

**Criterion II  
Teaching-Learning and Evaluation**

**PROJECT BASED LEARNING**

Project-Based learning to acquire knowledge and skills through active exploration of real world challenges and problems. Hackathons, Mapathon, Toycathon and SIH create opportunities to work in small groups towards solving real world challenges. The following are the list of Project Based Learning from the academic year 2017-18 to 2021-22.

Nalaiya Thiran – an experiential project-based learning program, IBM as the Technology Partner, ICT Academy as the Support Partner, and NASSCOM as the Skills Certification Partner. The students work in groups of four to complete projects using agile approaches and with the aid of faculty and industry mentors. Following the evaluation, the best teams will be identified and recognized.

Smart Bridge in collaboration with IBM Global University Programs has brought an exclusive challenge for you to Code, Develop & Innovate for a better future. IBM Hack Challenge 2022 is packed with technical learning, finding solutions to problems plaguing society and access to courseware & skill badges.

S.NO	Academic Year	Nalaya Thiran		Naan Mudhalvan		IBM Hack Challenge	
		No. of Faculty Participated	No. of Student Participated	No. of Faculty Participated	No. of Student Participated	No. of Faculty Participated	No. of Student Participated
1	2022-2023	-	424	25	125	-	38



Criterion II  
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S. No	Academic Year	Smart India Hackathon		Mapathon		Toycathon	
		No. of students Participated	No. of students benefited	No. of students Participated	No. of students benefited	No. of students Participated	No. of students benefited
1	2021-2022	180	18	251	55	153	24
2	2020-2021	72	18	NA	NA	NA	NA

S. No	Academic Year	TECHgium		Quest Ingenium		Flipkart		Final Year Projects
		No. of students Participated	No. of students benefited	No. of students Participated	No. of students benefited	No. of students Participated	No. of students benefited	No. of students benefited
1	2021-2022	93	8	516	4	216	4	1190
2	2020-2021	571	16	482	4	172	4	1111
3	2019-2020	-	-	-	-	-	-	1166
4	2018-2019	-	-	-	-	-	-	1209
5	2017-2018	-	-	-	-	-	-	1285

Principal  
PRINCIPAL

Hindusthan College of Engineering & Technology  
COIMBATORE - 641 032



**Criterion II  
Teaching-Learning and Evaluation**

**SMART INDIA HACKATHON**

Smart India Hackathon is a nationwide initiative to provide students a platform to solve some of pressing problems we face in our daily lives, and thus inculcate a culture of product innovation and a mind-set of problem solving. Smart India Hackathon was jointly organized by Ministry of Human Resource Development, MHRD Innovation Cell, All India Council for Technical Education, Persistent and i4c Lab.

SIH 2020 Software Edition Grand Finale - Nodal Center during 1st August 2020 to 3rd August 2020

A Grand Finale of Smart India Hackathon 2020 (Software Edition) was conducted in our college from 01.08.2020 to 03.08.2020 virtually. A total of 24 teams from all over India participated under 6 problem statements. Each team consists of 6 students and 2 mentors. A panel of 18 juries evaluated the teams and one team was selected as winner from each problem statement. Winners was awarded Rs. 1,00,000 per problem statement by Problem Statement (PS) creator organization.



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HINDUSTHAN EDUCATIONAL AND CHARITABLE TRUST



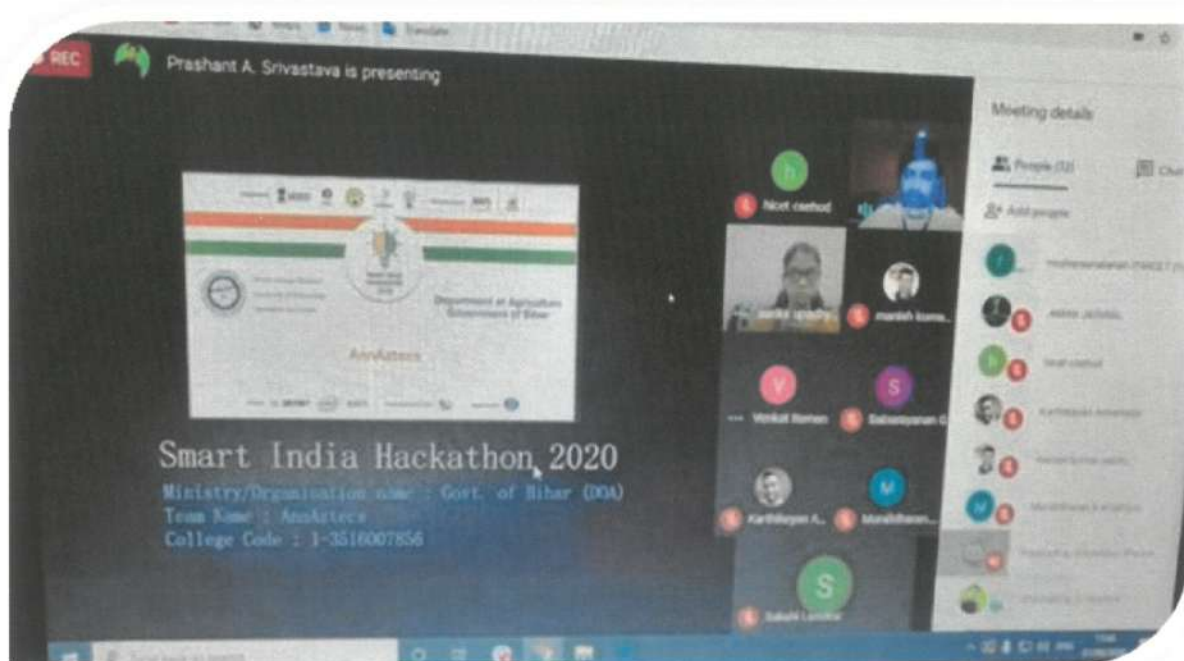
SMART INDIA HACKATHON



Smart India Hackathon- SIH 2020- Grand Finale-Virtual Mode Nodal Center - HICET



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Teaching-Learning and Evaluation



Presentation in SIH 2020



Student Participation in SIH 2020



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**STUDENT PARTICIPATION IN SIH**

Our students participated in Smart India Hackathon and got shortlisted for finalist in SIH Grand Finale 2021 & 2020

**Title:** Training Athletes using AR and VR – SCMS School of Technology

**Team Details:**

S.No.	Team Members Name
1	Mr V Sairaam
2	Mr N Aravind Subramanian
3	Mr C Babiyan Clement
4	Ms R Dheiva Brathyangra
5	Mr B Santhosh Gopi
6	Mr K Santhosh
7	Dr D Satheesh kumar (MENTOR)
8	Ms M Indirani, (MENTOR)



SIH 2021 at SCMS School of Technology



**Criterion II**  
**Teaching-Learning and Evaluation**

**Title:** Android App for Geo-Tagging Location of Wildlife in Forest Areas - Dr. B R Ambedkar Institute of Technology

**Team Details:**

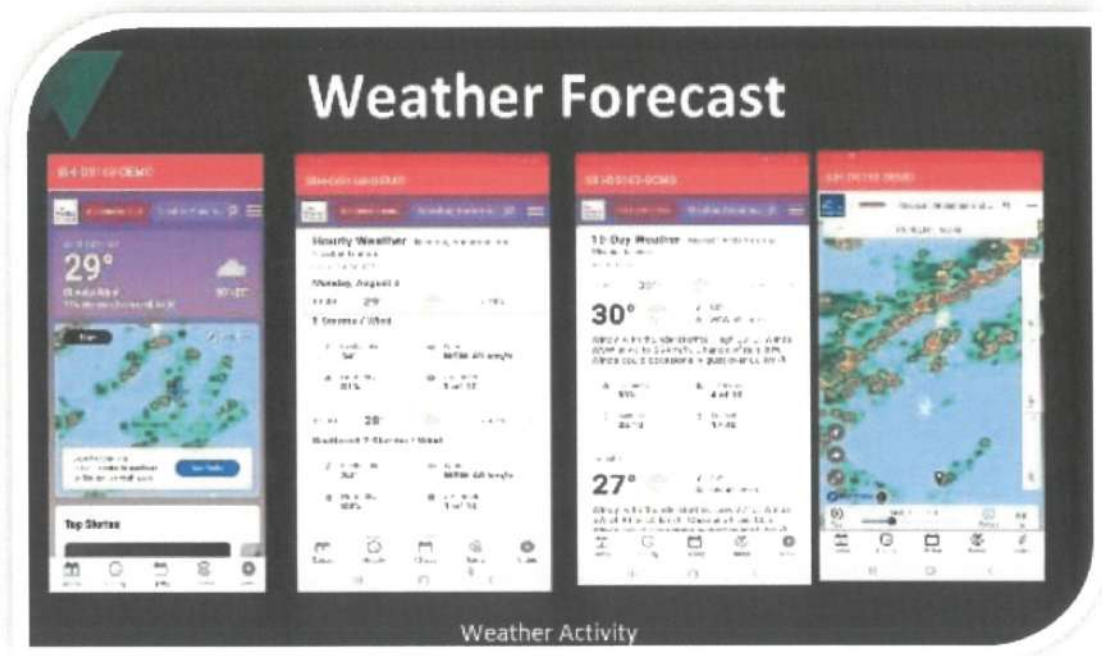
S. No	Team Members Name
1	GNANA DEXTOR A
2	DINESH KUMAR V
3	BALAJI K
4	GOWSALYA K B
5	KARAN RAJ V S
6	KARTHIVEL K
7	Mr R JAYARAJ (MENTOR)
8	Dr S SHANKAR (MENTOR)



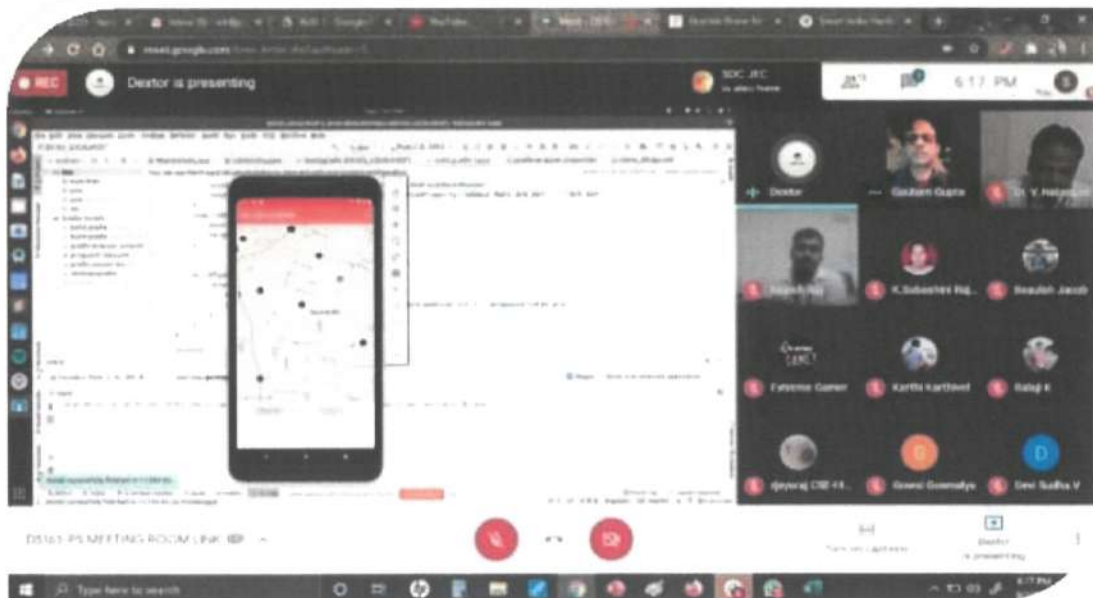
**Project Demo at SCMS School of Technology**



Criterion II  
Teaching-Learning and Evaluation



Geo Tagging - Problem Statement of Team – in SIH 2020 at Dr B R Ambedkar Institute of Technology



Project Presentation in SIH 2020 at Dr B R Ambedkar Institute of Technology – Virtual Mode





