

3.3.2 - Awards for Innovation won by Institution/Teachers/Research scholars/Students during the year



**Dr. Babasaheb Ambedkar Technological University, Lonere
Electronics and Telecommunication Engineering Department**

Title of the innovation: Student Bicycle Sharing System

Students Name: Pranali Jha,
Sourabh Singh,
Pankaj Jagtap

The innovation title is Student Bicycle Sharing System. The above students have contributed in developing the above innovation and received the award by Dr. Babasaheb Ambedkar Technological University, Lonere.


REGISTRAR
Dr. Babasaheb Ambedkar Technological University
LONERE 402 103.
Tal Mangaon, Dist. Raigad, (Maharashtra)

Dr. Babasaheb Ambedkar Technological University Lonere, Raigad

State Technical University, Maharashtra Act No. XXIX of 2014

डॉ. बाबासाहेब आंबेडकर तंत्रशास्त्र विद्यापीठ लोणेरे, रायगड

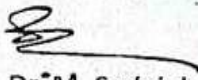
Avishkar 2019




Award of Excellence

SANKET SADASHIV KUMBHAR

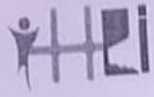
This is to certify that you are selected first/second in Discipline PS
and Category UG at University level round of Avishkar 2019 held at
Dr. Babasaheb Ambedkar Technological University Lonere, Raigad on 03.11.20


Dr. M. Sadaiah
Registrar

Team MARS


Sanjay Khobragade
Prof. in Charge


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LONERE, RAIGAD
Tal. Mangaon, Dist. Raigad, (Maharashtra)



12th International Conference on Intelligent Human Computer Interaction 2020

IHCI-2020 Conference "On-site" and "Virtual"

24-26 November 2020, EXCO-Daegu, South Korea

Springer



Best Paper Award

In the session
Cognitive Learning Analytics

presented to

Varsha Lokare and Laxman Netak

for their paper

Concentration Level Prediction System for the students based
on Physiological measures using the EEG device

presented at

12th International Conference on Intelligent Human Computer Interaction
IHCI, November 26, 2020, EXCO-Daegu, South Korea



TPC Chairs

U. S. Tiwary; Dae-Ki Kang
Jong-Ha Lee; Madhusudan Singh

Madhusudan Singh
Technical Chair

Madhusudan Singh

Session Chair

Arvind W Kiwelekar

7

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General Chairs

Wan-Young Chung
Dhananjay Singh

KICSP 한국 융합신호처리 학회
Korea Institute of Convergence Signal Processing



The HCI Society of Korea

ASSOCIATION OF INDIAN UNIVERSITIES - (AIU) NEW DELHI &
RAJIV GANDHI PROUDYOGIKI VISHWAVIDHALAYA (RGPV), BHOPAL

Jointly Organize

Anveshan

2019-2020

NATIONAL STUDENT RESEARCH CONVENTION

December 15-16, 2020

CERTIFICATE

This is to certify that Mr./Ms./Dr SANKET SADASHIV KUMBHAR

of Dr. Babasaheb Ambedkar Technological University, Lonere, Maharashtra University / Institute
participated in online Anveshan : National Research Convention Held at Rajiv Gandhi Proudhyogiki Vishwavidhalaya,
Bhopal during December 15-16, 2020.

His / Her proposal / project entitled Full face foldable safety helmet

Presented

under the category of Basic Science

and Secured First position.

Dr Pankaj Mittal
Secretary General
AIU

Dr Amarendra Panl
Joint Director & Head Research
AIU



Dr Shikha Agrawal
Coordinator
RGPV

Dr. Sunil Kumar
Vice Chancellor
RGPV

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Dr. Babasaheb Ambedkar Technological University,
LONERE 402 103,
Tal. Mangaon, Dist. Raigad, (Maharashtra)



From,

GIANT Robot Ltd.,
71-75 Shelton Street,
Covent Garden,
London, England,

8th September 2020,

To,

Dr. Neeraj Agarwal,
Training and Placement Department,
Dr. Babasaheb Ambedkar Technological University, Raigad, India.

