

**Report**  
**on**  
**Idea Pitching Competition**  
**Date: 12<sup>th</sup> Dec 2020**

**Number of student (teams) participated: 68**

**Expert Panel:**

**Mr. SriCharan Lakkaraju. Entrepreneur, 2018 - 30Forbes under 30 listed.**

**Mr. Dr. Rohin Kumar Yeluripati Entrepreneur/Startup**

**Mr. Chitti BadriNath, Expert identified by JHub JNTUH.**

**All the ideas selected were submitted to AICTE-Chhatra Vishwakarma Awards competition.**

Some of the pictures:



**PRINCIPAL**  
Sasthanjali College of Engg. Techn.  
Cheerla (V), Keesara (M), R.K. Dist. (A.P.) - 501 301






Titles of the winning teams are not being listed here purposefully as patenting of the ideas (supported by the Institute) is being considered for the ideas.

	Name	Roll No.	Branch	Year	Other Remarks
	O. SaiVarun	19R11A0329	ME	1 <sup>st</sup>	
	Ch. Srinivas	19R11A0307	ME	1 <sup>st</sup>	
	Sree Harsha	19R11A04 ??	ECE	1 <sup>st</sup>	
Vrikorder.com	V Aravind	18R11A03B0	ME	3 <sup>rd</sup>	
	R Narendra	18R11A03A2	ME	3 <sup>rd</sup>	
	These teams did not submit form – “Suggestions given by the jury” which includes the team details as well.				
					Further Research is needed – Sideeffects of TiO <sub>2</sub>

The following are the winning teams

  
**PRINCIPAL**  
 Geethanjali College of Engg. Tech  
 Cheeryal (V), Keasara (M), K.L. Dist. (A.P.) - 501304

10/12/2020


To  
The Principal,  
Geethanjali college of Engineering and Technology,  
Cheeryal, Hyderabad

Subject: Request for approval of budget for conducting ideation session.

Incubation center of GCET is planning to organize an ideation session on 12<sup>th</sup> Dec 2020 as per the internal circular dated 30<sup>th</sup> Oct 2020. The following is the budgetary requirements.

S. No.	Description	Cost (INR)
1.	Transportation	2,100
2.	Lunch/Food 5-6 people	600
3.	Stationery	500
4.	Honorarium = 4000*3	12,000
	Total	15,200

It is kindly requested to approve the same.


  
Thanking You  
Anil Kumar Puppala

In charge Incubation Center  
GCET

*Submitted to Secretary  
for approval*

*Sub  
9/10/12/20*

*Secretary*

  
PRINCIPAL  
Geethanjali College of Engg. Tech  
Cheeryal (V), Keesara (M), R.R. Dist. (A.P.) - 501



Team Number/Name: 15.

S.No	Name	Roll No	Branch & Year	Contact	Email Id.
1	C. Sridhar Reddy	17RI1A0205	EEE-4 <sup>th</sup>	9172262114	chsridharreddy16@gmail.com
2	V. Sanjay	17RI1A0251	EEE-4 <sup>th</sup>	7981745939	V.Sanjay2000@gmail.com
3	P. Sri bhargav	17RI1A0248	EEE-4 <sup>th</sup>	9553685251	bhargav.junnu@gmail.com
4	Varun Masimganti	17RI1A0231	EEE-4 <sup>th</sup>	8121542945	varun.masimganti@gmail.com
5	A. Venkat Kaushik	17RI1A0201	EEE-4 <sup>th</sup>	9908943816	VenkatKaushik4816@gmail.com
6	C. Yogesh Ram	17RI1A0206	EEE-4 <sup>th</sup>	8978962988	C.yogeshram@gmail.com

Title - Idea :-

Hand Gesture Controlled Wheel Chair.

Utility of the Idea :-

Technical Feasibility :-

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 Cheeryal (V), Keesara (M), R.N. Dist. (A.P.)

# Geethanjali College of Engineering and Technology

CHEERYAL (V), KEESARA (M), Medchal, District-501301, Telangana

IDEATHON

Team Number	Title	Novelty	Tech Feasibility	Marketing feasibility	Financial Viability	Scalability	social cost benefit analysis	Potential for future additions/progressions	Total	Feedback / Remarks
		(20Marks)	(10Marks)	(10Marks)	(10Marks)	(20Marks)	(20Marks)	(10Marks)	(100 M)	
1.	Mental health app	10	5	2	3	10	12	8	50	
2.	Public transport Disinfection	8	6	5	4	10	12	7	52	No proper pptx
3.	Personal Health information	8	3	3	2	8	10	3	37	PPTs are not clear.
4.	Sweet App (101)	5	2	2	3	6	10	2	30	No clarity
5.	Cough Sensing Automatic Sanitiser	15	8	6	8	15	15	8	75	Wonderful idea
6.	Vnkorder.	10	7	6	7	10	12	7	59	

Dr. B. V. Swathi  
Name of the Jury Member

*ASWathi*  
Signature

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# Geethanjali College of Engineering and Technology

CHEERYAL (V), KEESARA (M), Medchal, District-501301, Telangana

## IDEATHON

Team Number	Title	Novelty	Tech Feasibility	Marketing feasibility	Financial Viability	Scalability	social cost benefit analysis	Potential for future additions/progressions	Total	Feedback/Remarks
		(20Marks)	(10Marks)	(10Marks)	(10Marks)	(20Marks)	(20Marks)	(10Marks)	(100 M)	
1	Handmade paper	8	10	10	8	8	10	10	74	1. Good project 2. Good presentation 3. Good idea 4. Good execution
2	Handmade paper	8	10	10	8	8	10	10	74	1. Good project 2. Good presentation 3. Good idea 4. Good execution
3	Handmade paper	8	10	10	8	8	10	10	74	1. Good project 2. Good presentation 3. Good idea 4. Good execution
4	Handmade paper	8	10	10	8	8	10	10	74	1. Good project 2. Good presentation 3. Good idea 4. Good execution
5	Handmade paper	8	10	10	8	8	10	10	74	1. Good project 2. Good presentation 3. Good idea 4. Good execution

