

## Awards received by projects :

List of Best projects for three academic years based on Project Quality Assessment sheet and Achievements are shown in **table** .

2020 – 2021:			
SNO	Batch Details	Project title	Contribution/ Achievement/ Publication
1	Batch – A9 177Y1A0519	QR Code Based Distribution System of Rich Nutrient food supply to the Tribal Community for better health and growth.	
2	Batch – B28 177Y1A05A7 177Y1A0599	<ul style="list-style-type: none"> <li>App for online opd appointment and Hospital System</li> <li>Crop Protection and Maintenance System</li> </ul> <a href="https://www.aicte-india.org/sites/default/files/CVA/CVA_ShortlistedApplications.pdf">https://www.aicte-india.org/sites/default/files/CVA/CVA_ShortlistedApplications.pdf</a>	AICTE Chhatra Vishwakarma Awards 2020
3	Batch – A9 177Y1A0514 177Y1A0508	E –Marketplace (Like Amazon, flipkart) wherein tribals can promote, market and sell tribal produce such as handicrafts , arts, paintings, minor forest products etc. on line with provision of delivery and e-payment and promotional discounts.	Internal hacakathon SIH – 2020, MLRITM, Hyderabad
2019 – 2020:			
SNO	Batch Details	Project title	Achievements
1	Batch – 21 167Y1A05B1	<ul style="list-style-type: none"> <li>Smart glove</li> <li>IoT Based Baggage Tracing And Handling System Using RFID For Airports</li> </ul> <a href="https://www.aicte-india.org/sites/default/files/Shortlisted%20Teams%20-%20CVA_List%20II%20%281%29.pdf">https://www.aicte-india.org/sites/default/files/Shortlisted%20Teams%20-%20CVA_List%20II%20%281%29.pdf</a>	<ul style="list-style-type: none"> <li>AICTE Chhatra Vishwakarma Awards 2019</li> <li>Smart India Hackathon 2019</li> </ul>
2	Batch – C6 167Y1A05E6 167Y1A05H8	<ul style="list-style-type: none"> <li>IoT based Rose Plant irrigation system and disease detection</li> <li>System for Predicting Driver Drowsiness and alerting the driver</li> </ul>	L&T Techgium -2019
3	Batch – B14 167Y1A0581	<ul style="list-style-type: none"> <li>IOT based Visually Impaired stick</li> <li>Integrated Automatic floor warning and alert system using IoT</li> </ul> <a href="https://www.aicte-india.org/flipbook/Vishwakarma_award/#p=70">https://www.aicte-india.org/flipbook/Vishwakarma_award/#p=70</a>	<ul style="list-style-type: none"> <li>AICTE Chhatra Vishwakarma Awards 2019</li> <li>36<sup>hr</sup> Hackathon - IoT for Smart Life MLRITM, Hyderabad</li> </ul>
2018 – 2019:			
SNO	Batch Details	Project title	Achievements
1	157Y1A05G9	IOT Based Patient Monitoring System <a href="https://www.aicte-india.org/sites/default/files/Shortlisted%20Teams%20-%20CVA_List%20II%20%281%29.pdf">https://www.aicte-india.org/sites/default/files/Shortlisted%20Teams%20-%20CVA_List%20II%20%281%29.pdf</a>	<ul style="list-style-type: none"> <li>AICTE Chhatra Vishwakarma Awards 2018</li> <li>IoT Challenge MLRITM, Hyderabad</li> </ul>
2	157Y1A05C2	IOT Based Smart Domestic Electric Energy Management System <a href="https://www.aicte-india.org/sites/default/files/Shortlisted%20Teams%20-%20CVA_List%20II%20%281%29.pdf">https://www.aicte-india.org/sites/default/files/Shortlisted%20Teams%20-%20CVA_List%20II%20%281%29.pdf</a>	<ul style="list-style-type: none"> <li>AICTE Chhatra Vishwakarma Awards 2018</li> </ul>