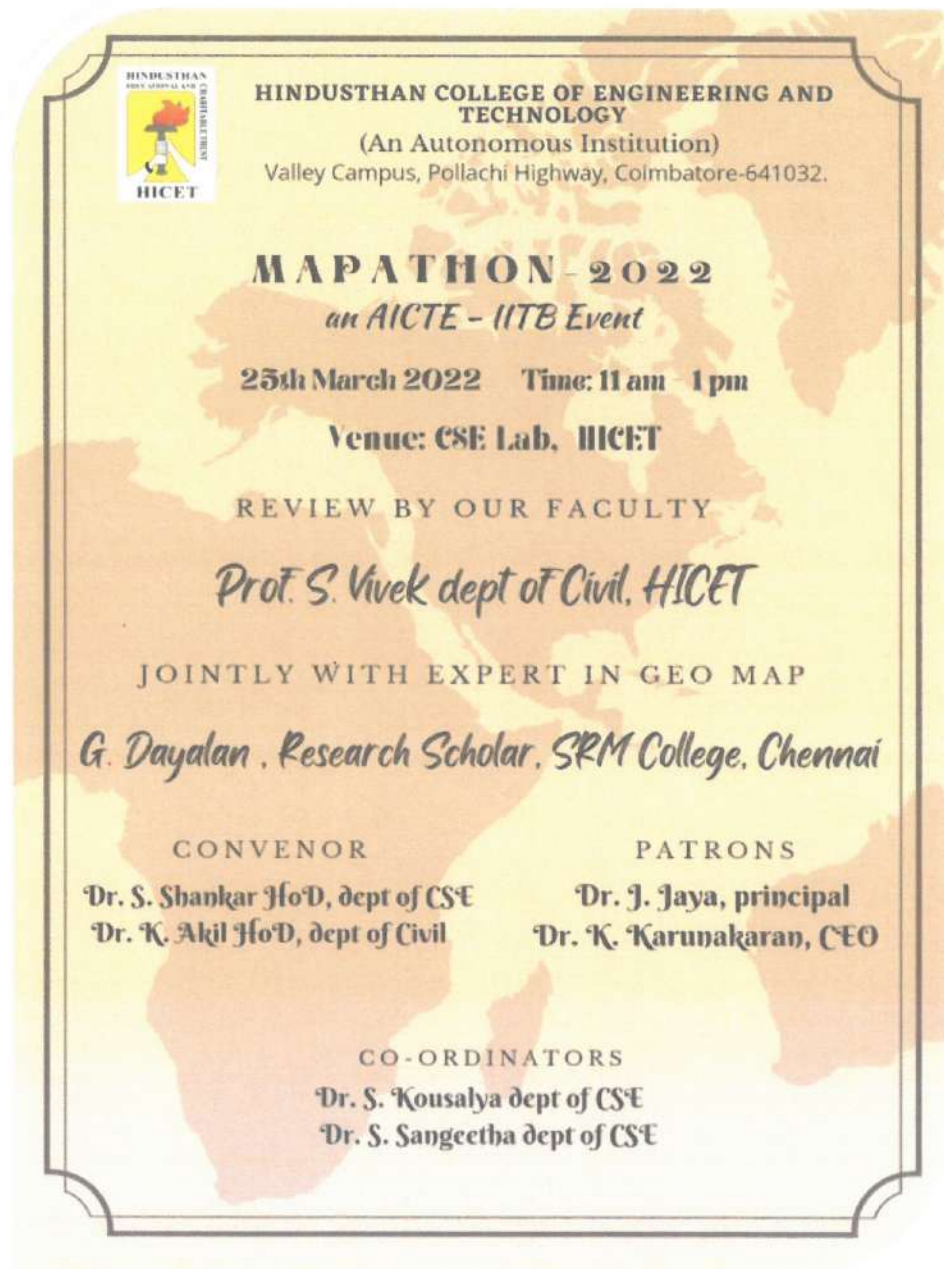
**Criterion II  
Teaching-Learning and Evaluation**

**MAPATHON**

Mapathon is a map making competition for creating thematic maps. It is a collaborative event where participants come together to develop new tools / methods that improve the accuracy and usefulness of maps for a community. This event, organized jointly by IIT Bombay and AICTE invites all Indians nationals to develop maps from openly available geospatial datasets using Free Open Source Software (FOSS), for example QGIS, in order to foster large scale usage of maps in different thematic areas. It also aims to develop indigenous capacity to customize and employ mapping to resolve societal challenges and create new opportunities for young India. The primary objective is to understand the potential of open source mapping and maps for Indian regions and to build capacity for the same. The participants will collectively work in a crowd sourcing method for jointly producing thematic maps of India.



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HINDUSTHAN COLLEGE OF ENGINEERING AND  
TECHNOLOGY  
(An Autonomous Institution)  
Valley Campus, Pollachi Highway, Coimbatore-641032.

**MAPATHON - 2022**  
*an AICTE - IITB Event*

**25th March 2022 Time: 11 am - 1 pm**  
**Venue: CSE Lab, HICET**

REVIEW BY OUR FACULTY  
*Prof. S. Vivek dept of Civil, HICET*

JOINTLY WITH EXPERT IN GEO MAP  
*G. Dayalan, Research Scholar, SRM College, Chennai*

CONVENOR  
Dr. S. Shankar HoD, dept of CSE  
Dr. K. Akil HoD, dept of Civil

PATRONS  
Dr. J. Jaya, principal  
Dr. K. Karunakaran, CEO

CO-ORDINATORS  
Dr. S. Kousalya dept of CSE  
Dr. S. Sangeetha dept of CSE

Mapathon 2022 - Invitation



**Criterion II  
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**List of participants in Mapathon 2022**

S.No.	Team ID	Team Name	Team Lead	Team Members	Project Title
1	Mapathon 1190	The iMeritians	Subhankar Naskar	-	Flood Susceptibility Zone Mapping Using AHP (Analytic Hierarchy Process) Uttara Kannada, Karnataka
2	Mapathon 1484	Naksha	Akruti Murhekar	-	Assessment of impact of rising temperature on land surfaces
3	Mapathon 0124	Individual	Sakshi Bajpai	Sakshi Bajpai	Mapping Forest Fire Burnt Areas in Pauri Garhwal District,
4	Mapathon 0505	Astron	Gnana Roshan J	Mr.J. Gnana Roshan, Mr.D. Gobisilambarasan	Map of waste segregation and collection points
				Mr.K. Gowtham, Mr.M.Akash	
5	Mapathon 0474	Future Cartographer	Mohammed Faizan O	-	Climate Change Impacts on Erosion and Sedimentation on World's Largest Riverine Island
6	Mapathon 0764	GIS	Moumita Ghorai	Moumita Ghorai	Vegetation Canopy Density Map (East Singbhum)
7	Mapathon 0907	Geospatial Tribus	Rachana Bhimaji Gaikwad	-	Multi-Criteria Flood Vulnerability Assessment of Kolhapur District India
8	Mapathon 1187	-	Subhadeep Nayak	-	Land Suitability Map for Industrial Development - Jajpur District
9	Mapathon 1581	Axis	Vemuri Lakshmi Priyamvada	Deepti Gupta, Anshveer Singh	Healthcare Indicator Analysis of Madhya Pradesh
				Bhatia	
				Archit	

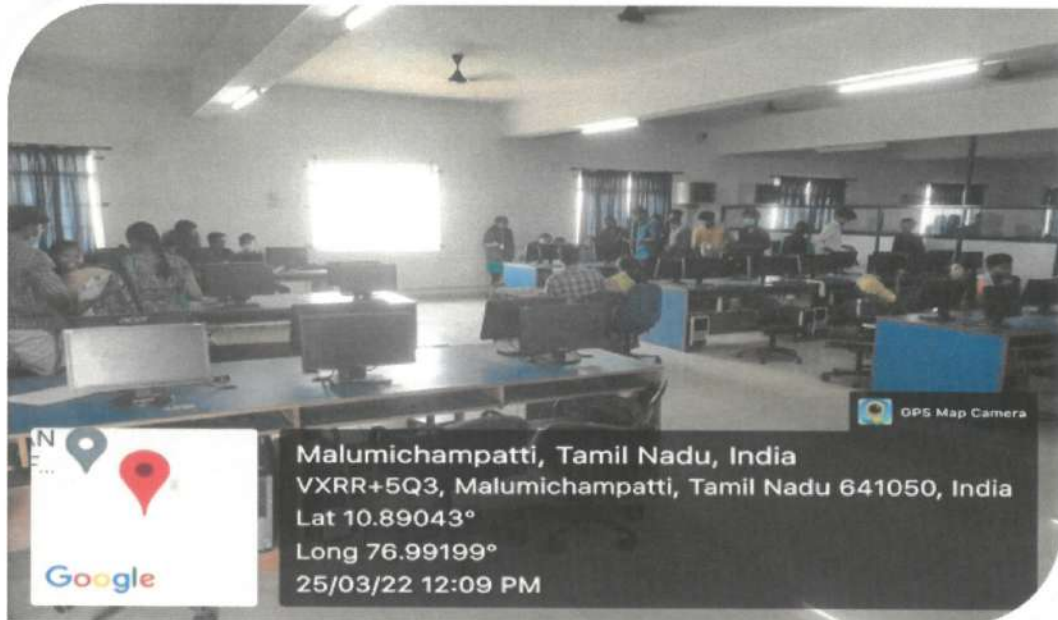


**Criterion II  
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10	Mapathon 1486	Lakshya	Salka Khan	-	Temporal Changedetection of land use land cover pattern
11	Mapathon 0860	-	Umesh Prakash, Potekar	-	Landslide Susceptibility Mapping of Ratnagiri
12	Mapathon 1279	The Green, The Blue, The Grey	Vinaya Thakur	-	The Green, The Blue, The Grey.
13	Mapathon 1307	Orion	Vishal Prasad	Riya Sethia	Covid 19 Vaccination disparity between urban and rural India
14	Mapathon 0182	Geosky	Abhijit Sambhaji Patil	Shobha N. Lohar, Sachin S. Panhalkar, Sudhir K.Powar	Forest Fire Susceptibility Mapping using FR Model
15	Mapathon 1485	Rachna	Apoorv Agrawal	-	Assessment of Change in Settlement Hierachy
16	Mapathon 0315	Cloudous	Badal Mohanty	-	Area change of coastal blocks of Odisha between 1973 and 2020 due to coastal dynamic
17	Mapathon 0780	Umam-Assac	Mustak Ali	ER. Utpal Sarma, Mustak Ali, Amlan Saikia, Monisha Das	Mapping and Quantifying the Impact of COVID-19 induced Lockdown on Eco-Sensitive Zone Deeper Beel
18	Mapathon 0017	Laxman Das SL	Vishnu V S	-	Analysis of changes in Landuse and Landcoverpattern at an urban area
19	Mapathon 0080	Mapdustry 4.0	Akash Kannan K	-	Water Bodies and open spaces in Madurai
20	Mapathon 0082	Cartographer s Pro	Balasubramania n S.	Priyadharshini M, Jayashree S,	Change Detection Of Velachery Lake Using Liss 3 Satellite Data



**Criterion II  
Teaching-Learning and Evaluation**



**Project Demo Presentation in Mapathon 2022**



**Teams Participated in Mapathon 2022**

**Criterion II  
Teaching-Learning and Evaluation**

**TOYCATHON**

India, despite being a home of many globally popular games like Chess, Ludo, Snakes and Ladders, is not among leading developers and manufacturers of toys.

Under the 'AatmaNirbhar Bharat Abhiyan' initiated by our Hon'ble Prime Minister, Shri. Narendra Modi, Toycathon is conceived to challenge India's innovative minds to conceptualize novel Toy and Games based on Bharatiya civilization, history, culture, mythology and ethos.

Toycathon is an inter-ministerial initiative organized by Ministry of Education's Innovation Cell with support from All India Council for Technical Education, Ministry of Women and Child Development, Ministry of Commerce and Industry, Ministry of MSME, Ministry of Textiles and Ministry of Information and Broadcasting.

Currently, India's toy market stands at around 1.5 Billion USD, which primarily is dominated by imported toys. Moreover, majority of these toys do not represent Indian heritage, civilization and value systems.

Toycathon is a unique opportunity for Students, Teachers, Start-ups and Toy experts/professionals in India to submit their innovative toys/games concepts and win large number of prizes worth Rs. 50 lakhs.





Hindusthan College of Engineering and Technology  
Coimbatore 641 032

NAAC  
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Cycle 2

Criterion II  
Teaching-Learning and Evaluation



**HINDUSTHAN**  
College of Engineering and Technology

An Autonomous Institution  
Approved by AICTE, New Delhi, Affiliated to Anna University, Chennai,  
Accredited with "A" Grade by NAAC and NBA. Coimbatore - 641032.



Department of Mechanical Engineering

**CONGRATULATES  
and  
WISHING YOU GOOD LUCK**

To the short listed students for their innovative ideas  
in the grand finale  
of



Organized by the Ministry of Education in  
Collaboration with AICTE

**TEAM**

**HICET RISHI TOY & HICET HEALTHY HOME TOY**



**Dr. P. Jeyalakshmi**  
Mentor



**Mr. P. Rathish**  
Team Leader



**Mr. G. Suhas**  
Member



**Mr. L. Raveen**  
Member



**Mr. M. Shyam Sundar**  
Member





Criterion II  
Teaching-Learning and Evaluation

2/8/23, 12:26 PM

Hindusthan College of Engineering and Technology Mail - Fwd: Confirmation as Nodal Center for Physical Toycathon-2021 from 0...



