



VEMU INSTITUTE OF TECHNOLOGY:: P.KOTHAKOTA

Chittoor-Tirupathi National Highway, P Kothakota, Near Pakala, Chittoor (Dt), AP - 517112

(Approved by AICTE, New Delhi, Recognized Under 2(D) & 12(B) of UGC Act

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Ministry of Education's Innovation Cell (MIC)

Sponsored

Impact lecture Session-Phase II

on

“Innovation and Intellectual Property Rights”

Date: 08-11-2021 and 09-11-2021

Time: 6.30pm to 8.00pm

Organized by

Research & Development Cell and Innovation Club

VEMU INSTITUTE OF TECHNOLOGY



VEMU INSTITUTE OF TECHNOLOGY

P. Kothakota, Chittoor District - 517 112

Date: 05.11.2021

CIRCULAR

This is to inform that the Dr.A.Mahamani, Dean R&D will be conducting MIC sponsored **Impact Lecture Session-Phase-II** on **“Innovation and Intellectual Property Rights** on 08-11-2021 to 09-11-2021 from 6.30 PM to 8.00 PM in the Virtual mode. Hence all the HODs are informed to intimate the faculty to attend the program without fail. Also the HODs of EEE and ME are informed to ensure that the II-B.Tech students attend the programme.

1. Dr. Ramesh Chandra panda, Dean R&D, Synergy Institute of Engineering and Technology, Dhenkanal will be delivering session on **“Steps to create a Product based invention and its challenges” on 8-11-2021.**
2. Dr.G. Mathan, Manager (R&D), Chennai, on **“Patent Drafting” on 09-11-2021**

This is for your information and necessary action.

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Copy to:

1. All the HODs to circulate among faculty and students
2. IQAC I/C for filing
3. R&D Cell (for filing)
4. Display in the notice boards

II - EEE - *MA*
II - ME - *[Signature]*



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Accredited by NAAC & NBA (CSE, ECE & EEE)

P.Kothakota, Tirupati-Chittoor Highway, Chittoor Dt., AP-517112.



MINISTRY OF EDUCATION'S
INNOVATION CELL (MIC)

Sponsored



IMPACT LECTURE SESSION
on



"INNOVATION & INTELLECTUAL PROPERTY RIGHTS"
(Online Mode)

On 8th & 9th Nov, 2021

Impact Lecture 1



Dr. Ramesh Chandra Panda

Chief Scientist, Wegrow Private LTD, Orissa

Topic : Steps to create a Product based invention and its challenges

Date & Time : 8th Nov, 06:30 PM - 08:00 PM

Impact Lecture 2



Dr. G. Mathan

Manager(R&D), Mahindra & Mahindra, Chennai.

Topic : Patent Drafting

Time : 9th Nov, 06:30 PM to 08:00 PM

Who can attend?

Faculty members, Research scholars and Students

Last date of registration is 07/11/2021

Coordinator

Dr. A. Mahamani

Principal

Dr. Naveen Kilari

Chairman

Dr. K. Chandrasekhar Naidu

The participation e-certificate will be issued to all the attendees



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Name of the Programme: Ministry of Education's Innovation Cell (MIC) Sponsored Impact lecture Session-Phase II on "*Innovation and Intellectual Property Rights*"