		<a href="http://india.org/sites/default/files/Shortlisted%20Teams%20-%20CVA_List%20II%20%281%29.pdf">india.org/sites/default/files/Shortlisted%20Teams%20-%20CVA_List%20II%20%281%29.pdf</a>	<ul style="list-style-type: none"> <li>• Smart India Hackathon 2018</li> <li>• IIT Bombay National Level Annual Technical Festival, Radiance</li> </ul>
3	157Y1A0503	Virtual Financial Assistant	<ul style="list-style-type: none"> <li>• Building Chatbots with IBM Watson 2018 MLRITM, Hyderabad</li> <li>• TekHack-MLRITM, Smart Bridge</li> </ul>

**Table :** Evidences of papers published /Awards received by projects



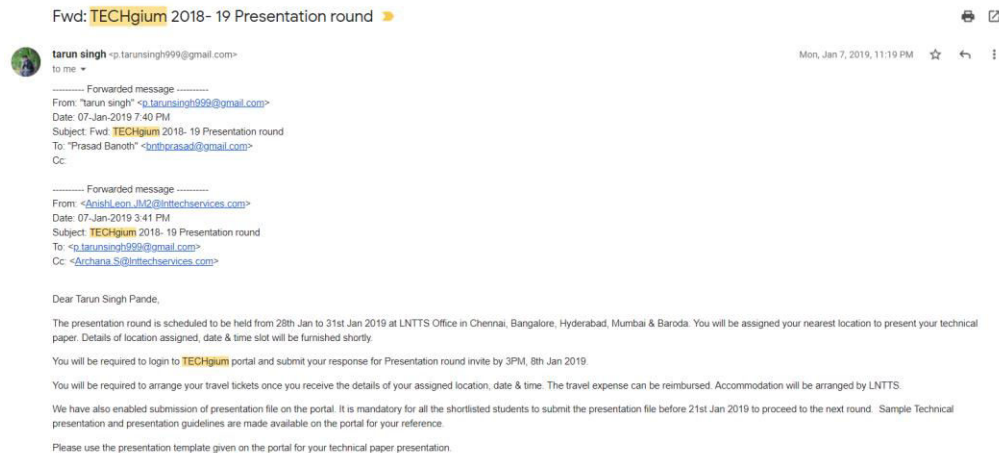
**Fig** Team Participation in Internal hacakathon SIH – 2020