P.JEYALAKSHMI HICET STAFF MECH <jeyalakshmi.mech@hicet.ac.in>

Fwd: Confirmation as Nodal Center for Physical Toycathon-2021 from 04-06 October 2021.

MECH HOD MECH <mechhod@hicet.ac.in>

5 August 2021 at 12:39

To: "Y.RAS MATHEW HICET STAFF MECH" <rasmathew.mech@hicet.ac.in>, "P.JEYALAKSHMI HICET STAFF MECH" <jeyalakshmi.mech@hicet.ac.in>, "D.AMALRAJU HICET STAFF MECH" <amalraju.mech@hicet.ac.in>

----- Forwarded message -----

From: Puneet Pahwa <startupfellow6@aicte-india.org>

Date: Thu, 5 Aug, 2021, 12:10 PM

Subject: Confirmation as Nodal Center for Physical Toycathon-2021 from 04-06 October 2021.

To:

Cc: Mohit Gambhir <mohit.gambhir@gov.in>, Shubham Agrawal <startupfellow1@aicte-india.org>, Sadasiba Behera <sadasiba@aicte-india.org>, Sarim Moin <innovationofficer2@aicte-india.org>, Dr. Pradyot Koley <ad\_mic@aicte-india.org>

Dear Sir/Madam,

Greetings from the Ministry of Education's Innovation Cell and AICTE.

This is to hereby inform you that Physical Toycathon-2021 is scheduled to be organized from 04<sup>th</sup> to 06<sup>th</sup> October 2021.

As per the previous discussions with MIC-AICTE, the colleges mentioned below are requested to provide confirmation if they are interested to participate as Nodal Centre for conducting this National Level Flagship Program.

Nodal Center Name
Manipal University, Jaipur
National Institute Of Technology Silchar
Shri Shankaracharya technical Campus, Bhilai
Jagan Institute of Management Studies (JIMS Rohini), Delhi
A.D.Patel Institute Of Technology, Anand
Rk University, Rajkot
NMAM Institute of Technology (NITTE) Udupi
Kalpataru Institute Of Technology, Tiptur
St. Albert'S College, Cochin
IIT Palakkad
Jaypee University Of Engineering And Technology, Guna
Acropolis Institute Of Technology & Research, Indore
Thadomal Shahani Engineering College, Mumbai
Dr. DY. Patil Institute Of Technology, Pimpri, Pune
Chitkara University, Rajpura
New Prince Shri Bhavani College of Engineering and Technology, Chennai
Hindusthan College Of Engineering And Technology, Coimbatore
Karunya Institute Of Technology And Sciences, Coimbatore
Sri Krishna College Of Engineering And Technology, Coimbatore
Vellore Institute Of Technology, Vellore

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Criterion II  
Teaching-Learning and Evaluation

2/8/23, 12:26 PM Hindusthan College of Engineering and Technology Mail - Fwd: Confirmation as Nodal Center for Physical Toycathon-2021 from 0...

St. Pious X Degree & Pg College For Women, Hyderabad
National Institute Of Technology Warangal
St. Andrews College, Gorakhpur
Sharda University, Greater Noida

The team mapping along with the officials assigned from MIC and AICTE for smooth coordination and conduct of the event will be shared soon.

Please note the following points:

1. The hackathon will be organized in Physical mode across the nation. More than 63+ nodal centers are selected for organizing this hackathon. The dates finalized for organizing the hackathon is 04-06<sup>th</sup> October 2021 and Prize Money and Winner Declaration on 08<sup>th</sup> October 2021.
2. Each nodal center will manage on average 12-15 teams. The complete hackathon will be conducted under guidelines of Covid-19.
3. Physical Edition will have Physical Ideas, i.e. Toys/Games based on Puppetry, wood, mechanical, electronic, etc.
4. Machinery/Tools Requirement: Equipment such as Electronic Prototyping Components, Casting materials, Programming Boards, Hard Prototyping Materials, Soft Prototyping Materials, 3D printer, Soldering Station, Laser Cutter (acrylic), Milling Machine, Hand & Power Tools CNC Machine, Bolt Threading Machine, Lathe Shaping Machine, Woodworking Machinery, General Plastic Working Machinery.
5. Guidelines for conducting the physical edition will be shared after the confirmation from the Nodal Centre. Requirements to be carried pro bono by NC:
6. Accommodation facilities/Food Arrangements/Nearby Pickup (if required):  
Accommodation will be required for the teams, mentors and judges coming from a longer distance and most of the teams, mentors and judges will be assigned from local parameters i.e. nearby to the nodal centres which will not be requiring any accommodation. Accommodation facilities for Boys and Girls to have separate hostels (maintaining social distancing).  
Food Arrangements are necessarily required for participating teams, mentors and judges.

**Note: Please revert this email thread positively regarding the confirmation for conducting Physical Toycathon-2021 from 04-06<sup>th</sup>October2021 at your Nodal Centre with your name/destination/college name by 09/08/21.**

-

Regards | सादर

Puneet Pahwa | पुनीत पाहवा

Innovation Cell | नवाचार प्रकोष्ठ

All India Council For Technical Education | अखिल भारतीय तकनीकी शिक्षा परिषद

Room No - 326, 3rd Floor | AICTE HQ, Nelson Mandela Marg, Vasantkunj, New Delhi | कमरा नंबर - 326, 3 वीं मजिल |

एआईसीटीई मुख्यालय, नेल्सन मंडेला मार्ग, वसंतकुंज, नई दिल्ली

Ph No | दूरध्वनी : 0112958 1326, Website | वेबसाइट : mic.gov.in, aicte-india.org

Mail | मेल : startupfellow6@aicte-india.org



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Criterion II  
Teaching-Learning and Evaluation

S.No	Student Members Name	Team Name	Email -ID	Phone Number	Title of the Project	Faculty Mentor Name
1	S G Subhaa (Team Leader)	HICET Student	19110092@hicet.ac.in	9791277224	Wheeler-A-Seeker	Mr.N Ilayaraja Assistant Professor/ IT/HICET
	G Sivagama sundari		19110086@hicet.ac.in	9361400731		
	G Shiny mary		19110084@hicet.ac.in	6382875897		
2	Lakshmana Kumar G ((Team Leader)	HICET 19B	19110048@hicet.ac.in	8220344179	Harvesta with Vedic - Digital Game	Ms.P.Anitha Assistant Professor/ IT/HICET
	Gerald Ruban J		19110026@hicet.ac.in	8903778746		
	Charan N		19110017@hicet.ac.in	9952533707		
	Abdul Kareem J		19110002@hicet.ac.in	9150365144		
	Avinesh S		19110010@hicet.ac.in	9360259187		
3	Souravdas K M (Leader)	HICET mech boys	souravdaskm354@gmail.com 18108143	8943645960	Surya Namaskar Guru Toy	Mr.D.Amalraju Assistant Professor Mechanical Dept HICET
	J.Sam Morris		18108134@hicet.ac.in	9809212307		
	Sharaf Amen Firoz		sharafamen@gmail.com 18108141	6282665646		
	Rahul Prasad R B		rahulprasadb11@gmail.com 18108120	8086713648		
	Sreeram Karipurath		srknowsu.sk@gmail.com 18108144	9656047001		
4	P. Ratheesh (Team Leader)	HICET RISHI TOY	ratheeshpalani@gmail.com 17108121	9597831076	Ancient Rishi toy	Dr. P. Jeyalakshmi, Professor, Department of Mechanical Engineering, HICET
	M. Shyam Sundar		shyam29mech@gmail.com 17108146	8608059469		
	L. Raveen		raveenlamara2@gmail.com 17108122	9629616050		



**Criterion II  
Teaching-Learning and Evaluation**

	Suhas MG		sahasprnzz@gmail.com 17108158	9842324603		
5	P. Ratheesh (Team Leader)	HICET Healthy Home Toy	ratheeshpalani@gmail.com 17108121	9597831076	Eco friendly Home	Dr. P. Jeyalakshmi, Professor, Department of Mechanical Engineering, HICET
	M. Shyam Sundar		shyam29mech@gmail.com 17108146	8608059469		
	L. Raveen		raveenlamara2@gmail.com 17108122	9629616050		
	Suhas MG		sahasprnzz@gmail.com 17108158	9842324603		
6	Karthik MR (Team Leader)	ZUE	karthikmr2002@gmail.com 19109023	8667700382	Go-Eco Is A Digital App .So ,We Have Come Up With The Idea of Creating An Application For Computing	Mr.M.KUMARESAN ASSISTANT PROFESSOR/MCT HICET
	Shivani S		Shivanisai3000@gmail.com 19110085	6374054400		
	Sanchana.G.S		sanchanasenthil0307@gmail.com 19110113	6385264915		
	Mahakrishnan.T		vikipop187@gmail.com 19109030	8870795518		
	Joel.S		joeldurai.dj123@gmail.com 19109022	8825620980		
	Rifhath Rizan Mohammed Rabeek		rifhathrizan.011@gmail.com 19106096	7708850655		





**Criterion II  
Teaching-Learning and Evaluation**

**TECHgium**

TECHgium is an open innovation competition which provides students an opportunity to work on major engineering challenges being faced by the industry today. The initiative was first launched by LTTS in 2016. The primary objective of the initiative is to ignite young minds and provide exposure to real challenges faced by the global industry, thereby making it more than just a project or a challenge. Through this platform, students will get an invaluable opportunity to work on futuristic technologies and augment the solution development team of LTTS, while getting recognized as a TECHgium® innovator. Importantly, LTTS is helping build a talent pool who will bring a practical solutions mindset to the industry and not limit it just to theory. Supporting them would be the faculty and top industry experts, thereby exposing them to the industry early in their career.

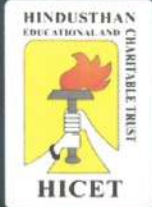




**Hindusthan College of Engineering and Technology  
Coimbatore 641 032**

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**Hindusthan**  
**College of Engineering and Technology**  
*(An Autonomous Institution), Coimbatore -641032*



**TECHgium**  
Engineering Innovators for Tomorrow

***Congratulations !***

***Project Titled***

***Failure evaluation of the bolted joint using component based Finite Element Method (CBFEM)***

***Selected for the Second Round of Project Presentation in Techgium 2021 organized by L&T, Bangalore***

***Guide : Dr.Ganesh, Prof/AERO***



**Mahalakshmi A  
IV - AERO**



**Dharshini Devi T R  
IV - AERO**



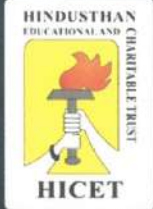
**Anaga  
Udayakumar K  
IV - AERO**



**Preethi R  
IV - AERO**



Criterion II  
Teaching-Learning and Evaluation



**Hindusthan**  
College of Engineering and Technology  
(An Autonomous Institution), Coimbatore -641032



**Congratulations !**

*Project Titled*

*Espionage RPAs with Fortification system*

*Selected for the Second Round of Project Presentation  
in Techgium 2021 organized by L&T, Bangalore*

**Guide : Mr.M.Mageshkumar, AP/AERO**



Sharusri K  
IV - AERO



Vyshnavi  
Krishnamoorthy  
IV - AERO



**Criterion II  
Teaching-Learning and Evaluation**

S. No.	Name of the Mentor and Mobile number	Name of the Batch Students	Name of the Domain	Title of the Challenge applied
1	Dr. Suresh babu	1.ANTARO SHYLA 2.BHARATH KUMAR S 3.JANINE ROHAN L 4.JEEVAVARSINI P	Others	Localizing presence of ego - object / person on a multiple floor building
2	Dr.Baskar	IMMANUVEL B S MOHAMED BERAN J MOHAMMED SHARFUDEEN S SANGEETHA V	Sustainability	Conversion of carbon dioxide into potential liquid fuel - methanol.
3	Dr. Suresh babu	HARISH S MONISH M SANTHOSHPERUMAL J THARUN LAL P M S	Sustainability	Wireless RF power transfer for remote places 200 meters with good efficiency
4	Ms.Vanitha	DINESHKUMAR K NAVEEN KUMAR N VIGNESH BHASKAR V THANAVEER KOWSIK	Digital Products and AI	Image to text interactive model for PDF documents
5	Mr.T.Anandaselvakarthish	MANIKANDAN S KAVIYADEVI M KOUSHIKA M	Med Tech	RF Energy Harvesting - Implants.
6	Mr.T. Anandaselvakarthish	1.ASHITHA PARVEEN N H 2.BINDUSHREE M 3.JOHN JOSEPH D 4.KIRUBHAKARAN R	Electric - Autonomous and connéted vehicle	De battery charging Kit for EVS under running condition to avoid wait period charging at stations
7	Dr.A.Udhayakumar	MOHAMMED ANAZ T SYED ANAS A SREEKESH P VARSHINI A L	Sustainability	Economical and simple process to remove paints from plastic parts in automotive application
8	Mr.T.Boobalan	ROCKY R SANTHOSH S MOHAN KUMAR S SENTHAMIZHSELVAN S	Electric Autonomous and Connected Vehicle	DC Kit Battery Charging for EVS under condition do avoid wait period at running charging stations.
9	Mrs.T.Nivethitha	1.SHRI MANJU REKHA K 2.GOKUL D 3.RAGHUL PRASANTH M 4.RAGHURAM M	Others	Battery less TPMS
10	Mrs.T.Nivethitha	1.SARATHAARTHIYAN P 2.RANJITH K 3.SHERINEGLAUDIA S 4.VASANTHA KUMAR S	Med Tech	A Wearable and Non-Invasive sensor continuous Glucose monitoring
11	Ms.Vanitha	1.THABSHEER ALI BIN BASHEER 2.SONU K ACHENKUNJU 3.SUPRAJ V S 4.NOUJAHAN B	Sustainability	Bioplastic Materials for consumer goods packing.