  
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Signature

Name of the Jury Member

D. SIVAKRISHNA

# Geethanjali College of Engineering and Technology

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## IDEATHON

Team Number	Title	Novelty	Tech Feasibility	Marketing feasibility	Financial Viability	Scalability	social cost benefit analysis	Potential for future additions/progressions	Total	Feedback/Remarks
		(20Marks)	(10Marks)	(10Marks)	(10Marks)	(20Marks)	(20Marks)	(10Marks)	(100 M)	
<p style="text-align: center;">PRINCIPAL</p> <p style="text-align: center;">Geethanjali College of Engg. Tech.</p> <p style="text-align: center;">Cheeryal (V), Keesara (M), R.R. Dist. (A.P) - 501 301</p>										

Name of the Jury Member

Signature

Dr. N. N. K. K. K.



P. Prasad, Principal

11-11-2019

Dr. V. Venkatesh

Principal

11-11-2019

Dr. V. Venkatesh

**PRINCIPAL**  
Gaethanjali College of Engg. Tech.  
Cherryal (V), Keerati (M), K.R. Dist. (A.P)-501302


11-11-2019

# Geethanjali College of Engineering and Technology

CHEERYAL (V), KEESARA (M), Medchal, District-501301, Telangana

## IDEATHON

Team Number	Title	Novelty (20Marks)	Tech Feasibility (10Marks)	Marketing feasibility (10Marks)	Financial Viability (10Marks)	Scalability (20Marks)	social cost benefit analysis (20Marks)	Potential for future progressions (10Marks)	Total (100 M)	Feedback/Remarks
15	Water Purification System	10	10	10	10	20	20	10	100	15. VIT Doctor
13	Water Purification System	10	10	10	10	20	20	10	100	13. Ravi Kumar VITS
10	Water Purification System	10	10	10	10	20	20	10	100	10. VIT Doctor
12	Water Purification System	10	10	10	10	20	20	10	100	12. VIT Doctor

  
**PRINCIPAL**  
 Geethanjali College of Engg. Tech.  
 Cheeryal (V), Keesara (M), R.R. Dist. (A.P.I - 501301)

Name of the Jury Member

Signature



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Geethanjali College of Engg. Techn.  
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501 301  
Keesara (M)  
A.R. Dist. (A.P.)

# Geethanjali College of Engineering and Technology

CHEERYAL (V), KEESARA (M), Medchal, District-501301, Telangana

## IDEATHON

Team Number	Title	Novelty	Tech	Marketing	Financial	Scalability	social cost benefit analysis	Potential for future additions/progressions	Total	Feedback / Remarks
		(20Marks)	(10Marks)	(10Marks)	(10Marks)	(20Marks)	(20Marks)	(10Marks)		
6	WIKIDIA	17	8	8	7	18	17	9	84	Need to work on marketing model.
7	Flower Knitting machine	17	9	8	8	18	18	9	87	Idea developer
8	Organic cultivation without soil	8	4	2	2	6	8	4	34	Nothing innovative [can find huge profits]
9	AI-Doctor	15	15	8	4	12	10	6	70	huge profits
10	GILUCK	12	4	4	4	10	14	7	55	Link to first person
11	Doctor or medical Staff recognition app	10	2	2	2	2	5	2	25	No novelty
12	mobile App SSCM	12	7	7	7	15	12	7	67	too much complicated
13	Drubusiness detector	15	5	6	5	10	8	5	54	Existing ideas

Relates to first team

Name of the Jury Member

Dr. Harsha Praneeth

Signature





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Team Number	Title	Novelty	Tech Feasibility	Marketing feasibility	Financial Viability	Scalability	social cost benefit analysis	Potential for future additions/progressions	Total	Feedback/Remarks
		(20Marks)	(10Marks)	(10Marks)	(10Marks)	(20Marks)	(20Marks)	(10Marks)	(100 M)	
10.	Gluck. (Covid virtual friend)	5	7	6	-	-	-	-	-	Gluck - nice name. So good branding is good.
11.	Doctor or Medical drug recommendation app	-	-	-	-	-	-	-	-	Connect with AI-Doctor - team 9.
12.	Mobile POS system SEM Small for the small	12	6	2	3	10	10	2	45	<del>Gluck</del>
13.	Promisem detection	2	6 (the way they prepared)	-	-	-	-	-	-	
14.	Smart headphones for delivery personnel to avoid accidents.	4	6	2	3	2	5	-	22	

Name of the Jury Member

Rohan Y

Signature

*Rohan Y*

PTO

Condone  
2/2/21

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IDEATHON

Team Number	Title	Novelty	Tech Feasibility	Marketing feasibility	Financial Viability	Scalability	social cost benefit analysis	Potential for future additions/progressions	Total (100 M)	Feedback / Remarks
		(20Marks)	(10Marks)	(10Marks)	(10Marks)	(20Marks)	(20Marks)	(10Marks)		
1	App Mental Health Support College collaboration									
2	Best Public Transport Disinfection T102 (mood)	✓	✓	✓	✓	✓	✓	✓		
3	Personal Health (App) Info (PHI)	?	✓	✓	✓	✓	✓	✓		
*4	Smart App using QR	✓	✓	✓	✓	✓	✓	✓		
5	Vikondam.com	-	-	-	-	-	-	-		
6	Flour-knitting Machine	✓	✓	✓	✓	✓	✓	✓		

T Hubs - Innovate  
N O n i f i c a n t  
F e a t h r e a r e  
B h a r a t A p p  
S h a k t i m e n

Name of the Jury Member

1. How can you get semester your competitor - ?
2. How will you use Apps

Signature

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Funding  
2/2

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Team Number	Title	Novelty (20Marks)	Tech Feasibility (10Marks)	Marketing feasibility (10Marks)	Financial Viability (10Marks)	Scalability (20Marks)	social cost benefit analysis (20Marks)	Potential for future additions/progressions (10Marks)	Total (100 M)	Feedback/Remarks
14.	Smart headlamps for delivery person to avoid accidents from oncoming traffic	12	6	5	5	10	10	5	53	Too complicated
15.	Charger Potted development	10	5	5	5	10	10	5	50	existing model
16.	Justure Controlled Wheel chair	16	5	5	5	14	16	6	74	Need to work on the model
17.	Fitc Rhythmic	15	6	6	5	10	12	5	59	Need to develop the model
18.	women Safety by									

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Name of the Jury Member

Signature



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## Suggestions/Remarks given by the Jury

Date: 12/12/20

(14) (13)

Team Number/Name: Smart Headphones for delivery personnel to avoid accidents.

