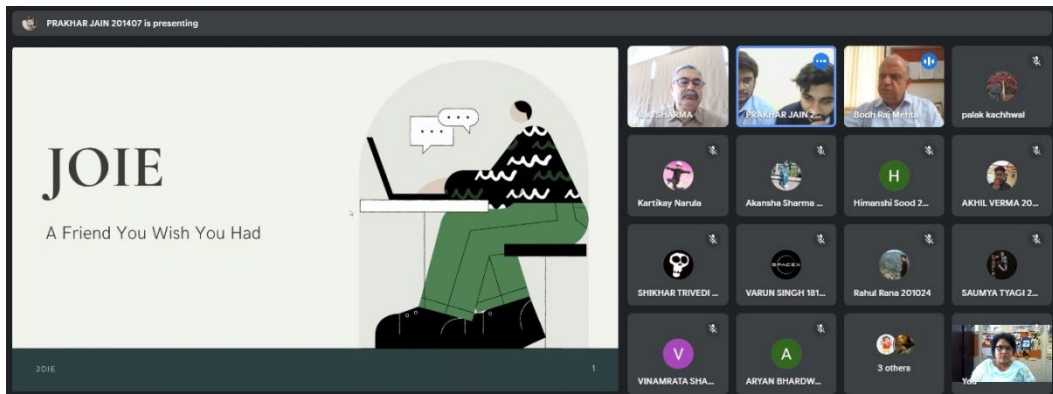
(Established by H.P. State Legislature vide Act No. 14 of 2002)

1 slide presentation (1SP) was organised from Sep 12-13, 2022 at 03:00 PM onwards via google meet. In total 36 entries were received from various departments. Prof. B.R.Mehta Ji, Prof. Rajendra K. Sharma and Prof. Shruti Jain evaluated the ideas.

14 entries presented their ideas. Out of 14 entries, 12 were finalised and 02 were considered after mentoring.

| Projects Under Directorate of Innovation, Research and Development | | | | | |
|---|-----------------|-------------------|---|--|---|
| S.No | Name | Department | Title | Mentors | Remarks |
| 1 | Aman Jain | CSE | Matchmaking.com | | Think of Similar application |
| 2 | Anant Rao | CSE | ZLD Approach | | |
| 3 | Utsav | CSE | Movie Book | Dr. Ekta | Can shift to application which is handy to students |
| 4 | Anuja Purohit | CSE | Soil type and age profiling | Dr. Saurabh Rawat | Take one student from Civil |
| 5 | Manav Modi | ECE | AUTOMATIC INCIDENT DETECTOR (AID) SYSTEM IN CAMERAS | | |
| 6 | Palak Kachhwal | CSE | DOC Easy | | |
| 7 | Samagra Dvivedi | CSE | YODA (An AI Yoga trainer) | Dr. Aman Shrama | |
| | Kartikay Narula | CSE | | | |
| 8 | Archit Kaushal | CSE | JOIE – A friend you wish you had | Dr. Aman Shrama | |
| | Prakhar Jain | CSE | | | |
| 9 | Rahul Rana | ECE | Krisharks smart drone crop sprayer | Dr. Shruti Jain , Dr Pradeep Garg, Dr. Sunil Datt Sharma | |
| | Harshit Singh | | | | |
| | Akhil Verma | | | | |
| | Aryan Bhardwaj | | | | |
| | Himanshi sood | | | | |

| | | | | | |
|----|--|---------------|---|--|-------------------------------------|
| 10 | Tushar Paul | ECE | Soil Dredge, Agri drone | Dr. Shruti Jain , Dr Pradeep Garg | |
| | Ekal Sharma | | | | |
| | Anmol Bansal | CSE | | | |
| 11 | Zeeshan Naseem Mukul Anand Shikhar Trivedi Vaibhav Mishra | ECE | Hydrohive | Dr Pradeep Garg (ECE) Dr. Hemant Sood(BT) | |
| 12 | Vismay Singh Shashwat | CSE& IT | Provide affordable living spaces to youth | Niraj Singh Parihar | |
| 13 | Akansha Sharma Vinamrata Sharma Saumya Tyagi | Biotechnology | Cardiovascular Disease Prediction Method using Machine Learning | Dr Tiratha Raj Singh | to be considered after mentoring |
| 14 | Varun Singh | CSE | Investeezy | Dr. Ruchi Verma | to be considered after mentoring |



Aman Jain is presenting


3:28 PM, May 12, 2020

Presentations

Matchmaking.com

How is it different?

- Focusing on Prime customers, with strict rules and regulations.
- Focusing on all the issues of other websites faced by peoples.



Utsav Jhamb

R.K. SHARMA

ANUJA PURCHIT 211143


Manav Modi 201009

You

ANANT RAO 201160 is presenting

“Industry VS Zero Liquid Discharge”

Innovation Project Idea



By - Anant Rao CS52

Booth Raj Mehta

ANANT RAO 201160

You

ANUJA PURCHIT 211143 is presenting

SOIL TYPE AND AGE PROFILING

- Creates a detailed soil database for the area in concern (physical survey)
- Maps the planting patterns (fertilizer use, crops planted and intensity) to the soil health
- Using an AI model, decisions to improve the soil health, predict and prolong its age are made

ANUJA PURCHIT 211143

R.K. SHARMA

Aman Jain

Utsav Jhamb

You

Akansha Sharma 201906 is presenting

Cardio Vascular Disease Prediction

CVD Features for training and testing

- Bio - medical features
- Lifestyle
- Other diseases

ML/DL Methods

- By using SVM, ANN and others
- Implementing Deep learning

Output :- Web Application and Mobile Application

Akansha Sharma 201906

Booth Raj Mehta

R.K. SHARMA

palak kachhwal

Kartikay Narula

Samagra Divvedi

Shashwat Srivastava 211560

SHIKHAR TRIVEDI 191012

ANMOL BANSAL 201274

You

palak kachwal is presenting

The slide features a central illustration of a doctor with a stethoscope and a small robot. Below the illustration, the text reads "DOC EASY" in a large, bold font, with the tagline "making cure simple" underneath. At the bottom of the slide, there is a placeholder for "Your Name".