Criterion II  
Teaching-Learning and Evaluation

12	Ms.Menakadevi	1.ARAVINTH P 2.DHANUCITH S N 3.BALAJI G 4.KARTHIKEYAN V	Electric Autonomous and connected Vehicle	Space Volume estimation of Lidas point cloud.
13	Dr.A.Udhayakumar	1.SANTHOSH K 2.TAMILSELVAN B 3.VIMAL J 4.SIRANJEEVI K	Digital products and AI	Speech recognition solution for commands







**Criterion II  
Teaching-Learning and Evaluation**

**Quest Ingenium**

Quest Global is in the business of engineering, but what we're really building is a brighter future. We believe engineering has the unique opportunity to solve the problems of today that stand in the way of tomorrow. For over ten years, exponentially curious young minds have floored engineering professionals across the globe by presenting their work for Quest Global's annual Ingenium engineering competition.

Through our flagship engineering competition, Quest Global endeavors to provide a platform to the budding engineers across diverse streams of engineering. It is a prominent career launching program that helps students realize their truest potential. Quest Global Ingenium is now open for registration. Showcase your humble genius by submitting your solutions today.



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**Hindusthan**  
College of Engineering and Technology  
Coimbatore -641032



**Congratulations**



*Project Titled*

*SMART CARZ-Prognostic Predictive Remote Health  
Monitoring System for Vehicles*

*Selected as Top 30 Finalists in Quest Ingenium 2021  
Organized by Quest Global, Bangalore*

**Guide : Dr.P.Vijayalakshmi, Prof & Head /ECE**



Gowsik .p  
IV - ECE



Alagusundaram  
IV - ECE



Immaculate  
pavithra  
IV - ECE



Amreen  
IV - ECE



**Criterion II  
Teaching-Learning and Evaluation**

**Flipkart's GRiD**

GRiD is Flipkart's Flagship Engineering Campus Challenge which provides you the opportunity to apply your technical knowledge and skills, to compete and complete key challenges.

In its third edition, Flipkart GRiD becomes bigger & better, bringing Live Problem Statements from the world of E-Commerce to the brightest minds of India and lets you put your capabilities to the ultimate test.

So are you ready to enter the GRiD?

Stages:

The third edition of GRiD will have three distinct tracks for participants to choose from:

1. Software Development Track
2. Information Security Track
3. Robotics Track

Each track will have multiple elimination rounds to test you on your technical, analytical, and ideation skills before the Grand Finale where the finalists will get to present their solutions to the panel of domain experts at Flipkart.

Eligibility: This competition is open to students pursuing B.Tech/B.E./M.Tech programs across ALL engineering colleges in India (Batch 2022, 2023, 2024 & 2025).

Note:

One team or student can only register in either Software Development or Information Security Challenge.

Robotics Challenge is open for all students and teams including those who have already registered for either Software Development or Information Security Challenge.



**Criterion II  
Teaching-Learning and Evaluation**

The batch of 2021 is not eligible to participate in this competition.

What's at stake - Rewards and Prizes?

Attractive prizes to be won along with PPIs for Tech Internships and Full-Time offers.

Prize pool of INR 6,00,000 is to be won

Top Teams from each track will get GRiD goodies!

PPI opportunities, tech internships, and a chance to appear for Flipkart Hiring Process to all top-performing students

Certificate of Merit to the top-performing teams in each track



Criterion II  
Teaching-Learning and Evaluation



Team beta copter won the second prize and cash voucher prize of **Rs. 75,000** in national level Flipkart 4.0



Criterion II  
Teaching-Learning and Evaluation

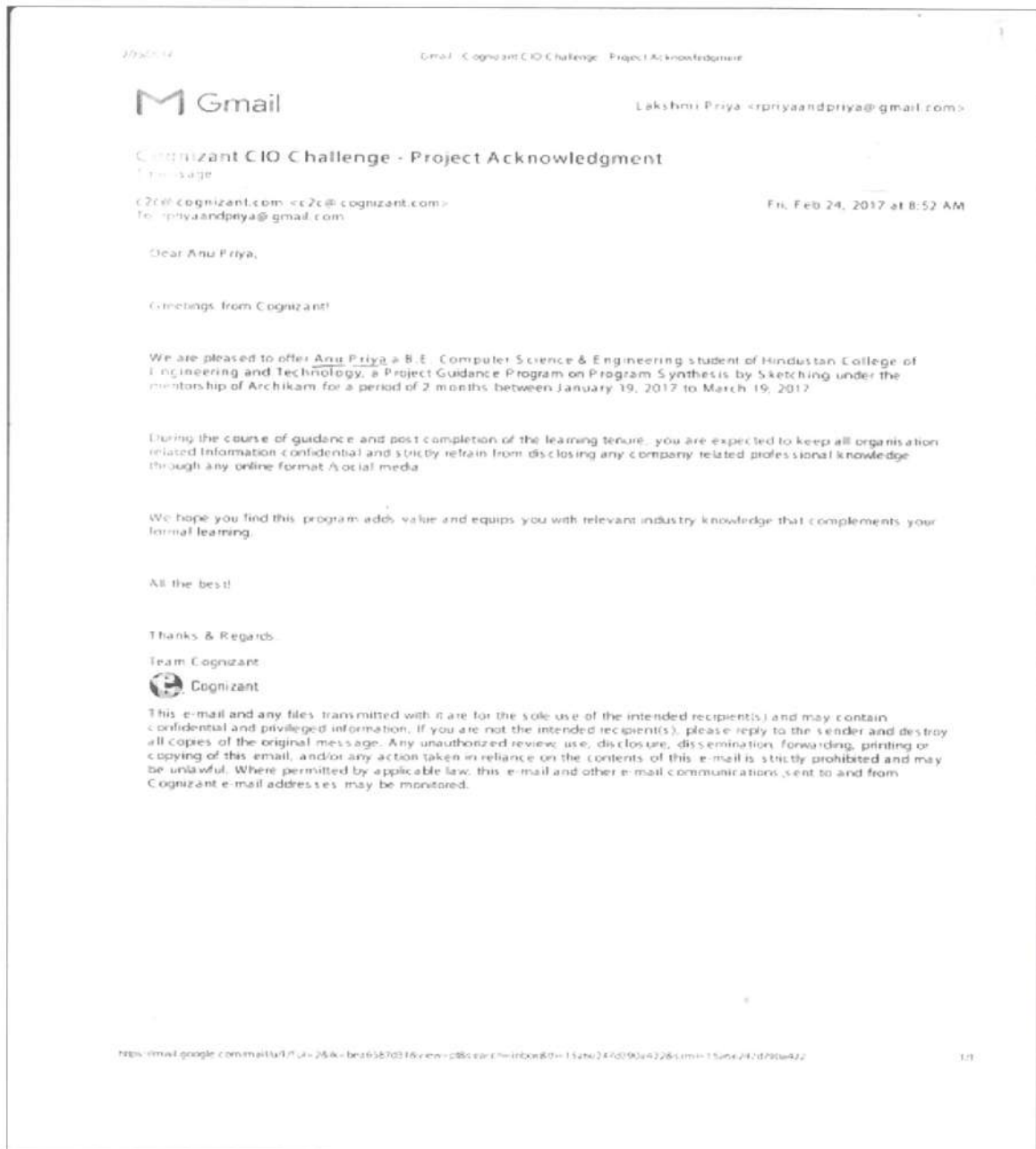


Team of Betacopter won **2<sup>nd</sup> Prize** in Flipkart Grid National level competition.



Criterion II  
Teaching-Learning and Evaluation

Proof of Projects Completed by students under various IT Companies



Criterion II  
Teaching-Learning and Evaluation



Date: 31-March- 2017

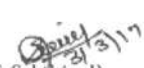
CERTIFICATE OF COMPLETION

This is to certify that the following final year **COMPUTER SCIENCE AND ENGINEERING** students from **HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY**, Coimbatore, has successfully completed their project under the title of **"BRAIN TUMOR SEGMENTATION BASED ON BOUNDING BOX AND SVM IN MRI IMAGES"** using MATLAB Technology in our organization from Jan 2017 to March 2017.

- |                 |                |
|-----------------|----------------|
| 1. AMALA Su     | (720713104007) |
| 2. ANUPRIYA S.R | (720713104014) |
| 3. GOPIKA R     | (720713104045) |
| 4. GOWSIKA R    | (720713104046) |

Thanking you

**BRAINRICH TECHNOLOGY**  
6/1, Selvanayake Complex 1st Floor,  
Gokhale Street Ram Nagar,

  
(S. Sakthivel)  
Project Manager

6/1, Selvanayagi Complex, 1st Floor, Gokhale Street, Ramnagar  
Gandhipuram Coimbatore - 641009      Web [www.brainrichtech.com](http://www.brainrichtech.com)  
Mobile 9894604623      Mail [info@brainrichtech.com](mailto:info@brainrichtech.com)  
Phone 0422 4377414      [brainrichtech@gmail.com](mailto:brainrichtech@gmail.com)





Criterion II  
Teaching-Learning and Evaluation



15, Meena Estate Hind Street, Sowripalayam Road, Puliakulam, Coimbatore - 641 028  
Mobile : 90951 18988, Email : info@vijayssoftsystems.in, Website : www.vijayssoftsystems.in

05.04.2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the following Final Year BE COMPUTER SCIENCE AND ENGINEERING students from HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, COIMBATORE has successfully completed project in our com.cem under the title of "SECURED ROUTING IN HETEROGENEOUS WIRELESS MESH NETWORKS" during the period from JANUARY 2017 TO APRIL 2017.

STUDENTS NAME

- |               |                |
|---------------|----------------|
| 1. GAYATHRI   | (720713104040) |
| 2. GOWTHAMI   | (720713104048) |
| 3. JANANI     | (720713104050) |
| 4. HARINI R U | (720713104305) |

For VIJAY SOFT SYSTEMS

VIJAY SOFT SYSTEMS  
15, Meena Estate Hind Street  
Sowripalayam Road, Puliakulam  
COIMBATORE-641 028  
MANAGER



Criterion II  
Teaching-Learning and Evaluation

u.n.i.q technologies



NASSCOM  
Member



04<sup>th</sup> April 2017

CERTIFICATE OF COMPLETION

This is to certify that following Final year **COMPUTER SCIENCE AND ENGINEERING** students from **HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY**, Coimbatore, has successfully completed their project under the title of "**ENTRY RESTRICTION SYSTEM FOR FAKE SERVER SCHEME**" using Network Security Technology in our Organization from January 2017 to April 2017.

NAME	REG.NO
E.AKILA	720713104004
P.ANBUSELVI	720713104010
P.ANUSUYA	720713104302

Thanks and Regards,



#1 Shifa Arcade, Bharathi Nagar 1st Street, North Usman Road, T-Nagar, Chennai – 600 017.

044 - 42124943 | 95000 88927 | 96001 14466 | info@uniqtechnologies.co.in

www.uniqtechnologies.co.in



Criterion II  
Teaching-Learning and Evaluation



No.134, 2nd Floor, 4th Street,  
Opp to Hotel Gowrishankar,  
Gandhipuram, Coimbatore - 641012.  
Ph : +91 422-4349207 | +91 9600 984 984  
Email : info@abiletechnologies.com

Date: 03.04.2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the following students pursuing **BE(CSE) Final year** at, **Hindusthan College of Engineering & Technology**, has successfully completed their academic project work entitled as **"Personalization Point Of Interest Travel Sequences Recommendations By Mining People Attribute"** in our concern for the period starting from December 2016 to April 2017.