Date: 08-11-2021 and 09-11-2021

Time: 6.30pm to 8.00pm

Students Attendance Sheet

Branch: EEE

S.No	Roll Number	Name of the student	Attendance
1	204M1A0201	A Mamatha	Mama
2	204M1A0202	A Lokesh	Lokesh
3	204M1A0203	Ambati Suchetana	Absent
4	204M1A0204	Ambu Rajith Kumar Reddy	Rajith
5	204M1A0205	Aralichettu Mahesh	Mahesh
6	204M1A0206	Attar Aslam	Aslam
7	204M1A0208	Baluku Amruthavani	Amruthavani
8	204M1A0209	B Harshitha	Harshitha
9	204M1A0210	Badri Nandini	Nandini
10	204M1A0211	Bapanapalli Jyotheesh	Jyotheesh
11	204M1A0212	Bondili Phani Praneeth Singh	Phani
12	204M1A0213	C Syam Daniel Raja	Raja
13	204M1A0214	Cheekatipalli Neeraja	Neeraja
14	204M1A0215	Chilla Saran Kumar	Saran
15	204M1A0216	D Mahesh	Mahesh
16	204M1A0217	D Yasaswini	Yasaswini
17	204M1A0218	Dalavayi Renukeswar	Renukeswar
18	204M1A0219	Dasineni Meghana	Meghana
19	204M1A0220	Depa Poojitha	Poojitha
20	204M1A0221	G Deehitha	Deehitha
21	204M1A0222	Gujjipineni Sai	Sai
22	204M1A0223	Gundluri Kiran Kumar	Kiran
23	204M1A0224	Jotha Kesava	Kesava
24	204M1A0225	K Mohan	Mohan
25	204M1A0226	Kanchi Lillesh	Lillesh
26	204M1A0227	Kannati Monika	Monika
27	204M1A0228	Kasetty Jayasatya	Jayasatya
28	204M1A0229	Kethamreddy Pallavi	Pallavi
29	204M1A0230	Kotha Himabindhu	Himabindhu
30	204M1A0231	Mulinti Abhishek	Abhishek
31	204M1A0232	Maddu Balaji	Balaji
32	204M1A0233	Nallapareddygari Madhuri	Madhuri
33	204M1A0234	Neella Mahesh	Mahesh

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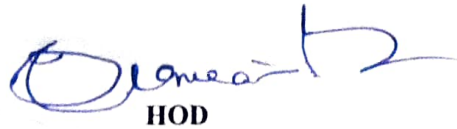
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34	204M1A0235	P Janani	Janani
35	204M1A0236	Puthalapattu Madhu	Puthalapattumadhu
36	204M1A0238	Paipalle Chandini	Chandini
37	204M1A0239	Paramala Yellamma	Yellamma
38	204M1A0240	Pasala Himateja	Himateja
39	204M1A0241	Peram Gayathri	Zeenith
40	204M1A0242	Ponne Zeenith	Zeenith
41	204M1A0243	Pujari Anusha	Anusha
42	204M1A0244	R G Jayasree	Jayasree
43	204M1A0245	R Naresh	
44	204M1A0246	Sannapaneni Jahnavi	Jahnavi
45	204M1A0247	Seella Harshavardhan Yadav	Yadav
46	204M1A0248	T R Akhila	Akhila
47	204M1A0249	Thummalamala Sai Krishna	Absent
48	204M1A0250	Vanteri Anusha	Anusha
49	204M1A0251	Veguru Umesh Chandra	Umesh
50	204M1A0252	Yarrabothu Sri Ram	Sri Ram
51	204M1A0253	Yatham Ajay Kumar Reddy	Ajay Kumar
52	214M5A0201	Balli Srinivasulu	Absent
53	214M5A0202	E Komala	Komala
54	214M5A0203	Guggilam Surendra	Surendra
55	214M5A0204	Madavaram Ajith	Absent
56	214M5A0205	Mekala Suresh	Suresh
57	214M5A0206	Merugu Chandrababu	Chandrababu
58	214M5A0207	Mundri Nandini	Nandini
59	214M5A0208	R Sai Somanth	Sai Somanth
60	214M5A0209	B Gayathri	Absent
61	214M5A0210	Garikapati Jaswanth	Jaswanth
62	214M5A0211	K Nikhileswar	Nikhileswar
63	214M5A0212	Lekkalapoodi Dharani	Lekkalapoodi
64	214M5A0213	Molaka Lokesh	Lokesh
65	214M5A0214	Nellore Charan Teja	Charan Teja