Subject: Evaluation Report of intern Nayan Madhav Sarode (B.Tech. Mechanical Engineering)

Dear Dr. Agarwal,

We would like to take this opportunity to thank you for providing us with a very effective and hardworking intern, Nayan Madhav Sarode. He worked very hard and many hours to be a very industrious and diligent intern. The following letter should serve as my written evaluation of him. First of all, Nayan Madhav Sarode was extremely dependable. We could count on him to be where he was needed and deliver all of the work that we asked him to do. We never had any doubts that he would do the highest quality job at every assignment that we gave to him. We did not have to micro-manage his activities. We were able to give him high-level objectives and turn the responsibility over to him. He was able to manage all of the details himself and provide high quality work. He seemed to immediately grasp the importance and scope of what we asked him to do without much explanation or description on our part.

We gave him several assignments, including a complex research assignment that he was able to deliver within the stipulated time frame. He did an outstanding job. After reviewing the results, we asked for a slight change of scope and He was able to build in the assignment and add even more useful research. We also had him draft several documentations that we were able to personalize for maximum effectiveness. He has a keen mind and is able to express the ideas that he and the team discussed. In addition to all of the above work that we had him do, he sincerely seemed to enjoy working in an Agile environment. He enjoyed being an integral part of the process. We had him research state of the art platforms in the industry and he provided a comprehensive analysis. We never knew if he agreed with us or not on the internship curriculum, but he always sounded enthusiastic and supportive. We were able to share his submissions with other developers and it helped them fine-tune their processes as well.

We were very impressed by how well Nayan Madhav Sarode understood the processes at the GIANT Robot Ltd. There were times that we were sure he didn't know what we were asking for, but through the resources and people that he worked with, he was able to deliver exactly what we needed. If we didn't know better, we would have thought that this was not Nayan's first opportunity to be working on our technical stack.



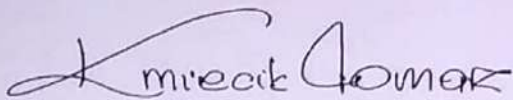

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Tal Mangaon, Dist. Raigad, (Maharashtra)



In conclusion, we would definitely give Nayan Madhav Sarode a solid A for his strong effort and performance as a Robotic Process Automation Developer intern. He excelled at everything he did and put in extra time and effort to help GIANT be successful. We appreciated his help and hope that he gets full credit for what he did at the GIANT's Asia Pacific Outreach Initiative.

Yours Sincerely,



Tomasz Kmiecik
CEO – GIANT Robot Ltd.
thomas@glant.com



Prof. (Dr.) Marcin Paprzycki
Advisory Board Member – GIANT Robot Ltd.
marcin@glant.com



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Report On

BAJA SAE INDIA 2021

Submitted By:

TEAM TECHNOSPARK

Off-Road Racing Team

*Dr. Babasaheb Ambedkar Technological University,
Lonere.*



A handwritten signature in blue ink, appearing to be "rjguz", is written over the logo.



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Tal Mangaon, Dist Raigad, (Maharashtra)

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About BAJA SAE INDIA

The BAJA SAE Series® is an event for the undergraduate engineering students, organized globally by the Society of Automotive Engineers, USA. The event originated in the name of Mini - BAJA, in the year 1976 at University of Carolina. Since then, the event has spanned across six countries – USA, Mexico, South Africa, Korea, Brazil and India. The BAJA SAE tasks the students to design, fabricate and validate a single seater four - wheeled off road vehicle to take part in series of events where the agility of the vehicle in terms of gradability, speed, acceleration and maneuverability characteristics and finally its ability to endure that back breaking durability test.

Several factors contribute to making a winning buggy. First and foremost the buggy has to meet the strict specification of the rule book. The evaluation process for the BAJA SAEINDIA is a two fold

process and students have to clear the Virtual Baja preliminary round before they start manufacturing their buggy's for the main events.