Abinaya R	(Reg. No: 720713104002)
Anitha D	(Reg. No: 720713104011)
Asha Nihara A	(Reg. No: 720713104023)
Dhivya Lakshmi S	(Reg. No: 720713104036)

We wish all the best for his future endeavours

For Abile Technologies,

(HR-Management)

  
**ABILE TECHNOLOGIES**  
134, 2nd Floor, 4th Street,  
Opp To Hotel Gowrishankar,  
X Cut Road, Coimbatore - 641 012.  
Ph: 0422 4349207, 96000 84984

Software Development | Training | Consultancy | SEO | OutSourcing

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Gandhipuram, Coimbatore - 641012.  
Ph : +91 422-4349207 | +91 9600 984 984  
Email info@abiletechnologies.com

Date: 03.04.2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the following students pursuing BE (CSE) Final year at, Hindusthan College of Engineering & Technology, has successfully completed their academic project work entitled as "Data De-Duplication of Multi User Environment in Cloud Storage" in our concern for the period starting from January 2016 to April 2017.

Ananthi B	(Reg. No- 720713104009)
Aruna Devi T	(Reg. No- 720713104020)
Farhana Begam S	(Reg. No- 720713104038)
Kaleeswari R	(Reg. no- 720713104058)

We wish all the best for their future endeavours.

For Abile Technologies,

(HR-Management)  
**ABILE TECHNOLOGIES**  
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X Cut Road, Coimbatore - 641 012.  
Ph: 0422 4349207, 96009 84984

Software Development | Training | Consultancy | SEO | OutSourcing



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Gandhipuram, Coimbatore - 641012.  
Ph : +91 422-4349207 | +91 9600 984 984  
Email : info@abiletechnologies.com

Date: 03.04.2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the following students pursuing BE (CSE) Final year at, Hindusthan College of Engineering & Technology, has successfully completed their academic project work entitled as "FRDP-Fraud Resilient Device For PayDoor" in our concern for the period starting from January 2016 to April 2017.

Arun Raj	(Reg. No- 720713104022)
Avineesh Kumar KTK	(Reg. No- 720713104025)
Bashkar S	(Reg. No- 720713104027)
Boopathi S	(Reg. no- 720713104303)

We wish all the best for his future endeavours.

For Abile Technologies,

(HR-Management)

ABILE TECHNOLOGIES  
134, 2nd Floor, 4th Street,  
Opp To Hotel Gowrishankar,  
X Cut Road, Coimbatore - 641 012.  
Ph: 0422 4349207, 96009 84984

Software Development | Training | Consultancy | SEO | OutSourcing



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Gandhipuram, Coimbatore - 641012.  
Ph : +91 422-4349207 | +91 9600 984 984  
Email : info@abiletechnologies.com

Date: 03.04.2017

**TO WHOMSOEVER IT MAY CONCERN**

This is to certify that the following students pursuing **BE (CSE) Final year** at, **Hindusthan College of Engineering & Technology**, has successfully completed their academic project work entitled as **"Identity Based Encryption With Outsourced Revocation In Cloud Computing"** in our concern for the period starting from January 2017 to April 2017.

Aarathi .R (Reg. No- 720713104001)

Aishwaryaa .K (Reg. No- 720713104003)

We wish all the best for their future endeavours.

For Abile Technologies,

**Harishankar R**  
**ABILE TECHNOLOGIES**  
**(Director - Operations)**

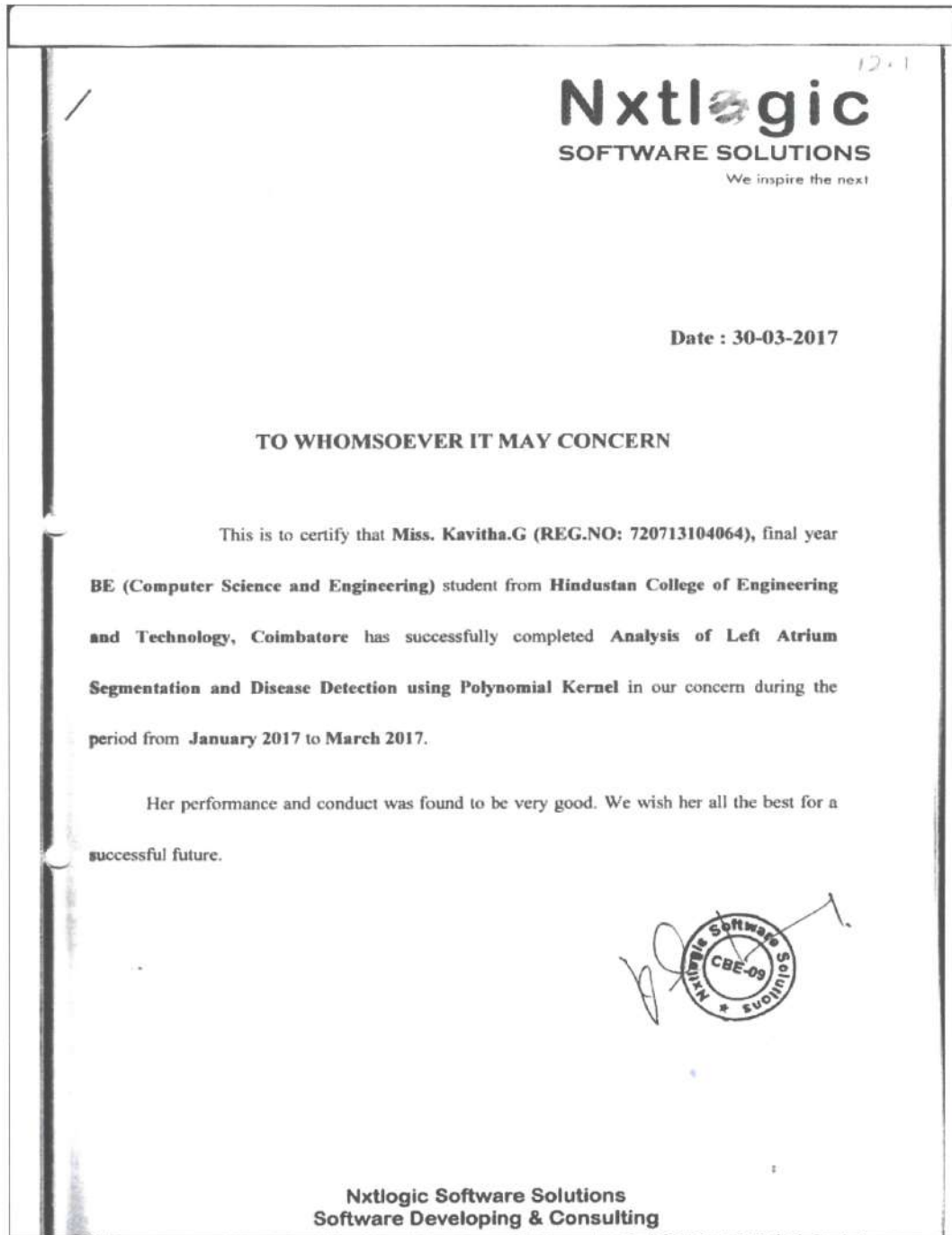
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Criterion II  
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SOFTWARE SOLUTIONS  
We inspire the next

Date : 30-03-2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Miss. Khokhila.P.A (REG.NO: 720713104068), final year BE (Computer Science and Engineering) student from Hindustan College of Engineering and Technology, Coimbatore has successfully completed Analysis of Left Atrium Segmentation and Disease Detection using Polynomial Kernel in our concern during the period from January 2017 to March 2017.

Her performance and conduct was found to be very good. We wish her all the best for a successful future.



Nxtlogic Software Solutions  
Software Developing & Consulting

Peranaidu Layout | Cross Cut Road | Ram Nagar | Gandhipuram | Coimbatore 641 009 | © 0422-4342339 | info@nxtlogic.com





Criterion II  
Teaching-Learning and Evaluation

12/3  
**Nxtlogic**  
SOFTWARE SOLUTIONS  
We inspire the next

Date : 30-03-2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Miss. Nithyapriya.S (REG.NO: 720713104099), final year BE (Computer Science and Engineering) student from Hindustan College of Engineering and Technology, Coimbatore has successfully completed Analysis of Left Atrium Segmentation and Disease Detection using Polynomial Kernel in our concern during the period from January 2017 to March 2017.

Her performance and conduct was found to be very good. We wish her all the best for a successful future.



Nxtlogic Software Solutions  
Software Developing & Consulting

373 | Peranaidu Layout | Cross Cut Road | Ram Nagar | Gandhipuram | Coimbatore 641 009 | 0422-4342339 | info@nxtlogic.com



Criterion II  
Teaching-Learning and Evaluation



PPC0117/JAVA/PROJECT/2016-17

CERTIFICATE

This is to certify that Ms.NACHAMMAI S, Reg No: 720713104091, who is pursuing B.E (Computer Science and Engineering) final year at Hindusthan College of Engineering and Technology, has successfully completed her project titled "SENTIMENT BASED RATING PREDICTION METHOD ON TWITTER DATA" under the guidance of Mr. SURYARAJ S in our organization during 02.01.2017 to 29.03.2017.

Yours truly,  
Pantech ProEd Pvt Ltd,

  
Ananth Kumar  
(Branch Manager)

  
S. SURYARAJ  
(External Guide)

**Pantech ProEd Private Ltd**  
2nd Floor, Sai Sruthi Complex, 3, Ramar Koil Street, Ram Nagar, Coimbatore - 641 009.  
Phone : 0422 - 4506470 E-mail : covai@pantechmail.com [www.pantechproed.com](http://www.pantechproed.com)  
Tamilnadu | Maharashtra | Telangana | Andra Pradesh | Kerala



Criterion II  
Teaching-Learning and Evaluation

Techspine  
olutions

Date: 30-03-2017

TO WHOM SO EVER IT MAY CONCERN

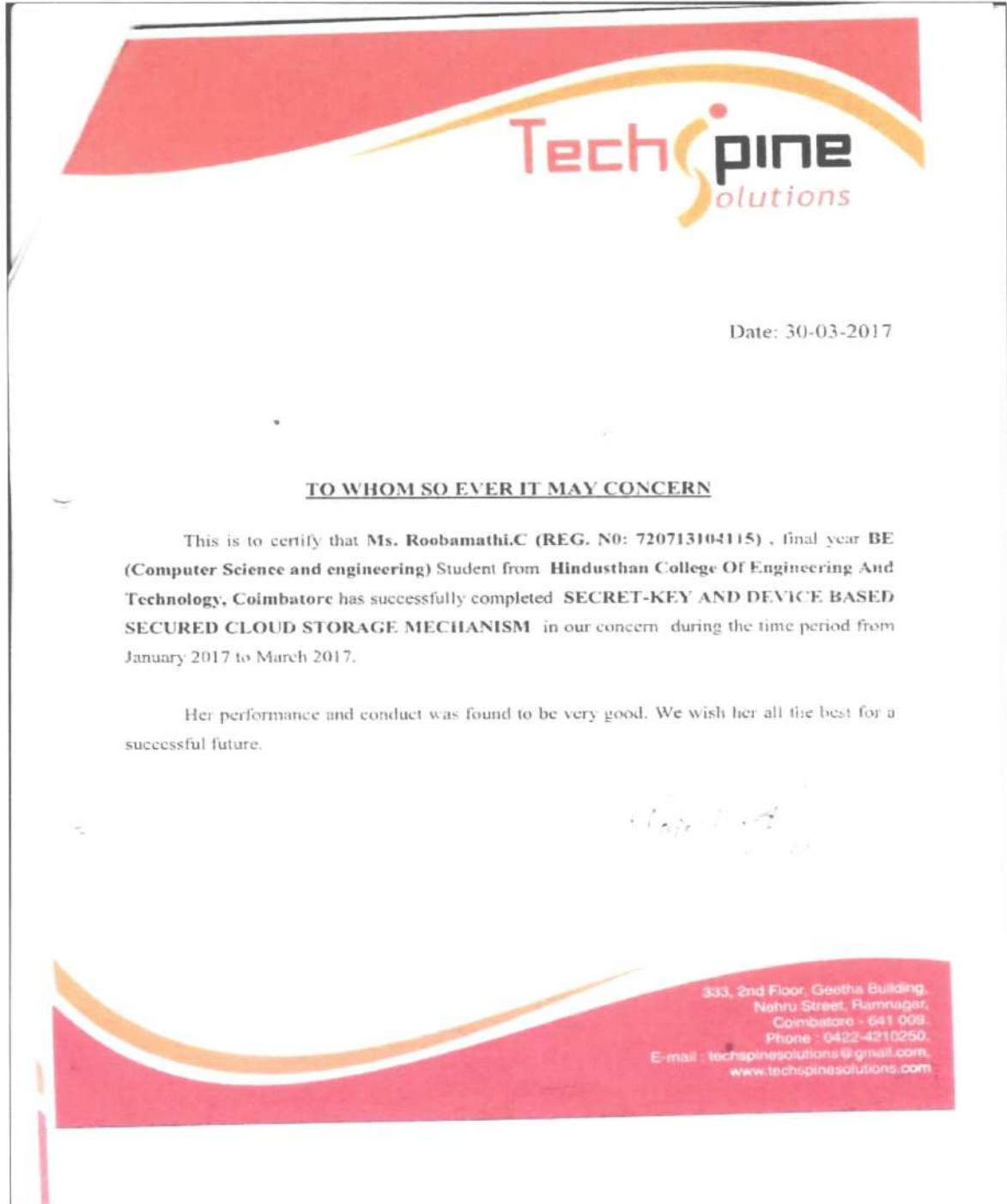
This is to certify that Ms. Pavithra.G (REG. NO: 720713104101) , final year BE (Computer Science and engineering) Student from Hindusthan College Of Engineering And Technology, Coimbatore has successfully completed SECRET-KEY AND DEVICE BASED SECURED CLOUD STORAGE MECHANISM in our concern during the time period from January 2017 to March 2017.