S.No	Name	Roll Number	Branch and Year	Contact	Email id
1.	L. Akhila	18R11A0232	EEE - III	8074984870	lagudualchila@gmail.com
2.	S. Paramesh	18R11A0248	EEE - III	6305151586 6302505306	parameshyadav1636@gmail.com
3.	K. Madhukailash	18R11A0231	EEE - III	9177311285	

Title - idea Smart Headphones for delivery personnel to avoid accidents.

### Novelty of the idea:

(Patent/market/Literature search)

Cannot be legalised.

### Technical Feasibility:

Use of a mobile app is suggested instead of embedding sensors into head phones.

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# Geethanjali College of Engineering and Technology

CHEERYAL (V), KEESARA (M), MedchalDIST-501301, Telangana

Suggestions/Remarks given by the Jury

Date: 12/12/202

③

Team Number/Name:

S.No	Name	Roll Number	Branch and Year	Contact	Email id
1	G. AKHILA	18R11A0483	ECE-3B	93909-13012	gaddarnaakhila2001@gmail.com
2	Pavan Vaswani	18R11A0483	ECE-3B	70132-21467	pavan.vaswani0@gmail.com
3	S. Ramya	18R11A0488	ECE-3B	9010647692	ramya.samala555@gmail.com
4	S. Abhishek	18R11A0489	ECE-3B	6304782071	18R11A0489@gmail.com

Title - idea

Smart Agriculture using IoT.

Novelty of the idea:

(Patent/market/Literature search

Implementation of IoT technology in agriculture sector.

Technical Feasibility:

A prototype model can be developed & will be implemented successfully.

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# Geethanjali College of Engineering and Technology

CHEERYAL (V), KEESARA (M), MedchalDIST-501301, Telangana

Suggestions/Remarks given by the Jury

Date: 12/12/20

8

Team Number/Name:

S.No	Name	Roll Number	Branch and Year	Contact	Email id
1.	K. Snehaltha	18R11A0517	BCSE - III	8341633311	kolasnehitha484@gmail.com
2.	B. Abhishek	18R11A0554	CSE - III	9704513447	abhishekbhemisetty@gmail.com
3.	P. Sumanth	18R11A05D1	CSE - III	9553224619	sumanthpola959@gmail.com
4.	D. Sweekuthi	18R11A0561	CSE - III	8309113792	sweekuthi.0102@gmail.com

Title - idea

AI doctor

Novelty of the idea:

(Patent/market/Literature search)

Easy to use. end-to-end encryptions to chat

Technical Feasibility:

Requires a large scale database

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## Suggestions/Remarks given by the Jury

Date: 12/12/202

10

Team Number/Name:

S.No	Name	Roll Number	Branch and Year	Contact	Email id
1	T. Vishnu Vardhan Reddy	18R11A0592	CSE - 3 <sup>rd</sup>	6301625790	vishnuvardhanreddy24112000@gmail.com
2	A. Harish Kumar Gupta	18R11A0364	MECH - 3 <sup>rd</sup>	9059025435	harishanchuri44@gmail.com
3	P. Haneesh Reddy	18R11A05P8	CSE - 3 <sup>rd</sup>	8790497716	haneeshreddy02@gmail.com
4	V. Ravi Kiran Reddy	18R11A03B4	MECH - 3 <sup>rd</sup>	7995548375	ravikiranreddysrs@gmail.com

Title - idea

Doctor or medical shop recommendation APP

Novelty of the idea:

(Patent/market/Literature search)

Technical Feasibility:

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CHEERYAL (V), KEESARA (M), MedchalDIST-501301, Telangana

## Suggestions/Remarks given by the Jury

Date: 12/12/2021

11

Team Number/Name:

S.No	Name	Roll Number	Branch and Year	Contact	Email id
①	K. Sanketh	17R11A0162	C.E	9328453265	Kodukuntla.sankethraj56@gmail.com
②	T. Vishnuvardhan	18R11A0592	C.SE	6301625790	vishnuvardhan.reddy24112000@gmail.com
③	R.S David	17R11A0138	C.E	8341518608	R.S.David@gmail.com

Title - idea

mobile point on sale system & supply chain management system. (mobile pos & scm system)

Novelty of the idea:

(Patent/market/Literature search)

Technical Feasibility:

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# Geethanjali College of Engineering and Technology

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Suggestions/Remarks given by the Jury

Date: 12/12/2021

~~12~~ (12)

Team Number/Name:

S.No	Name	Roll Number	Branch and Year	Contact	Email id
1.	K. Silatha	18R11A05A9	CSE - III <sup>rd</sup>	8341149392	kakalasilatha73@gmail
2.	Ashok	18R11A05B7	CSE - IV <sup>th</sup>	9000775850	ashokgajapathi.raj@gmail.com
3.	Hari Ramakrishna	18R11A05B9	CSE - II <sup>nd</sup>	7013447604	harirama@gmail.com
4.	P. Bhumiika	18R11A05C3	CSE - III <sup>rd</sup>	9704120019	bhumiikaburru@gmail.com
5.	P. Nikhila	18R11A05C6	CSE - IV <sup>th</sup>	7729932727	nikhilapalkampally05@gmail.com
6.	M. Karunasri	18R11A05C2	CSE - III <sup>rd</sup>	9704333335	mettukarunasri@gmail.com

Title - idea

AI/ML and IOT Application for Drowsiness Detection And Alert System.