The teams are judged on six main parameters in the Virtual BAJA event which are – their knowledge of the rule book, the design of the vehicle, the project plan, the design methodology and the design evaluation plain.

The evaluation process in the main event is a different ball game altogether and the students finally got to showcase their finished buggy's to the judges. In the static tests the buggy's are evaluation on various factors such as cost, aesthetics and the quality of the fabrication. There are also many dynamic tests such as acceleration. Braking, maneuverability over all terrain and a hill climb test. But none of these tests are more grueling than the endurance race where the drivers and buggy's are pushed to their limits till a winner emerge

out Season 2021

Embracing The Challenges, BAJA SAEINDIA 2021 edition was held on a digital platform for the first time ever involving static as well as dynamic events, considering the health concerns of all stakeholders involved.

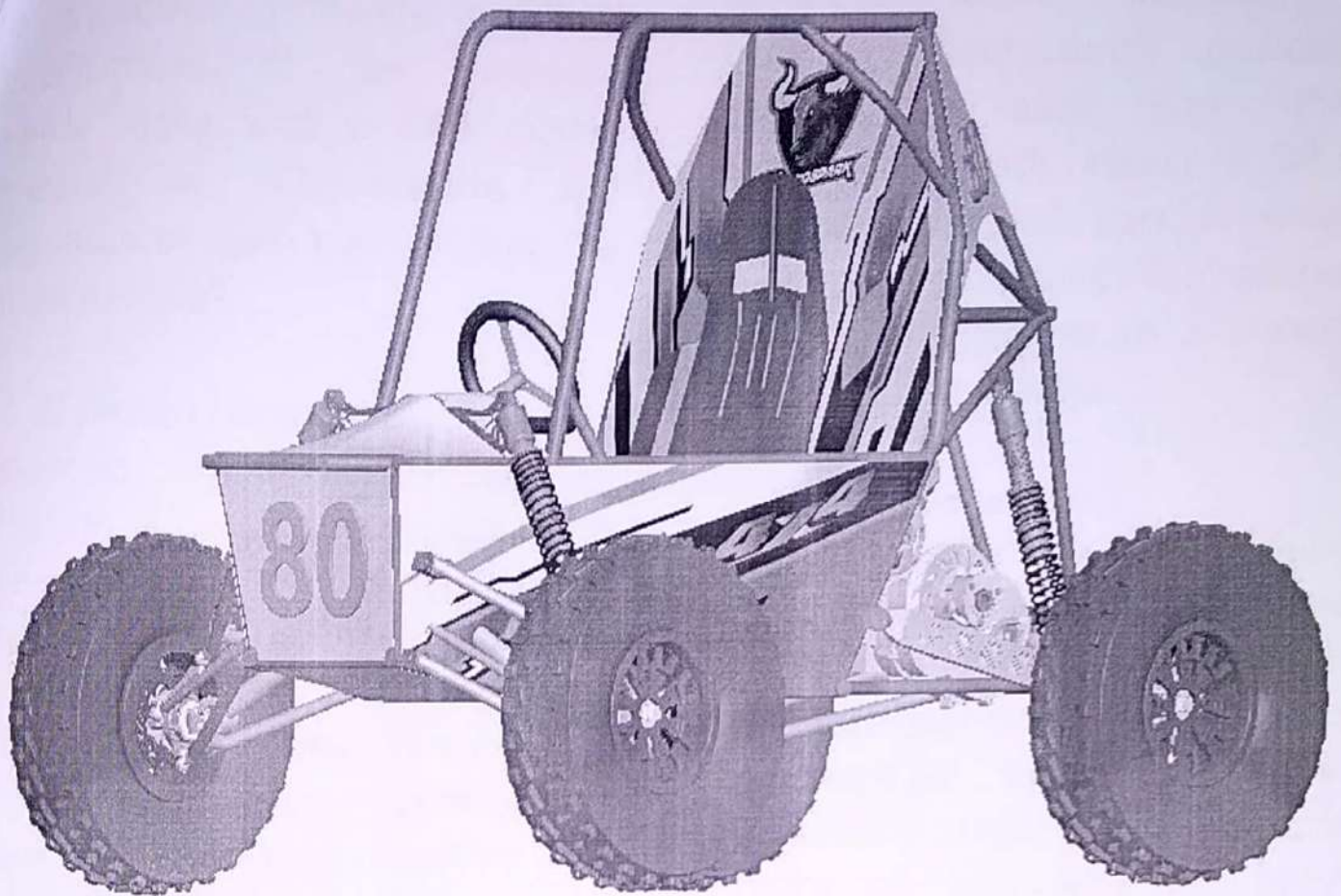
The primary reasons for the modified event structure were the criticality of the pandemic situation and our responsibility for community health. Since there is no option of hosting an in-person event involving 10,000 students, judges, faculties, and volunteers. Additionally, keeping in mind the academic pressure and exam schedules which teams will have in upcoming semesters upon returning to their respective campuses, we believe that the participants will find it extremely difficult to adhere to limited timelines and accommodate their budget requirements.