Her performance and conduct was found to be very good. We wish her all the best for a successful future.

333, 2nd Floor, Geetha Building,  
Nehru Street, Ramnagar,  
Coimbatore - 641 009,  
Phone : 0422-4210250,  
E-mail : techspinesolutions@gmail.com,  
www.techspinesolutions.com



Criterion II  
Teaching-Learning and Evaluation





**Hindusthan College of Engineering and Technology  
Coimbatore 641 032**

**NAAC  
SSR  
Cycle 2**

**Criterion II  
Teaching-Learning and Evaluation**



Date: 30-03-2017

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Ms. Rathimeena.R** (REG. NO: 720713104111) , final year **BE (Computer Science and engineering)** Student from **Hindusthan College Of Engineering And Technology, Coimbatore** has successfully completed **SECRET-KEY AND DEVICE BASED SECURED CLOUD STORAGE MECHANISM** in our concern during the time period from January 2017 to March 2017.

Her performance and conduct was found to be very good. We wish her all the best for a successful future.

333, 2nd Floor, Geetha Building,  
Nehru Street, Ramnagar,  
Coimbatore - 641 009  
Phone : 0422-4210250,  
E-mail : techspinesolutions@gmail.com,  
www.techspinesolutions.com



Criterion II  
Teaching-Learning and Evaluation



**VERTEX SOFTWARE SOLUTION**

#383, 2<sup>nd</sup> Floor, D.A. Complex, Cross Cut Road  
7<sup>th</sup> Street, Gandhipuram, Coimbatore - 641 012  
Phone : 0422 - 4213170, Mobile : 96295 95205


Date: 30-03-2017

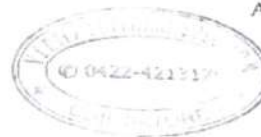
TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. KIRUBAHARAN, J (REG. NO: 720713104070)**, final year **BE (Computer Science)** Student from **Hindusthan College Of Engineering And Technology, Coimbatore** has successfully completed **REPUTATION MEASUREMENT AND MALICIOUS FEEDBACK RATING PREVENTION IN WEB SERVICE RECOMMENDATION SYSTEMS** in our concern during the time period from January 2017 to March 2017.

His performance and conduct was found to be very good. We wish him all the best for a successful future.

For VERTEX SOFTWARE SOLUTION

  
Authorized Signatory



[www.vertexsoftwaresolution.com](http://www.vertexsoftwaresolution.com)



Criterion II  
Teaching-Learning and Evaluation



VERTEX SOFTWARE SOLUTION

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7<sup>th</sup> Street, Gandhipuram, Coimbatore - 641 012  
Phone : 0422 - 4213170, Mobile : 96295 95205

Date: 30-03-2017

TO WHOM SO EVER IT MAY CONCERN

This is to certify that **Mr. MOHAMMED AFSAR. S (REG. NO: 720713104083)**, final year **BE (Computer Science)** Student from **Hindusthan College Of Engineering And Technology, Coimbatore** has successfully completed **REPUTATION MEASUREMENT AND MALICIOUS FEEDBACK RATING PREVENTION IN WEB SERVICE RECOMMENDATION SYSTEMS** in our concern during the time period from January 2017 to March 2017.

His performance and conduct was found to be very good. We wish him all the best for a successful future.

For VERTEX SOFTWARE SOLUTION

Authorized Signatory



[www.vertexsoftwaresolution.com](http://www.vertexsoftwaresolution.com)



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VERTEX SOFTWARE SOLUTION

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7<sup>th</sup> Street, Gandhipuram, Coimbatore - 641 012  
Phone : 0422 - 4213170, Mobile : 96295 95205

Date: 30-03-2017

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Mr. PRASANNA KUMAR. T (REG. NO: 720713104103) , final year **BE (Computer Science)** Student from **Hindustan College Of Engineering And Technology, Coimbatore** has successfully completed **REPUTATION MEASUREMENT AND MALICIOUS FEEDBACK RATING PREVENTION IN WEB SERVICE RECOMMENDATION SYSTEMS** in our concern during the time period from January 2017 to March 2017.

His performance and conduct was found to be very good. We wish him all the best for a successful future.

For VERTEX SOFTWARE SOLUTION

Authorized Signatory



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Criterion II  
Teaching-Learning and Evaluation



02<sup>nd</sup> March 2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. M. Archana, (Regn. No. 720713104019) of B.E (Computer science and Engineering) in Hindusthan College of Engineering and Technology has successfully completed the Internship in our company during 01<sup>st</sup> December 2016 to 28<sup>th</sup> February 2017. And she has been a quick learner and worked independently with minimal support and guidance.

We wish her good success in all future endeavours

For Surya Informatics Solutions Pvt. Ltd.,

*R. Ramalingam*  
Ramalingam.M  
Head - Operations



Surya Informatics Solutions Pvt. Ltd.

§ # 70/16, Sundar Bana, II Floor, 100 Feet Road, Ashok Nagar, Chennai - 600 083.  
☎ + 91 44 4203 3352 / 55 ☎ + 91 73586 46707 ✉ hr@suryainformatics.com 🌐 www.suryainformatics.com

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Criterion II  
Teaching-Learning and Evaluation



02<sup>nd</sup> March 2017

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms. Nikhitha Ealiyas, (Regn. No. 720713104097) of B.E (Computer science and Engineering) in Hindusthan College of Engineering and Technology has successfully completed the Internship in our company during 01<sup>st</sup> December 2016 to 28<sup>th</sup> February 2017. And she has been a quick learner and worked independently with minimal support and guidance.

We wish her good success in all future endeavours

For Surya Informatics Solutions Pvt. Ltd.,

*M. Ramalingam*  
Ramalingam M  
Head - Operations



Surya Informatics Solutions Pvt. Ltd.

# 70/16, Sundar Bams, II Floor, 100 Feet Road, Ashok Nagar, Chennai - 600 083.  
☎ + 91 44 4203 3352 / 55 ☎ + 91 73586 46707 ✉ hr@suryainformatics.com @ www.suryainformatics.com

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Criterion II  
Teaching-Learning and Evaluation

**SURYA INFORMATICS™**  
Innovation Through Imagination

Ref No: SIS/INT/16-002 02<sup>nd</sup> December, 2016

**BASKER.S**  
Regn No 720713104028  
B.E (Computer Science & Engineering)  
Hindustan Institution  
Coimbatore-641 032.

**Internship Offer**

We are pleased to make offer with **Surya Informatics Solutions Pvt. Ltd.**, you will be working with as "intern" at our Chennai office on probation with effect from 12-December-2016.


Here, the interns will get the opportunity to groom themselves up for the corporate world. We provide experience and skill-building opportunities and may even be leveraged into full-time positions. For individuals lacking significant work experience, an Internship is one way to start building a resume.

Based on your periodical assessment during the training, you will be provided with stipend as an encouragement from the company. On successful completion of training, you will be confirmed in the services of the company in the appropriate cadre depending on suitable openings.

The company reserves the right to terminate services of trainees on grounds of misconduct or violation of any rules and regulations of the company.

We welcome you to Surya Informatics Solutions Pvt. Ltd. and look forward to your continued growth with us. We are sure you will enjoy being part of the team.

or **Surya Informatics Solutions Pvt. Ltd.,**

*S. Devala*  


amalingam.M  
Operations Head

---

**Surya Informatics Solutions Pvt. Ltd.**  
# 70/16, Sundar Bans, II Floor, 100 Feet Road, Ashok Nagar, Chennai - 600 083.  
+ 91 44 4203 3352/55 + 91 73586 48707 hr@suryainformatics.com www.suryainformatics.com



Criterion II  
Teaching-Learning and Evaluation

**craper soft**

# 368, First Floor, 7th Street, Gandhipuram, Coimbatore - 641 012.  
Mob : +9190873 65555 Tel : +91 422 4377922  
E-mail : crapersoft@gmail.com



craper soft

Date: 4/4/2017

TO WHOM SO EVER IT MAY CONCERN

This is to certify that Ms.T.KAVINILA (Reg.No:720713104063), Ms.T.KIRUPA (Reg.No: 720713104071), Ms.B.KOGILAVANI (Reg.No: 720713104072), Ms.K.NIVETHA (Reg.No: 720713104100 ), Final year B.E (CSE) Student HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY COIMBATORE, has undergone her Project " ENHANCING MULTIPATH NETWORK ROUTING IN VANET ", in our organization during the period of January 2017 to March 2017.

We take this opportunity to thank and wish her all the best for future.



With Best regards,

CRAPER SOFT  
DR Manager



Criterion II  
Teaching-Learning and Evaluation

u.n.i.q technologies  
services | development | consultancy



NASSCOM  
Member



05<sup>th</sup> April 2017

CERTIFICATE OF COMPLETION

This is to certify that following Final year **COMPUTER SCIENCE AND ENGINEERING** students from **HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY**, Coimbatore, has successfully completed their project under the title of "**DRIVE SECURITY**" using Network Security Technology in our Organization from January 2017 to April 2017.

NAME	REG.NO
M.MADHULEKHA	720713104076
G.MADHUVANTHI	720713104077
R.PRAVEENA	720713104105
S.ROOBA	720713104114

Thanks and Regards,



#1 Shifa Arcade, Bharathi Nagar 1st Street, North Usman Road, T-Nagar, Chennai – 600 017.

044 - 42124943 | 95000 88927 | 96001 14466 | info@uniqtechnologies.co.in

www.uniqtechnologies.co.in



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Teaching-Learning and Evaluation

UNIQ Technologies  
services | development | consultancy





4<sup>th</sup> April 2017

**CERTIFICATE OF COMPLETION**

This is to certify that following Final year: **COMPUTER SCIENCE AND ENGINEERING** students from **HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY, Coimbatore**, has successfully completed their project under the title of **"PATIENT - SPECIFIC MODELS OF CONGENITAL HEART DEFECT DETECTION BY USING FELICM CLUSTERING"** using image processing in our Organization from January 2017 to April 2017.

M.MUTHU LAKSHMI	720713104089
M.NARMATHA	720713104092
S.RAGAVI	720713104108
M.NITHYA	720713104098

  
 PROJECT MANAGER  
 MALLIKA.N  
 (UNIQ TECHNOLOGIES)

---

#1 Shifa Arcade, Bharathi Nagar 1st Street, North Usman Road, T-Nagar, Chennai – 600 017.  
 044 - 42124943 | 95000 88927 | 96001 14466 | info@uniquitechnologies.co.in  
 www.uniquitechnologies.co.in



Criterion II  
Teaching-Learning and Evaluation

Smart Skill  
Solutions 

info@smarterembedded.in  
www.smarterembedded.in  
PH:9597977905

TO WHOMSOEVER IT MAY CONCERN

This is to certify that following students of Final year **B.E. (COMPUTER SCIENCE)** from **HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY** is permitted to do their **Internship** in our concern from **FEBRUARY'2018 to MARCH'2018**.

S.R. Supathiripurasundari	(720714104145)
R. Swathi	(720714104148)
D. Varna	(720714104156)
V. Vignesh kumar	(720714104162)

We assured to give them full technical support in entirety of project proprietor.

Authorized Signatory



No:9/23,2nd floor, Sakthi towers ,Thadagam Road ,Venkatapuram,  
Coimbatore-25.