Incharge


HOD


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Branch: ME

S.No	Roll Number	Name of the student	Attendance
1	204M1A0301	A Durga Prasad	Durga
2	204M1A0302	A Lokesh	Lokesh
3	204M1A0303	Gonugodugu Simhadri	Simhadri
4	204M1A0304	Anthati Reddappa	Reddappa
5	204M1A0305	Ardhamala Bharath	absent
6	204M1A0306	Attar Abdul Kabeer	absent
7	204M1A0307	Avalukunta Venkta Kiran	Venkat Kiran
8	204M1A0308	B Hemanth Kumar	Kumar
9	204M1A0309	B Santhosh	Santhosh
10	204M1A0311	Basireddy Manjunath Reddy	Reddy
11	204M1A0312	Battini Uday Kumar	absent
12	204M1A0313	Billuru Bhanu Prakash	Prakash
13	204M1A0314	C Vinay	Vinay
14	204M1A0315	Chandragiri Sai Shashank	Sai Shashank
15	204M1A0316	Cheekati Eswar	Eswar
16	204M1A0317	Chennuru Bharath Kumar	Kumar
17	204M1A0318	Chittoor Subramanyam	Sub
18	204M1A0319	D Jaya Kumar	Jaya Kumar
19	204M1A0320	Devalla Kartheek	Kartheek
20	204M1A0321	D Lokesh	absent
21	204M1A0322	Dalavayee Pavankalyan	Pavankalyan
22	204M1A0323	Depa Harshavardhan	Harshavardhan
23	204M1A0324	Donda Naveen	Naveen
24	204M1A0325	Emuri Sai Sireesha	Sai Sireesha
25	204M1A0326	Eruru Azaruddin	Azaruddin
26	204M1A0327	Estarakula Sudharshan	Sudharshan
27	204M1A0328	Ganji Mahesh	Mahesh
28	204M1A0329	G Manasa	MANASA
29	204M1A0330	Guriginjagunta Nagesh	Nagesh
30	204M1A0331	G S Akash	Akash
31	204M1A0332	G Sreenivas	absent
32	204M1A0333	Gali Yaswanth Kumar	Yaswanth
33	204M1A0334	Gandham Elize Martin	Elize martin
34	204M1A0335	Gandham Sivaleela	absent
35	204M1A0336	Gangadhar Nellore Chaitanya Sai	Chaitanya
36	204M1A0337	Gangappagari Naveen Kumar	Naveen
37	204M1A0338	Golla Vasanthkumar	Vasanthkumar
38	204M1A0339	Gundloor Muzaffar Ahmed	Muzaffar
39	204M1A0340	I Ravi Kumar	Ravi
40	204M1A0341	J Yashwanth Kumaran	Yashwanth
41	204M1A0342	Jorepalli Hari Prasad	Hari