BAJA SAEINDIA OC had decided to incorporate Virtual Dynamic Events with the help of Automotive

Simulation Software combined with Digital Static Events for 2021 edition.

The BAJA SAEINDIA 2021 event was planned to be conducted in 2 legs. The first leg i.e. Preliminary round of BAJA SAEINDIA 2021 was conducted from 11th Dec to 13th Dec'20, wherein teams were asked to submit the Design Report of their buggy along with Automotive/Rulebook quiz and evaluation

The second leg was consist of Static Events done on personalized video conferencing software. Followed by this, the Dynamic events will be held virtually through IPG Carmaker Software. The virtual dynamic events will include Acceleration performance, Brake performance, Gradeability performance, Maneuverability performance, Suspension and traction performance & All-Terrain Performance.



- Name : *TTX_21*
- Type : Single Seated All Terrain Vehicle
- Engine : B&S 10 HP
- Transmission : 4WD - CVT Driven 2-Stage Reduction Gearbox in Rear
And 3- Stage Reduction For Front with Differential.
- Top Speed : 61.33 kmph
- Time to Reach Vmax : 5.78 sec
- Gradeability : 73%
- Turning Radius : 2.1 m
- Stopping Distance : 7.8 m
- Overall Dimensions : 77 in (Length) * 56 in (Width) * 56 in (Height)
- Ground Clearance : 13 in

Static Events

1) Preliminary Round

To lay down complete technical specifications of the proposed vehicle along with a CAD model, selection of sub systems and execution of team plans sticking the latest rulebook.

2) Design Evaluation

Students will be judged on the creation of design specifications and the ability to meet those specifications, computer aided drafting, analysis, testing and development, manufacturability, serviceability, system integration and how the vehicle works together as a whole.

3) CAE Report

Objective of this event is to evaluate the team's depth of knowledge in CAE Analysis and optimization study to build a light as well as a durable vehicle. The CAE report should contain details of each analysis such as objective, methodology, modeling, meshing, constraint, boundary conditions, solver setting and result outcome with contours, diagrams, plots and graphs.

4) Manufacturing Report

The objective of this event focuses on how well the team understands the

various individual sub-assemblies, complete vehicle assembly in general, manufacturing processes involved in each part, their preparedness with respect to Bill of Materials, detailed part drawings, their learning of quality & inspection requirements to ensure a smooth manufacturing process.

5) Cost Evaluation

Cost is one of the most critical aspect of any commercial entity but the event here, is to not only report the most optimum cost of the component in the prototype or production stage, but instead focusing on how well the team understands what has gone into their part and applying their learning of procurement and manufacturing techniques to optimize the cost, labor, time, material wastage and various overhead costs.

6) Sales Presentation

The objective of the Sales Presentation is for the team to convince the "executives" of a hypothetical manufacturing company to purchase the team's Baja SAEINDIA vehicle design and put it into production at the rate of 4000 units per year.