Novelty of the idea:

(Patent/market/Literature search)

Technical Feasibility:

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Suggestions/Remarks given by the Jury

Date: 12/12/20

(14)

Team Number/Name: G. V. Charan kalyan.

S.No	Name	Roll Number	Branch and Year	Contact	Email id
01	G.V. Charan kalyan	18R11AD0466	ECE - 3B	7989988719	charankalyan2008@gmail.com
02	G. Karthi Manikanta	18R11AD0465	ECE - 3B	8008149705	manikarth023@gmail.com
03	DSS. Pavan kumar	18R11AD0460	ECE - 3B	8555844950	pavan.kumar15bhs@gmail.com
04	J. Bharadwaj sharma	18R11AD0468	ECE - 3B	7998545834	

Title - idea e-Farmer Portal Development

**Novelty of the idea:**

(Patent/market/Literature search)

Grives farmers detailed information of their farmlands and suggest what crops to grow and also teach them ways to harvest and store their produce. Also, create a portal where farmers can directly interact with end consumers.

**Technical Feasibility:**

Since, every person (almost) has a smartphone with internet connection, this would facilitate an easy way of farming.

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# Geethanjali College of Engineering and Technology

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Suggestions/Remarks given by the Jury

Date: 12/12/202

Team Number/Name:

S.No	Name	Roll Number	Branch and Year	Contact	Email id
1	TAHA RAHEEL	19R11A04C7	ECE - 2 <sup>nd</sup>	9398293715	tahasheema786@gmail.com
2	P. SHASHI VIGNESH	19R11A0401	ECE - 2 <sup>nd</sup>	9390432257	paritalashashi210@gmail.com
3	T. HARSHA SAI TARANG	19R11A04E0	ECE - 2 <sup>nd</sup>	7396202696	teegala.harshasaitarang@gmail.com
4	Y. SANDHYA	19R11A04E4	ECE - 2 <sup>nd</sup>	6300324901	

Title - idea

PERSONAL HEALTH INFORMATION APP (PHI)

Novelty of the idea:

(Patent/market/Literature search)

The Personal Health Information Stores the medical data of the person in an organised manner.

Technical Feasibility:

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Time	Temperature	Humidity	Wind Speed	Wind Direction	Clouds	Pressure	Visibility
10:00	18.0	75	1.5	SE	10%	1015	10 km
11:00	18.5	75	1.5	SE	10%	1015	10 km
12:00	19.0	75	1.5	SE	10%	1015	10 km
13:00	19.5	75	1.5	SE	10%	1015	10 km
14:00	20.0	75	1.5	SE	10%	1015	10 km
15:00	20.5	75	1.5	SE	10%	1015	10 km
16:00	21.0	75	1.5	SE	10%	1015	10 km
17:00	21.5	75	1.5	SE	10%	1015	10 km
18:00	22.0	75	1.5	SE	10%	1015	10 km
19:00	22.5	75	1.5	SE	10%	1015	10 km
20:00	23.0	75	1.5	SE	10%	1015	10 km
21:00	23.5	75	1.5	SE	10%	1015	10 km
22:00	24.0	75	1.5	SE	10%	1015	10 km
23:00	24.5	75	1.5	SE	10%	1015	10 km

Temperature

Humidity

Wind Speed

Wind Direction

Clouds

Pressure

Visibility

360  
300  
240  
180  
120  
60  
0







1. *Agave americana* L. 4  
 2. *Agave americana* L. 4  
 3. *Agave americana* L. 4  
 4. *Agave americana* L. 4  
 5. *Agave americana* L. 4  
 6. *Agave americana* L. 4  
 7. *Agave americana* L. 4  
 8. *Agave americana* L. 4  
 9. *Agave americana* L. 4  
 10. *Agave americana* L. 4

1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

1. *Agave americana* L. 4  
 2. *Agave americana* L. 4  
 3. *Agave americana* L. 4  
 4. *Agave americana* L. 4  
 5. *Agave americana* L. 4  
 6. *Agave americana* L. 4  
 7. *Agave americana* L. 4  
 8. *Agave americana* L. 4  
 9. *Agave americana* L. 4  
 10. *Agave americana* L. 4



10 20 30 40 50 60 70 80 90 100

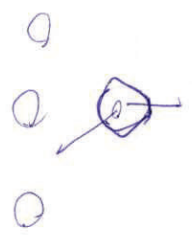
10	20	30	40	50	60	70	80	90	100
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10
1	2	3	4	5	6	7	8	9	10

10 20 30 40 50 60 70 80 90 100

10 20 30 40 50 60 70 80 90 100

10 20 30 40 50 60 70 80 90 100

250 nm



1. The purpose of this experiment is to determine the wavelength of light that produces a first-order maximum in a diffraction grating.

2. The diffraction grating is a series of parallel slits that are spaced at regular intervals. When light passes through the slits, it is diffracted in various directions.

3. The angle of diffraction is the angle between the incident light and the diffracted light. The order of the maximum is the number of wavelengths that fit between the slits.

4. The distance between the slits is known as the grating constant,  $d$ . The wavelength of the light is  $\lambda$ . The angle of diffraction is  $\theta$ .

5. The equation for the diffraction grating is  $d \sin \theta = m \lambda$ , where  $m$  is the order of the maximum.

6. In this experiment, we will use a first-order maximum ( $m = 1$ ) to determine the wavelength of the light.

7. The experimental setup consists of a light source, a diffraction grating, and a screen. The light source is a monochromatic light source with a wavelength of 250 nm.

8. The diffraction grating is placed at a distance of 1.0 m from the screen. The angle of diffraction is measured by the distance between the central maximum and the first-order maximum on the screen.