Criterion II  
Teaching-Learning and Evaluation



18<sup>th</sup> Dec' 2017

TO WHOMSOEVER IT MAY CONCERN

**Sub: BE Project Confirmation**

We hereby confirm the below student pursuing the final year BE in Hindusthan College of Engineering and Technology, Coimbatore has been offered to do the BE final year Internship in our concern for a period of 3 months.

**NAME:** Mr. Sampathkumar S  
**REG NUM:** 720714104123

For Propulsion Technologies,  
COIMBATORE  
Sampath Kumar S  
Team Manager

[www.propulsiontechs.com](http://www.propulsiontechs.com)

42/1, 1<sup>st</sup> Floor, F-1, Krishna Complex, Nehru Street, Ram Nagar, Coimbatore - 641 009.  
E-mail: [info@propulsiontechs.com](mailto:info@propulsiontechs.com) | Phone: 0422 4349920 | Mobile: 9750 9999 25





Criterion II  
Teaching-Learning and Evaluation



18<sup>th</sup> Dec' 2017

TO WHOMSOEVER IT MAY CONCERN

**Sub: BE Project Confirmation**

We hereby confirm the below student pursuing the final year BE in Hindusthan College of Engineering and Technology, Coimbatore has been offered to do the BE final year Internship in our concern for a period of 3 months.

**NAME:** Mr. Vigneshwaran NG  
**REG NUM:** 720714104163

For Propulsion Technologies,  
COIMBATORE  
S. Kumar  
Team Manager

[www.propulsiontechs.com](http://www.propulsiontechs.com)

42/1, 1<sup>st</sup> Floor, F-1, Krishna Complex, Nehru Street, Ram Nagar, Coimbatore - 641 009.  
E-mail: [info@propulsiontechs.com](mailto:info@propulsiontechs.com) | Phone: 0422 4349920 | Mobile: 9750 9999 25





**Hindusthan College of Engineering and Technology  
Coimbatore 641 032**

**NAAC  
SSR  
Cycle 2**

**Criterion II  
Teaching-Learning and Evaluation**



18<sup>th</sup> Dec' 2017

**TO WHOMSOEVER IT MAY CONCERN**

**Sub: BE Project Confirmation**

We hereby confirm the below student pursuing the final year BE in Hindusthan College of Engineering and Technology, Coimbatore has been offered to do the BE final year Internship in our concern for a period of 3 months.

**NAME:** Mr. Roshan Kumar Vyas  
**REG NUM:** 720714104116

For Propulsion Technologies,  
Coimbatore  
Selva Kumar  
Team Manager

[www.propulsionterhs.com](http://www.propulsionterhs.com)

42/1, 1<sup>st</sup> Floor, F-1, Krishna Complex, Nehru Street, Ram Nagar, Coimbatore - 641 009.  
E-mail: [info@propulsiontechs.com](mailto:info@propulsiontechs.com) | Phone: 0422 4349920 | Mobile: 9750 9999 25



Criterion II  
Teaching-Learning and Evaluation



18<sup>th</sup> Dec' 2017

**TO WHOMSOEVER IT MAY CONCERN**

**Sub: BE Project Confirmation**

We hereby confirm the below student pursuing the final year BE in Hindusthan College of Engineering and Technology, Coimbatore has been offered to do the BE final year Internship in our concern for a period of 3 months.

**NAME: Mr. Ravi Kiran**  
**REG NUM: 720714104114**

For Propulsion Technologies,  
Selva Kumar D  
Team Manager

A circular stamp with the text "PROPULSION TECHNOLOGIES" around the top edge and "COIMBATORE" in the center. The name "Selva Kumar D" and the title "Team Manager" are written across the stamp.

Criterion II  
Teaching-Learning and Evaluation

**Signware**

22<sup>nd</sup> Dec' 2017

TO WHOMSOEVER IT MAY CONCERN

**Sub: Confirmation of Final Year Project**

This is to certify that Ms. Sabeena.K (Reg. No: 720714104118 ),  
Ms. Revathi.S (Reg. No: 720714104115), Ms. Sabitha.M (Reg. No: 720714104119) who is  
pursuing final year BE in Hindusthan college of Engineering and Technology, Coimbatore has  
been offered to do the final year Internship in JAVA on our concern from Dec' 2017 to Feb'  
2018.

The student is expected to keep all the information confidential and must not divulge or  
pass over the same to anyone during the course or after without the permission of the company.  
The student is required to submit a report on completion of the Internship. On successful  
completion, certificate will be issued.

For Signware Technologies,

  
Authorized Signatory

**Signware Technologies**

77, Ganesh Street, Villankurichi Road, Aerodrome Post, Coimbatore, Tamil Nadu - 641036 |

www.signwaretechnologies.com | 7299964446



Criterion II  
Teaching-Learning and Evaluation



**SPIRO SOLUTIONS PVT LTD**

To Whomsoever It May Concern

This is to certify that Mr. PRAKASH S P(REG.NO:720714104099) final year B.E(Computer Science) student from HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY,Coimbatore has successfully completed his major project entitled "FAULT ATTACKS ON PAIRING BASED PROTOCOLS REVISITED" in our esteemed concern during from December 2017 to March 2018 . During the course period the performance of the trainee was found to be good.

For SPIRO SOLUTION



# 93, First Floor, Nehru Street, Ram Nagar, Coimbatore - 641 009  
☎ : 0422-3915777, Mobile : 9176 648 648 ✉ : cbe@spiropjects.com  
www.spiroit.com



Criterion II  
Teaching-Learning and Evaluation

Domain 2 Host  
Web Hosting Solutions

28<sup>th</sup> Feb' 18

TO WHOMSOEVER IT MAY CONCERN

Sub: Completion of BE Project

We wish to confirm that Ms. SHREE NANDHINIS (Reg. Num: 720714104131), Mr. VARUNKUMAR.M (Reg. Num: 720714104158), Ms. VISHNU PRIYAR (Reg. Num: 720714104166), Mr. VINOTHKANNA.G (Reg. Num: 720714104309), pursuing B.E in Hindusthan College of Engineering and Technology, Coimbatore has successfully completed the final year project titled "INVESTMENT STRATEGIES IN SHARE MARKET USING PPHOPCM" from Dec-Feb.

During the tenure with us, conduct & behavior was observed to be good

We wish success in all the future endeavors

For Domain 2 Host,  
Authorizatory

No.52 B Guji Street, Anna Nagar East, Chennai - 600 102.  
Email: [admin@domain2host.info](mailto:admin@domain2host.info) Web <http://www.domain2host.info>  
Phone: 044 26442138

Scanned by CamScanner



Criterion II  
Teaching-Learning and Evaluation



**SPIROSOLUTIONSPVTLTD**



**CERTIFICATE OF COMPLETION**

This is to certify that the Following final year B.E.(Computer Science) students from HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY,Coimbatore has successfully completed his major project entitled "Multiple Motion Control System of Robotic Car Based on IoT to Produce Cloud Service " in our esteemed concern during from December 2017 to March 2018. During the course period the performance of the trainee was found to be good.

SAI CHANDRU S	(720714106120)
SHENKODI SATHISH S	(720714106129)
SHUNMUGA SUNDAR M	(720714106132)
VINOTH KUMAR A	(720714106165)

  
For SPIRO SOLUTION  
MANAGER  
(Ragul O)

#93, First Floor, Nehru Street, Ram Nagar, Coimbatore - 641 009





Hindusthan College of Engineering and Technology  
Coimbatore 641 032

NAAC  
SSR  
Cycle 2

Criterion II  
Teaching-Learning and Evaluation



**BHARAT SANCHAR NIGAM LIMITED**  
(A Government of India Enterprises)  
**MADURAI SECONDARY SWITCHING AREA**

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Shri / Kms. D. Rajanika  
Student of B.E. CSE from Hindusthan College of Engineering & Technology Coimbatore  
has undergone Project / In Plant / Special Training  
..... in **BSNL MADURAI SSA**  
during the period From 04-12-2017 To 12-12-2017

His / Her Commitment and involvement in the assignment is **GOOD**.

Madurai - 625 002.  
02/12/2017  
Sl.No. : 90

S. S. Srinivasan  
ASSISTANT GENERAL MANAGER (H.R.)  
O/o GENERAL MANAGER, BSNL  
MADURAI - 625 002.





Criterion II  
Teaching-Learning and Evaluation

INFOGRO  
TECHNOLOGIES



PROJECT COMPLETION CERTIFICATE

This is to certify that the following final year  
**COMPUTER SCIENCE AND ENGINEERING** students of Hindusthan  
College of Engineering and Technology, Coimbatore has successfully  
completed their project with title "ANOMALY DETECTION OF FORGED  
ANALYSIS IN ONLINE SOCIAL MEDIA" using DOTNET Technology in  
our organization from Jan 2018 to March 2018.

RUBY RAKSHANA S	-720714104117
SAKTHI SHARMILA C	-720714104122
SHREE BRINDHU A M	-720714104130
SOUNDHARYA K	-720714104136

During the above period we found conduct was good.

Regards

Manager

Authorized Signatory

No. 184/2, NSK Salai, Vadapalani, Chennai – 600 026.

ifogrotech.com

Ph.: 7550091212/ 044 42324211



Criterion II  
Teaching-Learning and Evaluation

XAVY TECHNOLOGIES  
Ph : +91 95 429 62888  
+91 95 429 64888  
+91 422 - 4272927  
E : info@xavytech.com



TO WHOMSOEVER IT MAY CONCERN

This is to certify that students of Final B.E (CSE) from HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY has done their Internship on title "VEHICLE ACCIDENT DETECTION AND ALERT HOSPITAL USING IOT" in our concern from JAN 2018 To MAR 2018. They demonstrated good design skills with a self-motivated attitude to complete their Internship successfully on time.

We wish them all the best for their future endeavors.

SURUTHI.K (720714104146)

YAMINI.C (720714104167)

We assured to give them full technical support in entirety of project proprietor.



For Xavy Technologies

A. S. P. A.

Managing Director

Xavy Technologies Highly Confidential  
No. 74 1st Floor, Jayam Complex, Opp. Hotel Mangala International, Near Senthil Kumaran Theatre, Nehru Street, Ram Nagar, Coimbatore - 641 009.  
W : www.xavytech.com



Criterion II  
Teaching-Learning and Evaluation



**VERTEX SOFTWARE SOLUTION**  
#383, 2<sup>nd</sup> Floor, D.A. Complex, Cross Cut Road  
7<sup>th</sup> Street, Gandhipuram, Coimbatore - 641 012  
Phone : 0422 - 4213170, Mobile : 96295 95205

TO WHOMSOEVER IT MAY CONCERN

This is to certify that the following students doing, **Final Year BE (CSE)** at **Hindusthan College of Engineering and Technology, Coimbatore** has been successfully completed their project work in our concern on **"DETECTION OF COMPROMISED ACCOUNTS ON ONLINE SOCIAL NETWORKS"** from **January 2018 to March 2018**.

**SREE HARI. P. K -720714104138**

**VAISHAKH. K. N-720714104155**

**VARUN. R - 720714104157**

**THIYAGARAJAN. N - 720714104152**



Authorized Signatory

[www.vertexsoftwaresolution.com](http://www.vertexsoftwaresolution.com)



Criterion II  
Teaching-Learning and Evaluation



No.134, 2nd Floor, 4th Street,  
Opp to Hotel Gowrishankar,  
Gandhipuram, Coimbatore - 641012.  
Ph: +91 422-4349207 | +91 9600 984 984  
Email: info@abiletechnologies.com

Date: 12.04.2018

**TO WHOM SO EVER IT MAY CONCERN**

This is to certify that the following students, doing **BE CSE** at **HINDUSTHAN COLLEGE OF ENGINEERING & TECHNOLOGY, COIMBATORE**, has successfully completed their academic project work entitled as **"MED-DIRECT- AN ANDROID BASED APPLICATION FOR 24\*7 MEDICAL ASSISTANCE (AN EASY ACCESS TO DOCTORS AND BLOOD BANKS)"** in our concern for the period starting from **January 2018 to March 2018**.

**KEERTHANA.R (720714104066)**

**LOGESHWARLS (720714104074)**

**PRIYADHARSHINLD (720714104102)**

**RADHIKA VIJAY (720714104103)**

We wishes all the best for their future endeavours.