Dynamic Events

1) Acceleration

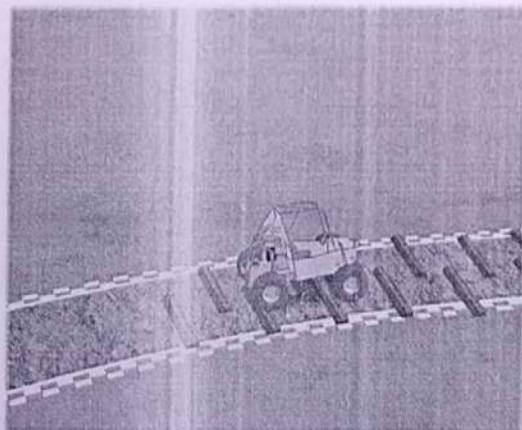
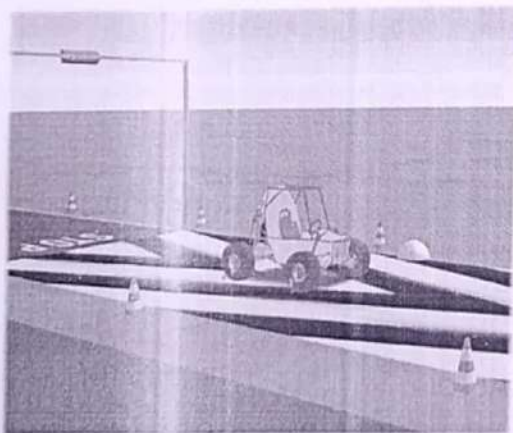
The Acceleration Event is designed to measure each vehicle's ability to come up to speed quickly from a standing start.

2) Gradability (Hill Climb)

This event tests the vehicle's relative ability to climb an incline from a standing start or pull a designated object, e.g. progressive weight skid, vehicle, or chain along a flat surface.

3) Maneuverability

Maneuverability is designed to assess each vehicle's agility and handling ability over off-road terrain. Teams will attempt to maneuver through the course with a minimum time.



4) Brake Performance

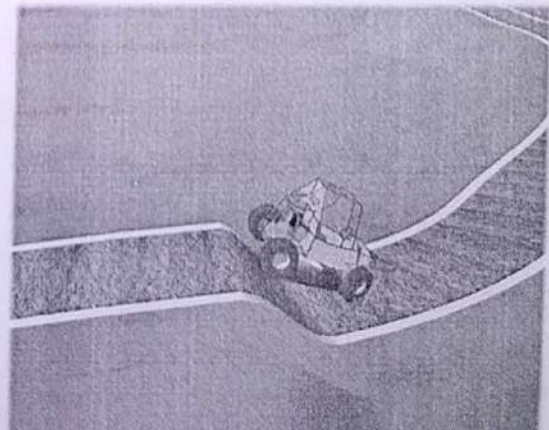
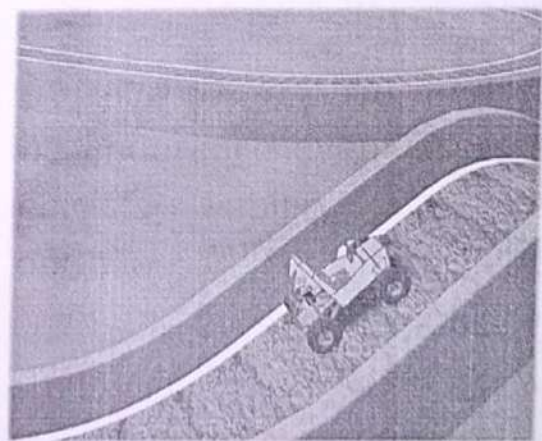
This event tests the vehicle's brake performances and ability to stop vehicle within minimum distance.

5) Suspension and Traction

This event may require the vehicle to complete a course in a minimum time or proceed a maximum distance. The objective of events is to check ability of vehicle to withstand extreme terrain.