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42	204M1A0343	K Kijar	Kijar
43	204M1A0344	Karnam Punith Kumar	Absent
44	204M1A0345	Kesavappagari Sreekar	Sreekar
45	204M1A0346	Kalupukuri Sreenivasulu	Sreenivasulu
46	204M1A0347	Kamasani Tejesh	Tejesh
47	204M1A0348	Konapareddy Sindhu Sree	Absent
48	204M1A0349	Kondakamarla Baba	Baba
49	204M1A0350	Konreddy Daimond Reddy	Daimond
50	204M1A0351	Laiamgari Sathish	Sathish
51	204M1A0352	M Purushotham	Absent
52	204M1A0353	M Rakesh	Rakesh
53	204M1A0354	M Sai Charan	Sai Charan
54	204M1A0355	Macharam Sai Tejesh	Sai
55	204M1A0356	Maddila Chendu	Chendu
56	204M1A0357	Manavasi Venkatesh	Venkatesh
57	204M1A0358	Miriyala Narasimha Reddy	Narasimha Reddy
58	204M1A0359	Mudusu Bhargavi	Bhargavi
59	204M1A0360	Mullangi Sreenadha	Sreenadha
60	204M1A0361	Myleri Chandu	Chandu
61	204M1A0362	Nalagampalli Manjunadh Reddy	Manjunadh
62	204M1A0363	Nandanuru Purushotham	Absent
63	204M1A0364	Nelaballi Indu	Indu
64	204M1A0365	Nidigunta Anvesh	Anvesh
65	204M1A0366	P Rohith Reddy	Rohith
66	204M1A0367	Patnam Koshik	Koshik
67	204M1A0368	Pulla Siddartha Reddy	Siddartha
68	204M1A0369	Puttareddy Lokesh	Absent
69	204M1A0370	R Jeevan	Jeevan
70	204M1A0371	R Malasree	Sree
71	204M1A0372	R Tholasi Prasad	Prasad
72	204M1A0373	R Vignesh	Vignesh
73	204M1A0374	S Harshavardhan	Absent
74	204M1A0375	Saddala Nitheeshkumar	Nitheesh
75	204M1A0376	Sane Hareesh	Hareesh
76	204M1A0377	Siddappagari Rajesh	Rajesh
77	204M1A0378	Syed Bodesha Valli	Bodesha Valli
78	204M1A0379	T Durgaprasad	Absent
79	204M1A0380	T Mahesh	Mahesh
80	204M1A0381	Thanepagari Vishnuvardhanbabu	Vishnuvardhan
81	204M1A0382	Thondu Pujitha	Pujitha
82	204M1A0383	Thondu Santhosh	Santhosh
83	204M1A0384	Thottambeti Pushpalatha	Pushpalatha
84	204M1A0385	Thupalli Vishnu Vardhan	Vishnu Vardhan
85	204M1A0387	V Hemachandran	Absent
86	204M1A0388	V R Devendra	Dev


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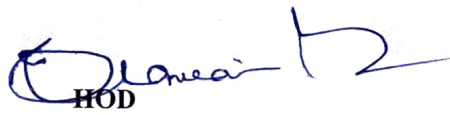
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87	204M1A0389	Vaddi Rajesh	Vaddi Rajesh
88	204M1A0390	Venkateswarlu Karthikeyan	Karthikeyan
89	204M1A0391	Vetti Usha	Usha
90	204M1A0392	Y Theja	Theja
91	204M1A0393	Yarravengannagari Pavan Kumar	Pavan
92	214M5A0301	B Pavan Kumar	Pavan
93	214M5A0302	Gunapati Krishna Murthy	Murthy
94	214M5A0303	Kadapana Thriveni	Absent
95	214M5A0304	Kandannagari Satheesh	Satheesh
96	214M5A0305	Maddi Vinod Kumar	Vinod Kumar
97	214M5A0306	Pulicherla Lokesh	Lokesh
98	214M5A0307	S Bhanuprakash	Absent
99	214M5A0308	Shaik Valibasha	Valibasha
100	214M5A0309	D Manoj Kumar	Manoj
101	214M5A0310	Rayachoti Bhogeswar	Bhogeswar


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Research and Development cell


Date: 20.11.2021

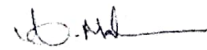
Submitted to the MHRD's Innovation Cell, AICTE, New Delhi

Sub: Event report-MIC sponsored Impact Lecture Session Phase -2-Reg.