9. The distance between the central maximum and the first-order maximum is 0.15 m. The distance from the central maximum to the screen is 1.0 m.

10. The angle of diffraction is  $\theta = \arctan \left( \frac{0.15}{1.0} \right) = 8.53^\circ$ .

11. The wavelength of the light is  $\lambda = d \sin \theta = (1.0 \text{ m}) \sin (8.53^\circ) = 0.147 \text{ m} = 147 \text{ nm}$ .

12. The experimental wavelength is 147 nm, which is close to the theoretical wavelength of 250 nm.

13. The error in the experiment is  $\frac{250 \text{ nm} - 147 \text{ nm}}{250 \text{ nm}} = 41\%$ .

14. The error is due to the uncertainty in the distance between the slits and the angle of diffraction.

15. The uncertainty in the distance between the slits is  $\pm 0.01 \text{ m}$ . The uncertainty in the angle of diffraction is  $\pm 0.1^\circ$ .

16. The uncertainty in the wavelength is  $\pm 10 \text{ nm}$ .

17. The experimental wavelength is  $147 \pm 10 \text{ nm}$ .

18. The theoretical wavelength is 250 nm.

19. The experimental wavelength is within the uncertainty of the theoretical wavelength.

20. The experiment was successful in determining the wavelength of the light.

# Geethanjali College of Engineering and Technology

CHEERYAL (V), KEESARA (M), MedchalDIST-501301, Telangana

Team Number	Title	Novelty	Tech Feasibility	Marketing feasibility	Financial Viability	Scalability	social cost benefit analysis	Potential for future additions/progressions	Total	Feedback/Remarks
		(20Marks)	(10Marks)	(10Marks)	(10Marks)	(20Marks)	(20Marks)	(10Marks)	(100 M)	
6	Identification of plants using their leaves.	15	6	7	8	15	15	7	73	
7	Human hand Gestures based and voice controlled video player	16	5	5	8	15	12	6	67	It should show take notice i.e bank ground
8)	IOT based Garbage collector	12	8	6	8	13	18	7	78	It should show all the Garbages status
9	organic cultivation without soil	16	6	7	8	14	14	7	72	cost may be more when compared with normal cultivation

Name of the Jury Member

Dr. K. Srinivasa

Signature






# Geethanjali College of Engineering and Technology

CHEERYAL (V), KEESARA (M), MedchalDIST-501301, Telangana

Team Number	Title	Novelty	Tech Feasibility	Marketing feasibility	Financial Viability	Scalability	social cost benefit analysis	Potential for future additions/progressions	Total	Feedback/Remarks
		(20Marks)	(10Marks)	(10Marks)	(10Marks)	(20Marks)	(20Marks)	(10Marks)	(100 M)	
10	Flower <del>resisting</del> knitting machine	18	8	7	9	14	15	7	78	As the flowers are delicate, holding of it is to be also considered.

  
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Name of the Jury Member

Dr. K. Srinivas

Signature



# Geethanjali College of Engineering and Technology

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IDEATHON

Team Number	Title	Novelty	Tech	Marketing	Financial	Scalability	social cost	Potential	Total	Feedback
		(20Marks)	Feasibility (10Marks)	feasibility (10Marks)	Viability (10Marks)	(20Marks)	benefit analysis (20Marks)	for future additions/progressions (10Marks)		
1	Communicative System for hearing & speech impaired people	16	15 9.5	15 9.5	7	15	15	7		Good prototype plugin all the suggestions scalability Two way Group usage wireless / bluetooth / fransom

Name of the Jury Member

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CHEERVAL (V), KEESARA (M), MedchalDIST-501301, Telangana

Team Number	Title	Novelty	Tech Feasibility	Marketing feasibility	Financial Viability	Scalability	social cost benefit analysis	Potential for future additions/progressions	Total	Feedback/Remarks
		(20Marks)	(10Marks)	(10Marks)	(10Marks)	(20Marks)	(20Marks)	(10Marks)	(100 M)	
2	Aditi & Kishore <u>Know your Crop. MAPP</u>	12	7	5	5	5	10	5		lot of home work is all the criteria to be done more two roughly

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## Marketing Feasibility:

As the fake news is spreading rapidly, many of them are introducing certain kind of softwares to detect them and control them. So, our project will have demand in the market.

## Financial Viability:

Free of cost as all the softwares are freely available.

## Project scalability:

It can be upgraded to an web application and also for App.

## social cost benefit analysis:

It is benefited to all users who uses the social media for updates.

## Other Remarks:

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Name of the Mentor/Team Lead: V. Aishwan

Signature: V. Aishwan

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## Marketing Feasibility:

Through playstore it will be available in the market.

## Financial Viability:

It is cost effective.

Developed using free softwares and open libraries.

## Project scalability:

Done with Back-end procedure. Can be modified into a mobile application.


## social cost benefit analysis:

Installation can be done ~~over~~ from playstore.

**Other Remarks:** Our project is ready only with initial level where emotion is recognised on CPU. Now the upgradation is to make it a interactive system feasible on mobile device too. Which would suggest playlist and quotes according to mood (emotion) detected by recognition.

ShivNarayan sir  
Name of the Mentor/Team Lead:

Signature

  
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# Geethanjali College of Engineering and Technology

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## IDEATHON

Team Number	Title	Novelty	Tech Feasibility	Marketing feasibility	Financial Viability	Scalability	social cost benefit analysis	Potential for future additions/progressions	Total	Feedback
		(20Marks)	(10Marks)	(10Marks)	(10Marks)	(20Marks)	(20Marks)	(10Marks)		
5	Advanced Automated Electrical Vehicle for Differently abled persons.	15	8	8	8	15	18	6		Good Job. Good Demo. Good Product Make it a physical play Generic model. Make it a more robust elegant. Include Mech. Eng Team

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Name of the Jury Member

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## Suggestions/Remarks given by the Jury

- To be able to identify the threats with the plant (if any) Date: 12/12/2021
- To develop into an ~~app~~ dynamic application, which can be ~~used~~ <sup>used</sup> in real time world.