6) All Terrain Performance

The endurance event assesses each vehicle's ability to operate continuously and at speed over rough terrain with obstacles in potentially adverse weather conditions (rain, snow, etc.). The endurance event may be run for time or for distance.



Result

Events	Score
Preliminary Round	50.8/100
Design Evaluation	68.2/150
CAE Report	22.4/50
Manufacturing Report	49.8/100
Cost Evaluation	40.4/100
Sales Presentation	21.5/50
Acceleration	0.0/50
Gradability (Hill Climb)	33.7/50
Maneuverability	55.3/100
Brake Performance	37.5/50
Suspension and Traction	54.5/100
All Terrain Performance	35.3/100
Bonus Points For 4WD	15.1
Total Score	484.5/1000

53

Overall All India Rank

80

Overall Static AIR

51

Overall Dynamic AIR

Board Members 2020-2021



Dr. Raju Shrihari Pawade
Faculty Advisor
SAE Collegiate Club DBATU



Vikas Salunkhe
Captain and Suspensions Head



Devesh Deshmukh
Vice-Captain and Design Head



Sanket Parthe
Powertrain Head



Niranjan Ulage
Braking Head



Sumeet Turkar
Steering Head



Prashant Chaudhari
Logistics Head



Akash Chavan
Manager



Pallavi Warhatkar
Manager



Taha Shaikh
Manufacturing Head



Sarthak Shindikar
Accounts and Finance



Gaurav Topre
Electronics Head



Shreyash Lokare
Electrical Head



Kriteemoy Basu
Powertrain Control



Nishant Banole



Nilesh Mahmadapure



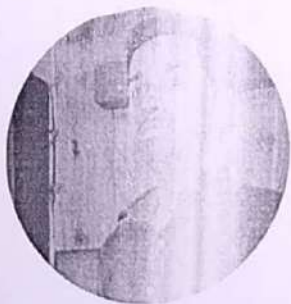
Rucha Zirpe



Sanket Chilad



Manish Vasave



Nayan Sarode



Shweta Brahmanekar



Kunal Phadatare



Vaibhav Masarikar



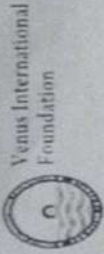
Manasi Kasare



Akshay Rathod

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Dr. Babasaheb Ambedkar Technological University,
LONERE 422 103,
Tai Mangaon, Dist. Raigad, (Maharashtra)





Venus International Foundation

F. No. AAP-VILCA21

5 October 2021

To

Dr. Sanjay Laxmikant Nalbalwar
Professor and Head, Design-Aesthetics
Department of Electronics and Telecommunication Engineering,
Dr. Babasaheb Ambedkar Technological University, Maharashtra, India

Dear Sir,

With reference to your nomination to the 3rd Industry Leadership Conclave and Awards - ILCA 2021 (Call for nominations vide F. No. VILCA/ILCA/2021) opened on 16th June 2021). I hereby inform that based on the Expert Committee report and Apex Committee recommendations, you have been selected for an Award as mentioned hereunder.

Nomination Code	AEHE-EM-NC433
Sector	Higher Education
Discipline	Engineering
Category	Award for EXCELLENCE IN HIGHER EDUCATION

In this regard, I am happy to invite you to receive the award in person during the ILCA 2021 that is to be held on 5 November 2021 at Green Park, Chennai, India. As a part of the conclave, you have to submit the ILCA registration form on or before 12 October 2021. Further information may be found at: <https://venusilca.org/awards/2021/ica.htm>

My hearty congratulations to you on this well-deserved recognition. I look forward to greeting you personally at the award presentation ceremony.