For Abile Technologies,

(HR-Manager)

**ABILE TECHNOLOGIES**  
134, 2nd Floor, 4th Street,  
Opp To Hotel Gowrishankar,  
X Cut Road, Coimbatore - 641 012.  
Ph: 0422 4349207, 96000 984984

Software Development | Training | Consultancy | SEO | Outsourcing

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Criterion II  
Teaching-Learning and Evaluation

XAVY TECHNOLOGIES  
+91 99 429 62888  
+91 99 429 64888  
+91 422 - 4272927  
info@xavytech.com



TO WHOMSOEVER IT MAY CONCERN

This is to certify that students of Final B.E (CSE) from HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY has done their Internship on title "DETECTION OF LUNG CANCER FROM CT IMAGE USING IMAGE PROCESSING AND NEURAL NETWORK" in our concern from JAN 2018 To MAR 2018. They demonstrated good design skills with a self-motivated attitude to complete their Internship successfully on time.

We wish them all the best for their future endeavors.

SUPATHIRIPURASUNDARI.S.R	(720714104145)
SWATHI.R	(720714104148)
VARNA.D	(720714104156)
VIGNESH KUMAR.V	(720714104162)

We assured to give them full technical support in entirety of project proprietor.



For Xavy Technologies

Managing Director

Xavy Technologies Highly Confidential  
No. 74, 1st Floor, Jayam Complex, Opp. Hotel Mangala International, Near Senthil Kumaran Theatre, Nehru Street, Ram Nagar, Coimbatore - 641 009  
W : www.xavytech.com



Criterion II  
Teaching-Learning and Evaluation

 **Evolet Technologies**

Date: 5-Apr-2018

CERTIFICATE OF COMPLETION

This is to certify that the following final year **Computer Science and Engineering** students of **Hindusthan College Of Engineering and Technology**, Coimbatore has successfully completed their project with title "**Shopping Cart Security on the basis of POS system**" using **Android** technology in our organization from Jan 2018 to March 2018.

Ramya R - 720714104112  
Sangeetha P - 720714104124  
Sathya Lakshmi L - 720714104126  
Suba Dharshini S - 720714104141

During the above period we found conduct was good.

For Evolet Technologies.



Authorizes Signatory

# 260, 1Ind Floor, Avarampalayam Road, Land Mark - Above ICICI bank, New Siddhapudur,  
Gandhipuram, Coimbatore, TamilNadu  
E-Mail : [support@evolettechnologies.com](mailto:support@evolettechnologies.com) ; [www.evolettechnologies.com](http://www.evolettechnologies.com)




Criterion II  
Teaching-Learning and Evaluation



17<sup>th</sup> March 2018

To Whomsoever It May Concern:

This is to certify that, Mr. Bala Venkatesh T (Register No: 720714104023) of Hindusthan College of Engineering and Technology, has completed his project titled "CERTAIN INVESTIGATIONS ON IOT BASED FALL-DETECTION AND PREVENTION OF TEXT-NECK" at Mindnotix Technologies, Coimbatore. He was in the Research and Development team from 24<sup>th</sup> Jan, 2018 – 17<sup>th</sup> April, 2018.

  
(Dr. S. Balamurugan),  
Director R&D,  
Mindnotix Technologies

NO 208, SRI VASTA SIVA COMPLEX, 4<sup>th</sup> FLOOR, 100 FEET ROAD, CBE-12  
9514233311 | www.mindnotix.com | contact@mindnotix.com



Criterion II  
Teaching-Learning and Evaluation





Criterion II  
Teaching-Learning and Evaluation



Criterion II  
Teaching-Learning and Evaluation

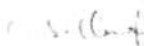


PBS INFO SYSTEMS PVT LTD

To whomsoever it may concern

This is to certify that Ms. D. Priyanka, D/O Mr. Dayalan vaithlingam, a student of BE Computer Science, Hindusthan College of Engineering and Technology, Coimbatore has successfully completed 1 month (1st May 2018 to 31st May 2018) internship program at this company. During this period of her internship with us she was found to be hardworking, punctual and inquisitive.

With best wishes  
For PBS Infosystems Pvt Ltd

  
C.S. Uma  
Project Manager



Criterion II  
Teaching-Learning and Evaluation

KG Information Systems Private Limited

CIN : U72200TZ1994PTC005317

KGISL Campus, Thudiyalur Road, Saravanampatti, Coimbatore - 641 035 INDIA

Phone : 91 (422) 441 9999 Fax : 91 (422) 266 8325 E-mail : info@kgisl.com Website : www.kgisl.com

**KGISL**

Ref: HRD/OFFER/ 17/2017

To,

Venkatesh R  
1-C, Vilaangara Street  
Pondur Main Road  
Ariyalur

Sub: Letter of Intent

Dear

With reference to your application, tests and interview, we are pleased to inform that you have been selected for the post of "Probation Software Engineer" in our organization. You shall report for duty on 2nd Jan 2018 at 9.00 AM. This offer is subject to you, clearing the Reference check conducted by us. You will be initially provided training and during the period your remuneration will be Rs. 15000/-. After Successful Completion Your monthly Cost to Company (CTC) will be Rs. 15000/- (Rupees Fifteen Thousand only). The terms and conditions of your employment will be provided to you along with the appointment letter in due course. You will be in probation period for 6 months.

A regular letter of appointment will be issued to you at time of your joining. We look forward to your joining, and building a long successful career with us. Should you require any assistance or information, please do feel free to call us. On acceptance, please sign a copy of this Letter of Intent and return the same to the undersigned, indicating the date of your joining. This offer is valid for 7 days only FOR YOUR ACCEPTANCE. Offer stands canceled in case if you fail to report to us on or before pre-decided date. We would have to assume that you have not accepted this job offer.

You are requested to attend the Induction program on 2nd Jan 2018 and please bring the photocopy of this letter.

With warm regards

For KG Information Systems Private Limited

  
Authorized Signatory



We make IT happen

SW SEI - CMM  
Level 4  
COMPANY



Criterion II  
Teaching-Learning and Evaluation



**AAGNIA TECHNOLOGIES**

B-40, BALAN NAGAR, PEELAMEDU  
COIMBATORE 641004, INDIA  
+91 9500296496  
CONTACTUS@AAGNIA.COM

Jun 08, 2018  
Coimbatore  
Ref No: **AAG/2018/04/AB/INTERN**

**To Whomsoever It May Concern**

This letter is to certify that **Mr. Gokul Raja T S** has successfully completed his **Internship program of four weeks** with Aagnia Technologies. His internship tenure was between May 07, 2018 till June 08, 2018. During the tenure, his performance was good and he was able to complete the project successfully on time.

We wish him all the best for his future endeavors.

Sincerely,

For **Aagnia Technologies.**,

Geetha Karthik  
Co-Founder

Note: This is a computer-generated letter and does not require any signature in original. To verify Aagnia employment details of the associate, please write to [hr@aagnia.com](mailto:hr@aagnia.com)

**Registered Office:**  
Aagnia Technologies,  
B-40, Balan Nagar, Peelamedu,  
Coimbatore 641 004, Tamil Nadu, INDIA.

**Corporate Office:**  
Aagnia Technologies,  
304 A, PSG-STEP, Software Park II, Peelamedu,  
Coimbatore 641 004, Tamil Nadu, INDIA.





Criterion II  
Teaching-Learning and Evaluation



**AAGNIA TECHNOLOGIES**

B-40, BALAN NAGAR, PEELAMEDU  
COIMBATORE 641004, INDIA  
+91 9500296496  
CONTACTUS@AAGNIA.COM

Jun 08, 2018  
Coimbatore  
Ref No: AAG/2018/04/AC/INTERN

**To Whomsoever It May Concern**

This letter is to certify that **Mr. Chandra Prakash S** has successfully completed his **Internship program of four weeks** with Aagnia Technologies. His internship tenure was between **May 07, 2018 till June 08, 2018**. During the tenure, his performance was good and he was able to complete the project successfully on time.

We wish him all the best for his future endeavors.

Sincerely,  
For Aagnia Technologies.,

Geetha Karthik  
Co-Founder

Note: This is a computer-generated letter and does not require any signature in original. To verify Aagnia employment details of the associate, please write to [hr@aagnia.com](mailto:hr@aagnia.com)

Registered Office:  
Aagnia Technologies,  
B-40, Balan Nagar, Peelamedu,  
Coimbatore 641 004, Tamil Nadu, INDIA.

Corporate Office:  
Aagnia Technologies,  
304 A, PSG-STEP, Software Park II, Peelamedu,  
Coimbatore 641 004, Tamil Nadu, INDIA.

WWW.AAGNIA.COM



Criterion II  
Teaching-Learning and Evaluation



VEHICLE SPEED ESTIMATION  
USING OPENCV



A PROJECT REPORT

Submitted by

SANTHOSH M	(18104117)
SEDHU ARAVINTH R	(18104120)
SHANKESHVAR P	(18104124)
SURYA T. A	(18104138)

*in partial fulfillment for the award of the degree  
of*

BACHELOR OF ENGINEERING

*in*

COMPUTER SCIENCE AND ENGINEERING

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY  
Approved by AICTE, New Delhi, Accredited with 'A' Grade by NAAC  
(An Autonomous Institution, Affiliated to Anna University, Chennai)  
Valley Campus, Pollachi Highway, Coimbatore - 641 032

MAY 2022





Criterion II  
Teaching-Learning and Evaluation



Hindusthan College of Engineering and Technology

Approved by AICTE, New Delhi, Accredited with 'A' Grade by NAAC  
(An Autonomous Institution, Affiliated to Anna University, Chennai)  
Valley Campus, Pollachi Highway, Coimbatore - 641 032



BONAFIDE CERTIFICATE

Certified that this project report "VEHICLE SPEED ESTIMATION USING OPENCV" is the bonafide work of "SANTHOSH M (18104117), SEDHU ARAVINTH R (18104120), SHANKESHVAR P (18104124), SURYA T. A (18104138) who carried out the project work under my supervision.

SIGNATURE

Dr. S. SHANKAR, M.E., Ph.D.,  
HEAD OF THE DEPARTMENT  
Computer Science and Engineering  
Hindusthan College of Engineering  
and Technology, Coimbatore-32

SIGNATURE

Dr. G. SAKTHI, M.E., Ph.D.,  
SUPERVISOR  
Associate Professor  
Computer Science and Engineering  
Hindusthan College of Engineering  
and Technology, Coimbatore-32



Submitted for the Autonomous Institution Project Viva-Voce conducted on  
28-5-2022

INTERNAL EXAMINER

EXTERNAL EXAMINER



Criterion II  
Teaching-Learning and Evaluation



DETECTING MALICIOUS  
APPLICATION ON ANDROID  
USING SUPPORT VECTOR  
MACHINE AND DECISION TREE  
ALGORITHMS

A PROJECT REPORT

*Submitted by*

AAKASH T	18104003
AJITH R	18104010
ANBARASU G	18104020
ARUN PANDIAN S	18104022

*in partial fulfillment for the award of the degree*  
*of*  
BACHELOR OF ENGINEERING  
*in*  
COMPUTER SCIENCE AND ENGINEERING

HINDUSTHAN COLLEGE OF ENGINEERING AND TECHNOLOGY  
Approved by AICTE, New Delhi. Accredited with 'A' Grade by NAAC  
(An Autonomous Institution. Affiliated to Anna University, Chennai)  
Valley Campus, Pollachi Highway, Coimbatore - 641 032

MAY 2022







**Criterion II  
Teaching-Learning and Evaluation**



**Hindusthan College of Engineering and Technology**

Approved by AICTE, New Delhi, Accredited with 'A' Grade by NAAC  
(An Autonomous Institution, Affiliated to Anna University,  
Chennai)  
Valley Campus, Pollachi Highway, Coimbatore - 641 032




**BONAFIDE CERTIFICATE**

Certified that this project report "DETECTING MALICIOUS APPLICATION ON ANDROID USING SUPPORT VECTOR MACHINE AND DECISION TREE ALGORITHMS" is the bonafide work of "AAKASH T (18104003), AJITH R (18104010), ANBARASU G (18104020), ARUN PANDIAN (18104022)" who carried out the project work under my supervision.

  
SIGNATURE

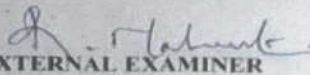
**Dr.S.SHANKAR, M.E., Ph.D.,**  
**HEAD OF THE DEPARTMENT**  
Computer Science and Engineering  
Hindusthan College of Engineering and  
Technology, Coimbatore-32

  
SIGNATURE

**Dr.G.SAKTHI,M.E.,Ph.D.,**  
**SUPERVISOR**  
Associate Professor  
Computer Science and Engineering  
Hindusthan College of Engineering  
and Technology,Coimbatore-32

Submitted for the Autonomous Institution Project Viva-Voce conducted on  
4/05/22

  
INTERNAL EXAMINER

  
EXTERNAL EXAMINER



  
**Principal  
PRINCIPAL**

Hindusthan College of Engineering & Technology  
COIMBATORE - 641 032