Team Number/Name: 6

No	Name	Roll Number	Branch and Year	Contact	Email id
1	B. Rohit	17R11A05K3	CSE - III	8309744656	rohithrvgv@gmail.com
2	S. Suchith	17R11A05N6	CSE - III	9398279806	ssuchith299@gmail.com

### Title - idea

Identification of medicinal plants based on their leaves using image processing.

### Novelty of the idea:

(Patent/market/Literature search)

We plan to make it much more efficient than the existing ones. We intend to make it atleast 90% efficient.

### Technical Feasibility:

To develop a system which is capable of identifying the plant using the images of the leaf, using OpenCV. The image is identified using different features of a leaf like rectangularity, circularity, etc so that we can identify a particular set of data to identify it.

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# Geethanjali College of Engineering and Technology

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## IDEATHON

Team Number	Title	Novelty	Tech Feasibility	Marketing feasibility	Financial Viability	Scalability	social cost benefit analysis	Potential for future progressions	Total	Feedback
		(20Marks)	(10Marks)	(10Marks)	(10Marks)	(20Marks)	(20Marks)	(10Marks)	(100 M)	
6	Identification of Medicinal plants	15	7	7	5	15	15	6		student who has some other project idea. of Automated Street Light Control. College electricity Bill saving

Name of the Jury Member

Signature





# Geethanjali College of Engineering and Technology

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Suggestions/Remarks given by the Jury

Date:

# Topic :- computer commands through hand gestures, voice controller.

Team Number/Name: ~~XXXXXXXXXX~~ #

Jo	Name	Roll Number	Branch and Year	Contact	Email id
1	T. Rithika	17R11A0546	CSE IV-A	9000397011	rithikanaidu21@gmail.com
2	M. Veda	17R11A0521	CSE IV-A	9515353089	veda.kris.sambhitha5@gmail.com
3	Tara	17R11A0520	CSE IV-A	939812252	KsaiTara@gmail.com

Video  
Player  
VC

Title - idea Human gestures and voice ~~control~~ based video player.   
 Computer Commands using HG, VC → [What App]

Novelty of the idea: :- It is all about making our hand while video getting played, we can operate using our hand, operations include - forwarding, backwarding, volume up and volume down. Instead of using remote control, we use our hand to operate the video. This is advance version of it,

Technical Feasibility: without our touch on the gadget or screen, we are able to do operations freely using our hand. This is more flexible than using any remote control device to operate.

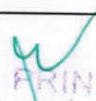
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## IDEATHON

Team Number	Title	Novelty	Tech Feasibility	Marketing feasibility	Financial Viability	Scalability	social cost benefit analysis	Potential for future additions/progressions	Total	Feedback
		(20Marks)	(10Marks)	(10Marks)	(10Marks)	(20Marks)	(20Marks)	(10Marks)	(100 M)	
7	Human Gesture and Voice Control Based Computer Command.	18	8	5	5	15	15	7		Plug in the and ideas for make generic more generic

  
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Suggestions/Remarks given by the Jury

Date: 12/12/2

8.

Team Number/Name:

No	Name	Roll Number	Branch and Year	Contact	Email id
1	N. Swetha	17R11A0436	ECE and III	7993822982	kalamswetha17@gmail.com
2	P. Kavya	17R11A0439	ECE and III	8639436730	ktsnani17@gmail.com
3	P. Gopi	18R15A0410	ECE and III	9948137694	palepugopi4922251@gmail.co

Title - idea

IoT Based Garbage Monitoring and Air pollution Controlling System.

Originality of the idea:

(Patent/market/Literature search)

Able to control air pollution and monitoring the garbage in various bins.

Technical Feasibility:

It is possible to implement in real time

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Team Number	Title	Novelty	Tech Feasibility	Marketing feasibility	Financial Viability	Scalability	social cost benefit analysis	Potential for future additions/progressions	Total	Feedback/Remarks
		(20Marks)	(10Marks)	(10Marks)	(10Marks)	(20Marks)	(20Marks)	(10Marks)	(100 M)	
8	IoT Based Cabinet Monitoring	17	8	7	7	12	15	7		lot of improvements challenges with End user Cost of work Vendor Batteries AS per given

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Name of the Jury Member



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Suggestions/Remarks given by the Jury

Date:

Team Number/Name: 89

S.No	Name	Roll Number	Branch and Year	Contact	Email id
1	S.V. Raghavendra	18R11A0344	Mech - III	630929241	Sadhu Venkatesh Vaghavendra@gmail.com
2	P. Premanand	18R11A0397	Mech - III	9989926848	Premanand Pargidoju @gmail.com
3	B. Manasa	18R11A0310	Mech - III	8383020474	borramanasa @gmail.com
4	V. Poojitha	18R11A03	Mech - III	8374155549	poojithavelivala@ gmail.com

Title - idea

Hydroponics - (Static cultivation)

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Novelty of the idea:

(Patent/market/Literature search)

It is a way of cultivation using water and nutrients without soil. There are very few companies in India who cultivate and sell kits

Technical Feasibility:

Easy farming and gives high yield  
produces a lot more yield and different  
crops can be cultivated. The crop is given  
in very less time with equal and  
higher production rate

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Suggestions/Remarks given by the Jury

Date: 12/12/20

18

Team Number/Name:

S.No	Name	Roll Number	Branch and Year	Contact	Email id
1.	(TEAM LEADER) O. SAIVARUN	19R11A0329	ME(A) - I <sup>st</sup>	6305174967	oseguntave@gmail.com
2.	Ch. Srinivas	19R11A0307	ME(A) - I <sup>st</sup>	9652122947	chsrinivas80@gmail.com
3.	Sree Hansha V	19R11A04P7	ECE(E) - I <sup>st</sup>	6302935998	sreehanshaV18@gmail.com
—	—	—	—	—	—
	(TEAM MENTOR) Dr. Subhash Kamal	—	—	9948176918	subhashkamel@gmail.com

Title - idea

Flower knitting machine (FKM)

Novelty of the idea:

(Patent/market/Literature search)

This machine design is not patented and also in market it will have unique feature to sustain and create employability and we can improve this product on further requirements.