Sincerely,

R. Jayashankar

R. Subramanian

Copy to



[Handwritten signature]

Dr. S. L. Nalbalwar
Dean (Academic - FO, E & T)

Dr. Babasaheb Ambedkar Technological University
Lonere, Rajgad - 402 103

Conf. No. J116a



INTERNATIONAL
MULTIDISCIPLINARY
RESEARCH FOUNDATION
IMRF INSTITUTE OF HIGHER EDUCATION & RESEARCH, INDIA
CHODPE, TOREBELLE

Regd. with Govt. of India (MCI) Regd. RCO Mysore | ESTD: US 15 of 2001, General A.P. HQ, Vijayanagara, India.

INDO ASIAN DISTINGUISHED PROFESSOR AWARD 2021

In recognition of the consistent superior performance in

ELECTRONICS & TELECOMMUNICATION ENGINEERING

and upon the endorsements of the IMRF Executive Council &

the World Teacher's Day Awards Committee 2021

THE INTERNATIONAL MULTIDISCIPLINARY RESEARCH FOUNDATION

acknowledges the invaluable contribution of

DR. SANJAY LAXMIKANT NALBALWAR

and is pleased to present this most coveted honour

on the eve of World Teacher's Day - International Dialogue on the

UNESCO promoted theme "Teachers: Leading in crisis, re-imagining the future"

hosted at HQ, IMRF Institute of Higher Education & Research

Vijayanagara, Andhra Pradesh, India

October 05th, 2021

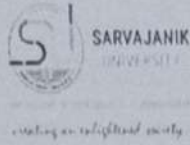
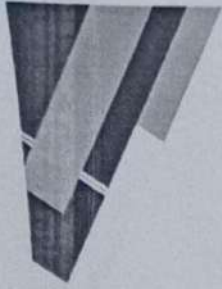
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Dr. R. Jayashankar, President IMRF

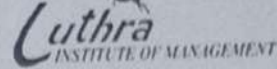
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CHODPE, TOREBELLE
VIJAYANAGARA, ANDHRA PRADESH, INDIA
05 OCTOBER 2021

3.3.3



SARVAJANIK EDUCATION SOCIETY
SMT. SHARDAKANT RAMESHCHANDER



CERTIFICATE OF PARTICIPATION

STRACTICA

The Startup Battle

This is to certify that Mr. Abhishek Sharma from Dr. Babasaheb Ambedkar Technological University, Lonere has participated as a team member and their team has secured 2nd rank in "STRACTICAL - THE STARTUP BATTLE"- A National Level Inter College Startup Plan Competition organized on 27/04/22 (Preliminary Round) and 17/05/22 (Final Round).

MAIN SPONSOR



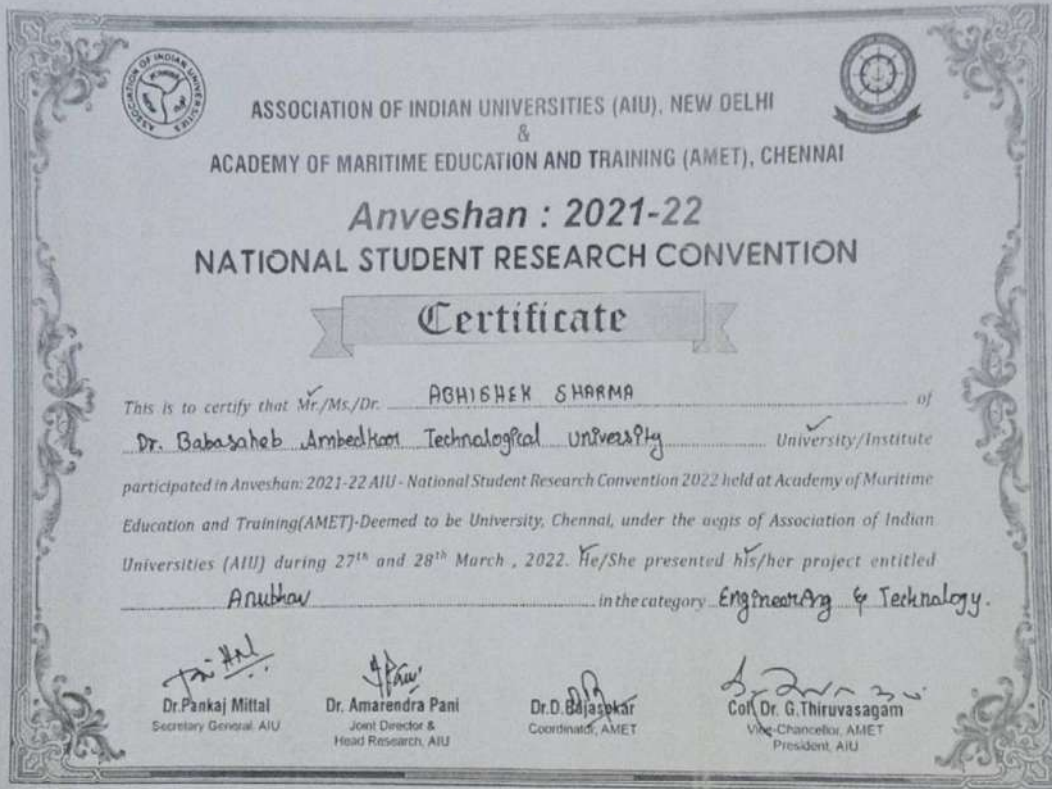
J.M.K.
Dr. Jimmy M. Kapadia
Director & Professor