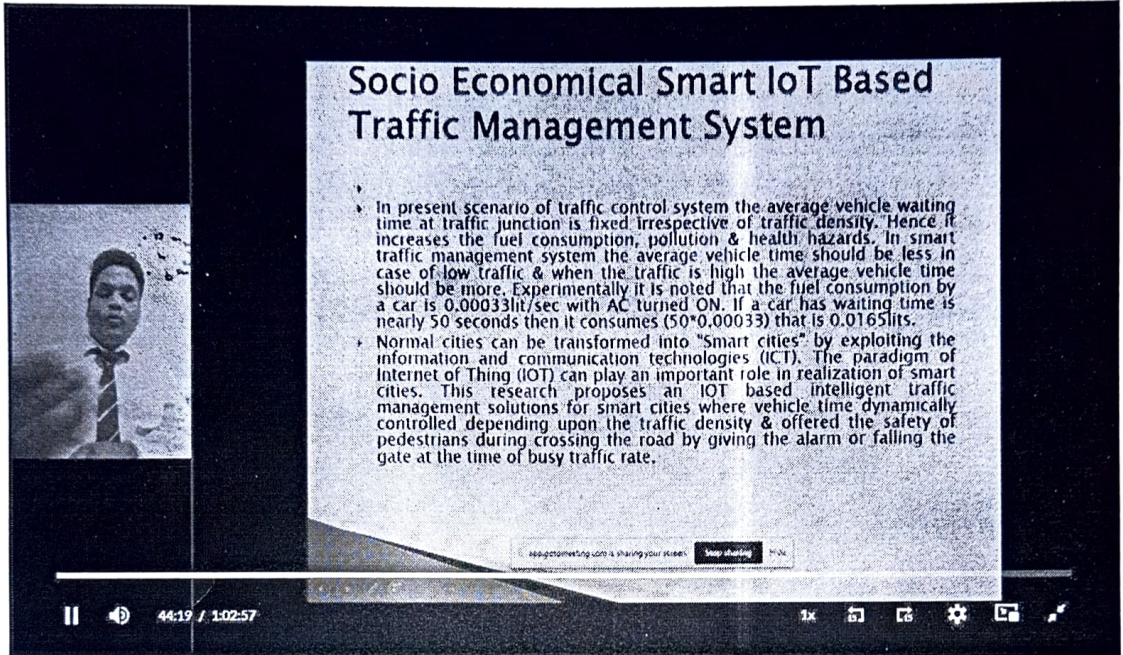
We organized the second phase of the Ministry of Education's Innovation Cell (MIC) sponsored Impact Lecture Session on 08/11/2021 and 09/11/2021. The event was inaugurated by Dr.Naveen Kilari, Principal. Dr.A.Mahamani coordinated the event.

Dr.Ramesh Chandra Panda, Chief Scientist, Wegrow Private LTD, Dhenkanal, Orissa has delivered a talk on "Steps to create a Product based invention and its challenges". He described the various product based inventions for bio medical applications. He motivated the students to create inventions in the area of agriculture and energy as part of the socially relevant projects. Dr.G.Mathan, Manager, (R&D), Mahindra&Mahindra, Chennai has delivered a motivational talk on "Patent Drafting". He started with his talk about the "Patentability criteria". He highlighted the various Intellectual Properties such as Patent, Design, trade mark and Geographical Indicators. He emphasized that the proof of concept is more essential than the prototype for filing patents. Dr.A.Mahamani, the Coordinator delivered the vote of thanks to the resource persons and participants. We got more than 200 registrations from various states of the country. More than 100 members have participated via GoTo meeting platform. Around 70 students and 15 faculty members are from the host institutions are participated. The feedback summary shows that 83 % of the students are interested in creating an innovative product. The second phase of the impact session motivated the students significantly and the objective of the MIC Sponsorship is fulfilled.