**Fig :** Working prototype of student participating in 36<sup>hr</sup> Hackathon - IoT for Smart Life



**Fig : Students and title of students participated in L&T Techgium -2019**



**Fig : Mail received from L&T Techgium -2019**



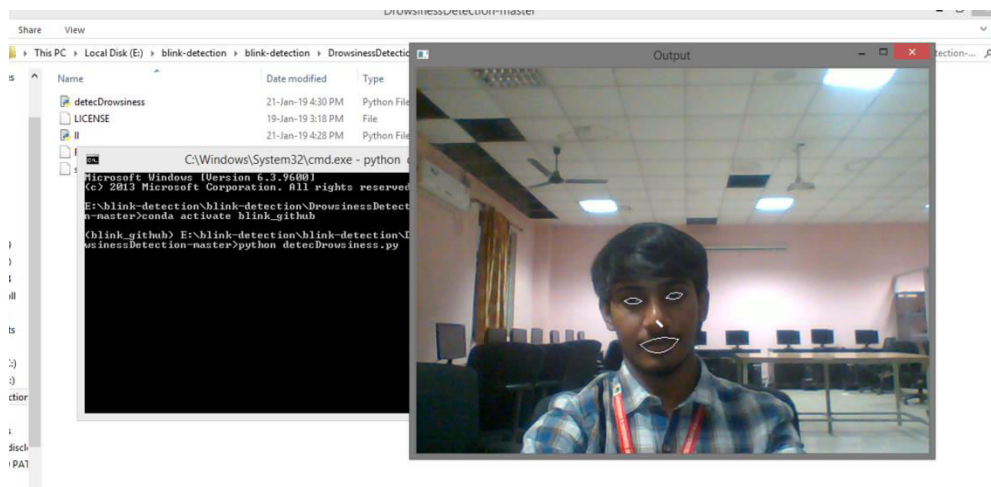


Fig : Working prototype of students to participate in L&T Techgium -2019



## INTEGRATED AUTOMATIC FLOOR WARNING AND ALERT SYSTEM USING IOT



**Team Name :** CODEEXAMPLERS@MLRITM

**Institution Name :** MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT

- There could be a central database connecting all hydro power stations (HPS) in the country, where information before release of water from dams of all projects would be consolidated. The HPS would need to enter data about release of water well in advance to this central database/repository.
- Telecom solutions may be developed to send warning SMS to all mobile phone users in the area/river basin of HPS which going to release water and downstream in the river basis, based on real time information collected from telecom operators as to the number of users being served by mobile towers located in the area.
- The warning SMS should be sent to all users identified above, overriding the DND registries.
- All-weather Public-Announcement systems may be used/developed based on Internet of Things (IoT) and placed above electricity poles/other such infrastructure near the river basin. They may be connected through OPGW (optical fiber composite overhead ground wire) cables wherever available or may work on wireless systems to be more efficient. The PA systems should be connected with the central database and start warning announcements automatically without manual intervention.





Fig : AICTE Chhatra Vishwakarma Awards 2018 model presentation

16922	THERMO RANGERS- MLRITM	Council of Scientific and Industrial Research (CSIR)	domestic electric energy management system	MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT #4700	K Vishnavi	Pune
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23032	Aqua Rangers MLRITM	MARRI LAXMAN REDDY INSTITUTE OF TECHNOLOGY AND MANAGEMENT #4700			Prathika cheerala	
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**Fig :** Team shortlisted in SIH-18 on IOT Based Smart Domestic Electric Energy Management System



**Fig :** Certificate Received by student for participating in AICTE Chhatra Vishwakarma Awards 2018



**Fig :** Certificate Received by student for participating in AICTE Chhatra Vishwakarma Awards 2018





Fig : Team discussion in Building Chatbots with IBM Watson 2018




<div>  <b>MARRI LAXMAN REDDY</b>  <b>INSTITUTE OF TECHNOLOGY &amp; MANAGEMENT</b>  <small>(Approved by AICTE-New Delhi, Accredited by NAAC with 'A' &amp; Affiliated to JNTU, Hyderabad)</small>  <small>Recognised Under Section 2(f) &amp; 12(B) of The UGC act, 1956</small>  <small>Dundigai, Gouthbulla pur (M), Hyderabad-500045.</small> </div> <div>   </div>								
Department of Computer Science and Engineering								
Hackthon - Building Chatbots with IBM Watson								
Winner Teams Details								
Sno	Position	Team No	RollNo	Name	Class	Section	Team name	Idea Title
1	Winners	38	167Y1A0530	KASUGANTI SAATHYAK RAO	III	A	Team Zenith	Virtual Financial Assistant
2			167Y1A0501	P. ADITHYA	III	A		
3			167Y1A0512	K. CHAITANYA REDDY	III	A		
4			167Y1A0526	UGGERY RAMANA	III	A		
5			167Y1A0558	P.VIVASWANTH REDDY	II	B		
6	1st Runner Ups	31	167Y1A05A2	M. SMRITI MENON	III	B	Gear Tackers	Baggage Tracking System
7			177Y1A0592	RAHUL GHOSH	II	B		
8			177Y1A05A5	BORRA SAI TEJA	II	B		
9	2nd Runner Ups	15	167Y1A05G0	SAI LEELA.M	III	C	Techno Crats	Secured Card
10			177Y1A05C7	JAGGARI ARUN KUMAR	II	C		
11			177Y1A1246	KARRA SUPRIYA	II	IT		

Fig : Team details in Building Chatbots with IBM Watson 2018



Fig : Certificate Received by student for participating in SIH-17