Abhishek Sharma

[Signature]

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3-3-3



[Signature]

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LONERE 402 103
Tal. Mangaon, Dist. Raigad, (Maharashtra)

Geetanjali, you were recently... (PDF) Deep Transfer Learning... Round trip to London | Cool... #18 Awards - The 13th Internatic... WhatsApp

ibccs.kent.edu/index.php/awards/

HHRI

HOME ORGANIZATION CONTRIBUTION PROGRAM AWARDS REGISTRATION TRAVEL

Technical Awards

Best Conference Paper

- o Paper ID 59
 - Paper Title: Validating Pre-Requisite Dependencies through Student Response Analysis
 - Author: Manjushree D. Laddha, Swamand Navandar and Laxman Nitok

Top 2 Conference Paper

- o Paper ID 51
 - Paper Title: Alzheimer's Dementia Recognition using Multimodal Fusion of Speech and Text

Em: naddha@...

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Dr. Babasaheb Ambedkar Technological University
Tal. Mangron, Dist. Raigad, (Maharashtra)

[Handwritten Signature]

Head
Department of Computer Engineering
Babasaheb Ambedkar Technological University
Lonere-402 102 Dist. Raigad (M.S.) India

ibccs@mathesca...
type here to search

[Handwritten Signature]

Department of Computer Engineering

Godavari Foundation's

GODAVARI COLLEGE OF ENGINEERING & POLYTECHNIC, JALGAON



Estd. 1999



Certificate



One Day Virtual
"ICRAEST-2021"

16 July, 2021

In Association with



DBATU, LONERE IJIES, ISSN:2456-3463
ICRAEST-2021/BSH-05

This is to certify that, S. D. Raut, S. G. Dahotre,

L. N. Singh, S. N. Jadhav has successfully presented
the paper entitled Synthesis and Characterization of Magnetite and Cobalt
Ferrite Nanoparticles by Sol-Gel Auto Combustion
Technique

(Paper ID: BSH-05) in One Day Virtual International Conference
on Recent Advances in Engineering , Science and Technology
(ICRAEST-2021) on Friday 16 July, 2021.

The paper has been awarded as BEST PAPER AWARD - FIRST
Best Wishes ahead.

REGISTRAR
Dr. Babasaheb Ambedkar Technological Un
LONERE
Tal. Mangaon, Dist. Raichur, Maharashtra

Prof. Vijay D. Chaudhari
Co-Convenor, ICRAEST-2021

Prof. Hemant T. Ingale
Convener, ICRAEST-2021

Prof. Pravin V. Phalak
Vice Principal

Dr. Vijay H. Patil
Organizing Chair & Principal