Technical Feasibility:

We will deliver the product / machine through Online;  
(or) can purchase from a local retailer (Malls, Market)  
(or) you can endorse on amazon (or) any other online website(s).



# Geethanjali College of Engineering and Technology

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Team Number	Title	Novelty	Tech	Marketing	Financial	Scalability	social cost benefit analysis	Potential for future additions/progressions	Total	Feedback/Remarks
		(20Marks)	Feasibility (10Marks)	feasibility (10Marks)	Viability (10Marks)	(20Marks)	(20Marks)	(10Marks)	(100 M)	
10	Flower knitting machine	18	8	8	8	18	18	8		<div style="display: flex; align-items: center;"> <div style="margin-right: 10px;">✓</div> <div> <p style="font-size: 1.2em; font-weight: bold;">Excellent</p> <p style="font-size: 0.8em; margin-top: 5px;">Principal Geethanjali College of Engg. Tech. (Cheeryal (V), Keesara (M), R. Dist. (A.P.) - 501301)</p> </div> </div>


Name of the Jury Member

Signature



# Geethanjali College of Engineering and Technology

CHEERVAL (V), KEESARA (M), MedchalDIST-501301, Telangana

Team Number	Title	Novelty	Tech Feasibility	Marketing feasibility	Financial Viability	Scalability	social cost benefit analysis	Potential for future additions/progressions	Total	Feedback/Remarks
		(20Marks)	(10Marks)	(10Marks)	(10Marks)	(20Marks)	(20Marks)	(10Marks)	(100 M)	
2	Knows your trap (mobile app)	10	8	6	10	15	12	5	68	 PRINCIPAL Geethanjali College of Engg. Tech. Cheerval (V), Keesara (M), R.R. Dist. (A.P.) - 501301
3.	Facial Emotion Recognition using video cam.	9	7	5	10	12	12	5	60	
4	Fake news, detection (text content)	8	5	4	10	9	8	3	46	
1	comen. system for hearing and speech impaired people.	8	6	5	10	10	12	5	56	
5.	Electric wheel chair	7	8	5	10	15	12	5	62	
6.	Identification of plants using image processing	7	8	5	10	15	10	5	60	
7.	Human language and voice language	10	8	9	10	16	15	7	73	

Name of the Jury Member

Signature


Dr. L. Venkateswara Prasad as CSE





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IDEATHON

Team Number	Title	Novelty	Tech Feasibility	Marketing feasibility	Financial Viability	Scalability	social cost benefit analysis	Potential for future additions/progressions	Total	Feedback
		(20Marks)	(10Marks)	(10Marks)	(10Marks)	(20Marks)	(20Marks)	(10Marks)	(100 M)	
8	IoT based Garbage collector.	15	8	7	10	15	15	5	75	<p style="text-align: center;">   <b>PRINCIPAL</b>                      Geethanjali College of Engg Techn.                      Cheeryal (V), Keesara (M), K.R. Dist. (A.R.) - 501301                 </p>
9.	Organic cultivation with out soil. (Hydroponics)	12	8	5	10	14	14	5	69	
(10)	AI based smart machines.	14	7	5	10	12	13	5	67	

Name of the Jury Member

*Dr. L. Venkateswarlu*

Professor in CSE

Signature

*L. Venkateswarlu*

# Bethamitla College of Engineering and Technology

CHEERYAL (V), KEESARA (M), MedchalDIST-501301, Telangana

Team Number	Title	Criteria (20 Marks each)							Total (100 M)	Feedback/Remarks
		Novelty	Tech Feasibility	Marketing feasibility	Financial Viability	Scalability	social cost benefit analysis	Potential for future additions/progressions		
2.	Know your crop (mobile App)	12	8	7	8	13	12	7	67	<p>Send it for more no of samples (pics)</p> <p>→</p> <p>Send it in a word doc format for all applications not only mp3. Call state with good survey etc</p>
3.	Facial Emotion Recognition (mobile App)	16	8	7	7	15	15	8	76	<p>Not clear about data set expansion. Accuracy is not good limited to English language.</p>
4.	Fake news detection using data	10	7	6	6	8	9	4	50	<p>Not clear about data set expansion. Accuracy is not good limited to English language.</p>

Name of the Jury Member **Dr. M. Aruna Bharathi**

Signature **M. Aruna Bharathi**

# Bethamiali College of Engineering and Technology

CHEERYAL (V), KEESARA (M), MedchalDIST-501301, Telangana

Team Number	Title	Evaluation Criteria							Total (100 M)	Feedback/Remarks
		Novelty (20Marks)	Tech Feasibility (10Marks)	Marketing feasibility (10Marks)	Financial Viability (10Marks)	Scalability (20Marks)	social cost additions/ benefit analysis (20Marks)	Potential for future progressions (10Marks)		
1.	Commuter callan system for hearing and speech impaired ppl	15	8	8	8	17	16	8	80	use an interplay, speed test it for more samples. need input for societal need
5.	Electric wheel chair.	18	8	9	9	18	17	9	88	try for better material also make revised design and apply mobile app.
8.	Advanced automated electric vehicle is rapidly also sensors.									
6.	Statistical analysis of medical plants using image processing.	14	7	7	7	14	16	8	73	try for better data set also make the flow defined.