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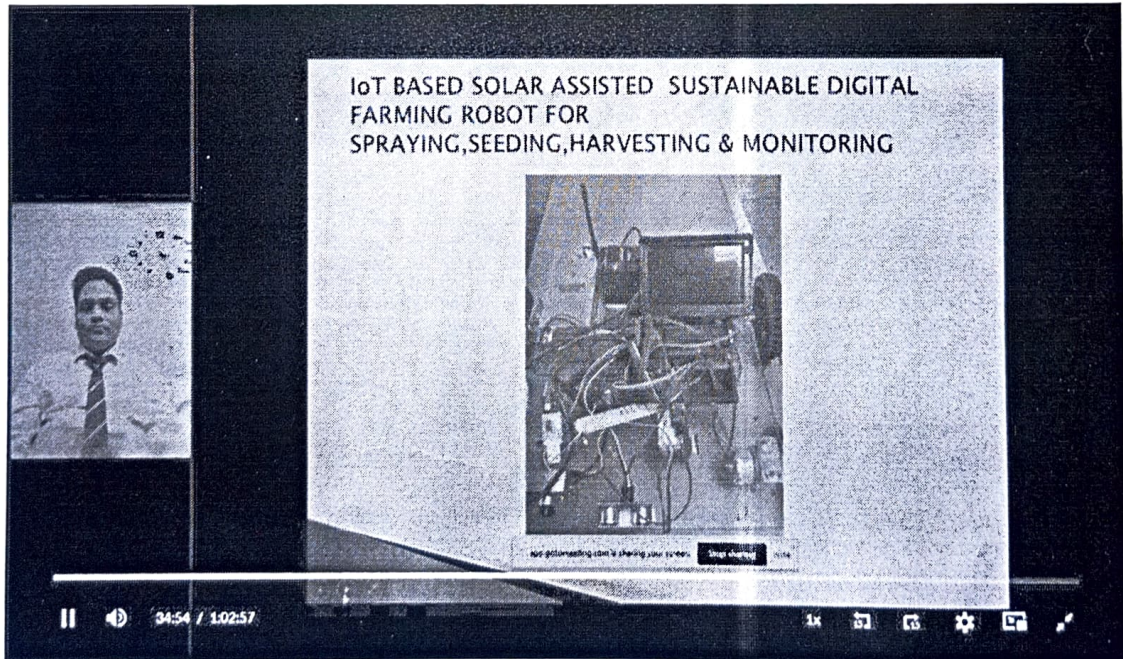
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Socio Economical Smart IoT Based Traffic Management System

- In present scenario of traffic control system the average vehicle waiting time at traffic junction is fixed irrespective of traffic density. Hence it increases the fuel consumption, pollution & health hazards. In smart traffic management system the average vehicle time should be less in case of low traffic & when the traffic is high the average vehicle time should be more. Experimentally it is noted that the fuel consumption by a car is 0.00033lit/sec with AC turned ON. If a car has waiting time is nearly 50 seconds then it consumes (50×0.00033) that is 0.0165lits.
- Normal cities can be transformed into "Smart cities" by exploiting the information and communication technologies (ICT). The paradigm of Internet of Thing (IOT) can play an important role in realization of smart cities. This research proposes an IOT based intelligent traffic management solutions for smart cities where vehicle time dynamically controlled depending upon the traffic density & offered the safety of pedestrians during crossing the road by giving the alarm or falling the gate at the time of busy traffic rate.