Participants in the meeting include: Both Raj Mehta, palak kachwal, Samagra Divedi, PRAKHAR JAIN 201407, VARUN SINGH 181353, Kartikey Narula, SHIKHAR TRIVEDI 191012, and You.

Screenshot of a presentation slide from Jaypee University of Information Technology, Warkhaghat, Solan, Himachal Pradesh. The slide is for a project titled "DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING IOT ENABLED DRONE CROP SPRAYER (KRISHARK)".

Submitted by: HARSHIT SINGH(201202), AKHIL VERMA(201205), HIMANSHI SOOD(201204), RAHUL BANAJI(201201), ARYAN BHARDWAJ(201181).

Supervised by: PROF. DR. J. SHRUTI JAIN, DR. PRADEEP GARG, DR. SUNIL DUTT SHARMA.

Participants in the meeting include: Both Raj Mehta, R.K. SHARMA, palak kachwal, Kartikey Narula, Akansha Sharma..., Samagra Divedi, AKHIL VERMA 20..., Himanshi Sood 2..., SHIKHAR TRIVEDI..., VINAMRATA SHA..., ARYAN BHARDWA..., and ANMOL BANSAL 201274.

Samagra Divedi is presenting

The slide is titled "Expansion of the art of yoga worldwide" and features the "YODA" logo. It includes several sections:

- OBJECTIVE:** Identify and cure physical and chronic diseases; Artificial yoga Trainer with pose correction, exercise and diet planner.
- MARKET SIZE:** A bar chart showing the percentage of the population with chronic diseases from 2010 to 2020.
- TECHNOLOGY USED:** Python, AI, ML, DL, DS, Web Development, React, Android Development, Flutter.
- Other text:** "Worldwide Share of Deaths by Cause" with a bar chart, and "Your personal yoga trainer".

Participants in the meeting include: Samagra Divedi, Both Raj Mehta, palak kachwal, Kartikey Narula, Shashwat Srivastava 211560, SHIKHAR TRIVEDI 191012, TUSHAR PAUL 201007, Ekal Sharma 201016, Rahul Rane 201024, and ANMOL BANSAL 201274.

Shashwat Srivastava 211560 is presenting

The slide is titled "Providing Affordable Living Spaces To The Youth" and features images of container homes. The text describes these as "Container Homes that are cheaper to buy and are transportable. Takes lesser time for construction and are cheaper to build. Environment-friendly homes. Can be build anywhere where construction is difficult."

Participants in the meeting include: Both Raj Mehta, Shashwat Srivastava 211560, ANMOL BANSAL 201274, TUSHAR PAUL 201007, ANANT RAO 201160, and You.

SHIKHAR TRIVEDI 191012 is presenting

Hydrohive
Grow more with less.

Shashwat Srivastava 211560
Boohi Bhatta
TUSHAR PAUL 201007
SHIKHAR TRIVEDI 191012
ANMOL BANSAL 201274
You

Manav Modi 201009 is presenting

THIRD EYE

Utsav Jhamb
You

Utsav Jhamb is presenting

OREXI: MOVIE BOOK

- In movie streaming room people can connect with other people and then they will interact. All people will show in their profile that they are watching the movie today.
- In Book Section, borrow and selling options are available along with Showcasing one's reading collection.
- Coming to music user can link their profile with Spotify and then they can showcase their favorite music or cool playlists through this.

Utsav Jhamb
ANUJA PUROHIT 211943
Aman Jain
PRADYUMN VASHISHT 211127
You

VARUN SINGH 181353 is presenting

INVESTEZY

Value Proposition
By collecting tiny quantities offer each transaction to demonstrate a very big compounding effect on invested amounts in the future. We provide consumers financial security. As liquidity as a whole becomes more abundant and of use with Investzy.

Customer Segment
We primarily target consumers who are less knowledgeable about stocks and finance and who are able to invest significant quantities of money in the market but who are unable to invest their money. They are someone who often does business using online payment methods and are targeted by us.

Business Description
This is a micro investment app where the main emphasis is on small and size investments using your daily cash. We adhere to the investing process by rounding up your cash or making a particular deduction after each spend and spending whenever the threshold is achieved. For eligible individuals, we provide a variety of investment portfolio as they may create their own, while for others, we have pre-made portfolio they can invest in.

Revenue Generation
Only when a user receives a return of more than 10% do we impose a fee of between 2 and 4% depending on the transactions.
We get paid by advertisement for business like Google, Amazon, etc.
Promoting online transactions through the integration of payment gateway.

Opportunity for Growth
We can see great potential for development in terms of encouraging citizens to make investments and making an allied partnership with investment companies like Crow and Small Case to build investment portfolios.

Customer Engagement
This can be accomplished by offering stock coupons and cash bonds in exchange for offering our app, as well as reward engagement campaigns that we offer to keep users engaged.

PRESENTED BY: VARUN SINGH

VARUN SINGH 181353
Boohi Raj Mehra
FRAKHAR JAIN 2...
R.K. SHARMA
palak kachwal
Kartikay Narula
Samagra Divvedi
Akansha Sharma...
Rahul Rana 201024
AKHIL VERMA 201...
SHIKHAR TRIVEDI...
Himanshi Sood 2...
VINAMRATA SHA...
ARYAN BHARDW...
ANMOL BANSAL...
You