Name of the Jury Member **Dr M. Ayana Bhadrak**

Signature **M. A. R. K. S. R.**

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# Beethanjali College of Engineering and Technology

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## IDEATHON

Team Number	Title	Novelty (20Marks)		Tech Feasibility (10Marks)		Marketing feasibility (10Marks)		Financial Viability (10Marks)		Scalability (20Marks)		social cost benefit analysis (20Marks)		Potential for future additions/progressions (10Marks)		Total (100 M)		Feedback
7.	Human hand <del>receptor</del> & voice controlled video player.	18	9	8	8	8	8	18	17	8	86	Well a downward made and alter in the (Python based)						
8.	IoT based gesture handling system.	16	8	8	8	16	16	8	80	use with eye map to identify things quickly. & use solar power. Infrared eye appeal.								
9.	HydroPony	14	6	7	7	14	6	9	63									
10.	Flows printing machine	17	9	8	8	18	16	8	84	the is automate road.								

Name of the Jury Member

Dr. M. Aruna Roshni

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M. Aruna Roshni

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Team Number	Title	Novelty	Tech Feasibility	Marketing feasibility	Financial Viability	Scalability	social cost benefit analysis	Potential for future additions/progressions	Total (100 M)	Feedback/Remarks
		(20Marks)	(10Marks)	(10Marks)	(10Marks)	(20Marks)	(20Marks)	(10Marks)		
2	Know your crop	18	8	6	8	13	18	7	78	<p style="text-align: center;">PRINCIPAL Geethanjali College of Engg. Tech Cheerval (V), Keesara (M), Medchal (A.P.) - 501301</p>
1	Facial Recognition Emotion	18	8	7	9	14	15	7	78	
3	Fake News Detection	13	6	6	5	10	15	6	61	
4	Communication system for hearing and speech impaired people	15	6	6	6	14	15	8	70	
5	Electric wheelchair	15	8	8	8	15	18	8	80	

Name of the Jury Member

Dr. K. Srivina

Signature



# Geethanjali College of Engineering and Technology

CHEERYAL (V), KEESARA (M), MedchalDIST-501301, Telangana

STATUS: Approved

Team Number	Title	Evaluation Criteria								Total (100 M)	Feedback/Remarks
		Novelty (20Marks)	Tech Feasibility (10Marks)	Marketing feasibility (10Marks)	Financial Viability (10Marks)	Scalability (20Marks)	social cost benefit analisis (20Marks)	Potential for future additions/progressions (10Marks)			
6 <i>(Relth)</i>	Identification of medicinal plants based on their leaves using Image processing	16	8	9	10	18	18	9	88	Flavia Dataset has separate database	
7	Human gesturing & voice controlled video player										
8	IoT Based smart garbage collector	15	8	8	8	12	18	8			
9	<del>Hydroponics</del> Flower knitting machine	17	8	8	10	15	18	9			

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Name of the Jury Member

*GURUSIVA KUMAR*

Signature

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## Suggestions/Remarks given by the Jury

Date:

12/12/20

Team Number/Name: 5

S.No	Name	Roll Number	Branch and Year	Contact	Email id
1.	19R15A0215	M. Devika	EEE	7095395189	devika.sweetly1518@gmail.com
2.	19R15A0214	D. Swathi	EEE	8688984875	swathidamera005@gmail.com
3.	19R15A0217	B. Sugandhi	EEE	9030760004	busesugandhi11@gmail.com
4.	16R11A0213	B. Rakesh	EEE	8074518066	rakesh98365@gmail.com
5.	16R15A0209	Chinmay	EEE	7799646430	chinmayprince456@gmail.com

### Title - idea

Advanced Automated Electrical vehicle for Differentially  
Able persons.

### Novelty of the idea:

(Patent/market/Literature search)

Project Guide patent In process  
Planning for Statup.

### Technical Feasibility:

Already in working conditions

### Components:-

Dc motor, motor driver  
Battery, Software (c++)  
Arduino UNO  
Joy stick.

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## Suggestions/Remarks given by the Jury

- Develop a plan to market the product.
- To take samples of prominent plants of a particular area for training the data sets
- In phase 1, take samples of a few plants and try to get right outputs for max plan
- Present the novelty of the product clearly along with financial benefits.

Date: 12/12/2020

Team Number/Name: 2/

S.No	Name	Roll Number	Branch and Year	Contact	Email id
1	Adithi Kulkarni	17R11A0549	IV - CSE	9493462607	adithikulkarni1207@gmail.com
2	SLK Sai Kishore	17R11A0591	IV - CSE	7382077848	dubby.sai@gmail.com
3	K. Lalitha	17R11A0572	IV - CSE	.	.

**Title - idea** KNOW YOUR CROP MOBILE APPLICATION

To develop an application to detect the crop diseases and display the causes, symptoms and precautions to be taken to the user.

**Novelty of the idea:**

(Patent/market/Literature search)

Helps the farmers to detect the condition of the crop at an early stage and quickly and also enhance the quality of the crop w.r.t the weather, soil and several other conditions. Also give the precautions to be taken and also

**Technical Feasibility:** the solutions to solve the issues.

- User Friendly application.
- Inbuilt camera
- Able to upload the images from their smartphones.
- User friendly widgets.

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**Marketing Feasibility:** It is ~~for~~ mainly used for Impaired people-  
It ~~is~~ consists of a glove.

**Financial Viability:** Around 3000 - 4000.

**Project scalability:** Impaired people who are deaf and dumb.

**social cost benefit analysis:** According to WHO <sup>are</sup> there a million people who  
are deaf, dumb and blind.

**Other Remarks:**

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Name of the Mentor/Team Lead: B. Sai Tej.

Signature



Rohin

Sricharan <sup>CVA</sup>

② Public Transport  
Disinfect

few

② Flower Knitting  
M/c

6. Vrikorder

5. Cough Sensy  
Auto Sanitization

⑥

65

⑤

71

① End the stigma 72

10. ~~Gluck~~

⑫ mobile  
Pos

58

55

Both agree

III ECE	Arinhyu
End the stigma	18 RIAO/AY
Rev of mental Health Support App	P. S. S. S. S.

✓ ⑥ Vrikorder - smart

✓ ⑤ Cough Sensy Auto San

✓ ⑦ Flower Knitting

✓ ② Public Transport disinfection

① End the stigma