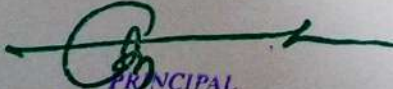


**Sree Chitra Thirunal College of Engineering**  
**Eighth Semester Mechanical Production Engineering**  
**Project Phase II Final Evaluation, May 2024**

Roll No	Project Team	Project Supervisor	Topic
401	Abhinav S.	Dr Chitrakumar V. K.	Design and development of chasis of EV autorikshaw
404	Arjun Krishna S		
405	Arya M R		
419	Abhishek H		
402	Akash M	Dr Rinu Sathyan	Development of attribute based demand forecasting to improve the responsiveness of automotive supply chain using big data analysis
407	Devaverthan M.		
414	Rahul Krishnan R.		
418	Steve Sebastian		
403	Anoop B. M.	Dr. Rinu Sathyan	A selective inventory control approach for optimisation inventory and determination of EOQ: A case study in KSRTC
411	Gokul R Krishna		
421	Aswin K. C.		
423	Jasif J. S.		
409	Diliya Ann Jaicab	Dr. Abhilash S. S.	Development of prototype for an ocean wave energy convertor using permanent magnet linear generator
415	Ravi Sankar B. S.		
426	Fazil M.		
427	Vishnubari T. V.		
406	Christo Anil	Dr Nayanjyoti Baishya	Wing twist optimization for a hybrid wing body aircraft
408	Dhruv Das		
808	Joel Robert Prabha		
837	Arjun S Nair		
410	Gauri Parvathy S.	Dr. Kavilal E. G.	Analysis of drivers and barriers on health care industry using SMES
413	Mazin Mansoor		
424	Mussamil Sha A.		
417	Sreepriya G. A.	Dr Kavilal E. G.	Contextual relationship among the key performance indicator of public transportation system using interpretive structural modeling and fuzzy micmac analysis



  
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**Trivandrum - 18**

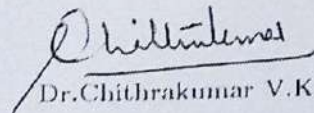
Department of Mechanical Engineering

SREE CHITRA THIRUNAL COLLEGE OF ENGINEERING,  
THIRUVANANTHAPURAM-695018.



### CERTIFICATE

This is to certify that the report entitled Design and Development of Chassis for E-Auto Rickshaw submitted by Abhinav S, Arjun Krishna S, Arya M R and Abhishek H. to the APJ Abdul Kalam Technological University in partial fulfillment of the B.Tech. degree in Mechanical Production Engineering is a bonafide record of the project work carried out by them under our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

  
Dr. Chithrakumar V.K.

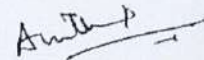
(Project Guide)

Associate Professor

Dept of ME

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Trivandrum



Dr. S.H. Anilkumar

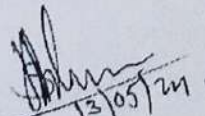
(Project Coordinator)

Professor

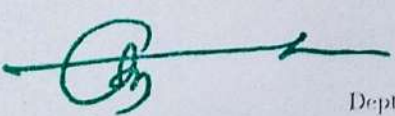
Dept of ME

SCTCE

Trivandrum

  
13/05/24  
Dr. Sabu V.R.

Dept.

  
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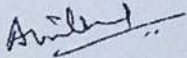


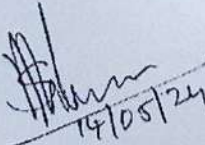
Department of Mechanical Engineering  
SREE CHITRA THIRUNAL COLLEGE OF ENGINEERING,  
THIRUVANANTHAPURAM-695018.