44:19 / 1:02:57

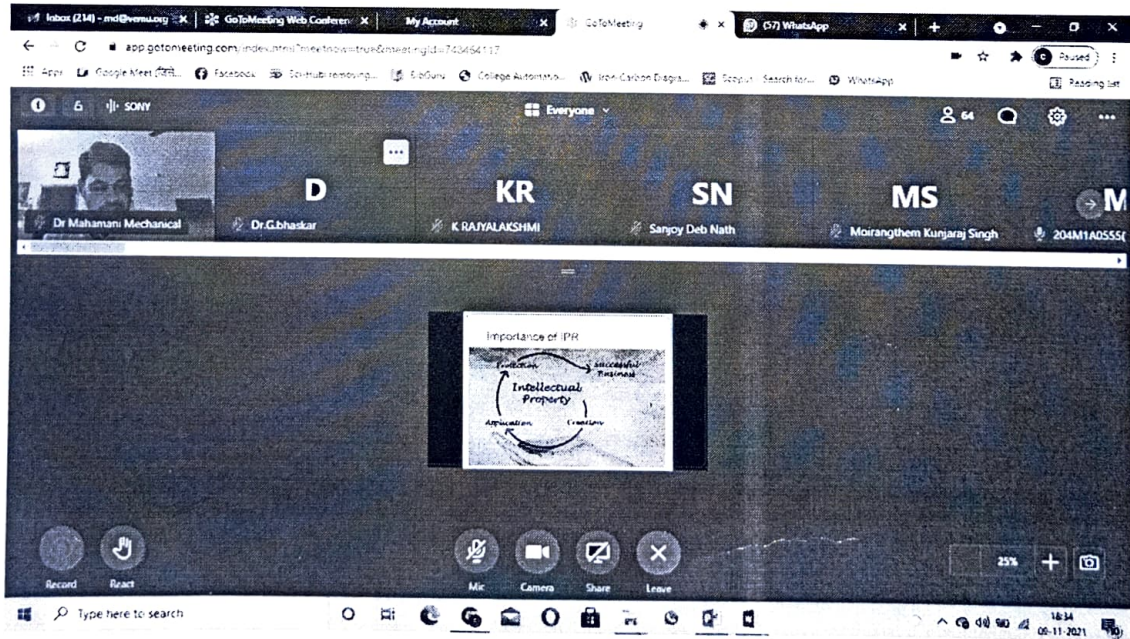
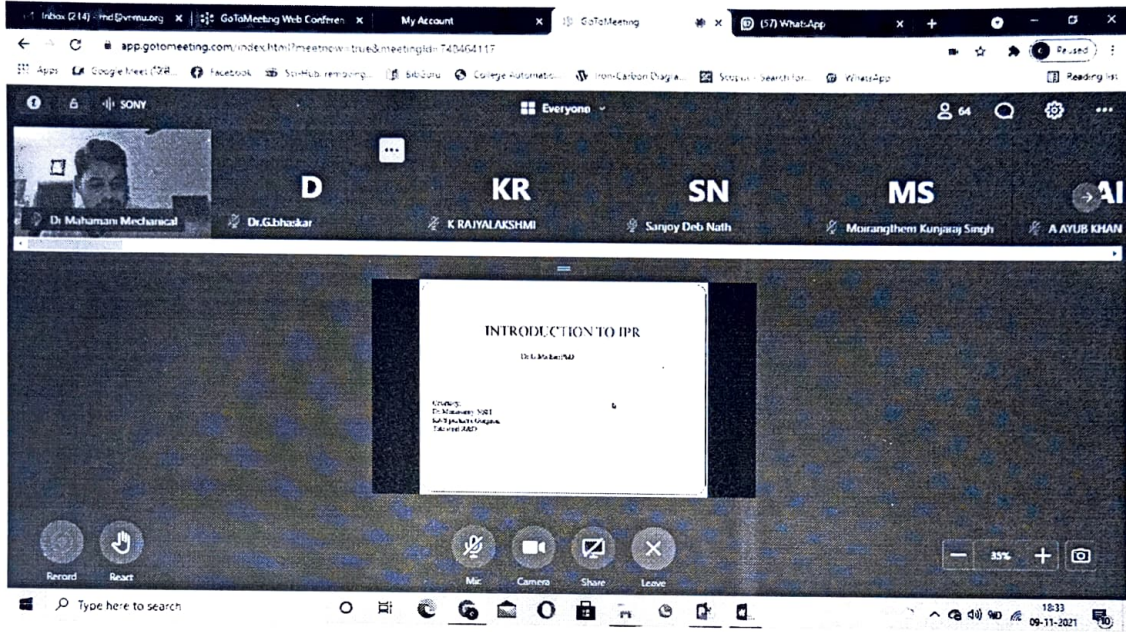


IoT BASED SOLAR ASSISTED SUSTAINABLE DIGITAL FARMING ROBOT FOR SPRAYING, SEEDING, HARVESTING & MONITORING



34:54 / 1:02:57

Session 2



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