### CERTIFICATE


This is to certify that the report entitled Development of attribute based demand forecasting to improve the responsiveness of automotive supply chain using Big data analytics submitted by Akash M, Devavrethan M, Rahul Krishnan R and Steve Sebastian, to the APJ Abdul Kalam Technological University in partial fulfillment of the B.Tech. degree in Mechanical Production Engineering is a bonafide record of the project work carried out by them under our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

  
PROJECT COORDINATOR  
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Department of Mechanical Engineering

  
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Dr. Sabu V. J.  
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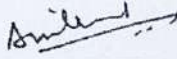
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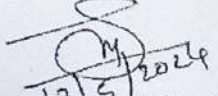
CERTIFICATE

This is to certify that the report entitled 'A Selective Inventory Control Approach For Optimisation Inventory And Determination of EOQ: A Case Study in KSRTC' submitted by ANOOP B M (SCT20MP003), GOKUL R KRISHNA (SCT20MP011), ASWIN K C (LSCT20MP021), JASIF J S (LSCT20MP023) to the APJ Abdul Kalam Technological University in partial fulfillment of the B.Tech. degree in MECHANICAL PRODUCTION ENGINEERING is a bonafide record of the Project work carried out by him under our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

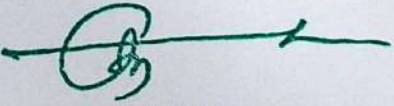
  
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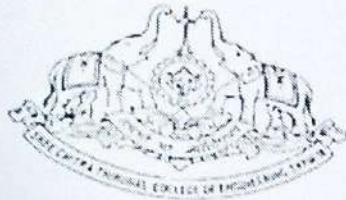
  
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DEPARTMENT OF MECHANICAL ENGINEERING.



CERTIFICATE

Certified that seminar entitled "DEVELOPEMNI OF PROTOYPE FOR AN OCEAN WAVE ENERGY CONVERTOR USING PERMANENT MAGNET LINEAR GENERATOR" is a bonafide work carried out in the seventh semester by "DILIYA ANN JAICAB(SCT20MP009), RAVI SANKAR B.S(SCT20MP015), SAYED FAZIL M(SCT20MP026), VISHNUHARI LV(SCT20MP027)" in the partial fulfilment for the award of Bachelor of Technology in "MECHANICAL ENGINEERING (PRODUCTION)" from APJ Abdul Kalam Technological University during the academic year 2023-2024. Who carried out the seminar under the guidance and no part of this has been submitted earlier for the award of any degree.

PROJECT GUIDE(S)

Dr. Abhilash S.S  
Assistant Professor

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14/12/2024  
SAB  
Submitted

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Associate Professor

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THIRUVANANTHAPURAM

2023-24



CERTIFICATE

This is to certify that the report entitled WING TIP TWIST ANGLE OPTI-MIZATION FOR A HYBRID WING BODY AIRCRAFT submitted by Christo Anil (SCT20MP006), Dhruv Das (SCT20MP008), Joel Robert Prabha (SCT20MP012) & Arjun S Nair (SCT20MP020) to the APJ Abdul Kalam Technological University in partial fulfillment of the B.Tech. degree in Mechanical Production is a bonafide record of the project work carried out by him under our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

*Baishya*  
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Dr.Sabu VR  
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*Principal*

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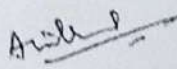
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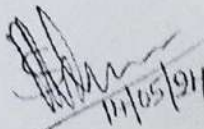
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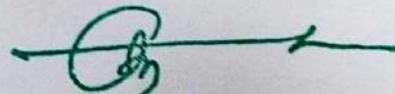
This is to certify that the report entitled Analysis of drivers and barriers in health care SME's using Structural Equation Modelling with SPSS AMOS submitted by Gauri Parvathy S, Muhammed Mazin Manzoor V, Musannil Sha A , to the APJ Abdul Kalam Technological University in partial fulfillment of the B.Tech. degree in Mechanical Production Engineering is a bonafide record of the project work carried out by them under our guidance and supervision. This report in any form has not been submitted to any other University or Institute for any purpose.

  
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S. Anil Kumar

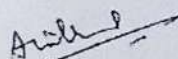
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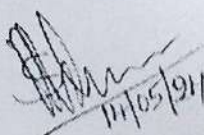
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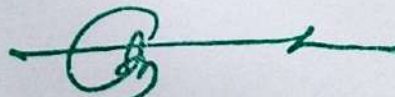
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