# Mr. ANSAL MUHAMMED K

☑ ansalmuhammed@icet.ac.in In ANSAL MUHAMMED K
♦ https://icet.ac.in/faculties/3/staff-profile



## **Employment History**

January 2012 – • • • • • • • • • • • • • • • • • •		Assistant Professor, Department of Mechanical Engineering, Ilahia College of Engineering and Technology
June 2011 – January 2012	_	Site Engineer. Ganga Constructions and Engineering, BPCL-Kochi.
May 2010 – May 2011		Site Engineer. M and M Engineering, BPCL-Kochi.
Education		

2015	Ph.D(Pursuing), Karpagam academy of higher education : .
2012 – 2014	Post Graduation, ANNA University: ME in Engineering Design, Maharaja Engineering College, Avinashi. Thesis title: Starch Derivative Bio plastic From Potatoes And Estimate Its Mechanical Properties.
2006 – 2010	<b>Under Graduation, MG University:</b> B.Tech in Mechanical and Engineer- ing,SNGCE kadayiruppu. Project title: <i>Design And Fabrication of Three Axis Hydraulic Modern Trailer</i> .

### **Research Publications**

#### **Journal Articles**

- 1 K. A. Muhammed, C. R. Kannan, and B. Stalin, "Performance analysis of wind turbine blade materials using nanocomposites," *Materials Today: Proceedings*, vol. 33, pp. 4353–4361, 2020.
- K. A. Muhammed, C. R. Kannan, B. Stalin, and M. Ravichandran, "Experimental investigation on aw 106 epoxy/e-glass fiber/nano clay composite for wind turbine blade," *Materials Today: Proceedings*, vol. 21, pp. 202–205, 2020.
  - D. Poovathumkal, J. Joy, and K. Ansal Muhammed, "A study on mechanical properties of treated palm seed fiber epoxy composite," *Journal for Research Volume*, vol. 2, no. 07, 2016.

#### **Conference Proceedings**

- A. M. K, "Automated high rise building glass cleaner," in *Mechanical Engineering Organized by research* and development cell, Ilahia college of Engineering ad Technology, National Conference, 2021.
- A. M. K, "Self balancing electronics scooter for disabled peoples," in *Mechanical Engineering Organized* by research and development cell, Ilahia college of Engineering ad Technology, National Conference, 2021.
- A. M. K, "Experimental investigation on aw106 epoxy/e-glass fiber/ montmorillonite nano-composite for wind turbine blade application"," in *International Conference on Advances in Engineering and Technology. Karpagum University, Coimbatore,* international conference, 2018.
  - A. M. K, "Analysis of mechanical failures in wind turbine blades"," in *Karpagum University, Coimbatore on December 2017*, National Conference, 2017.

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A. M. K, "Investigation on fatigue and weight reduction of composite wind turbine blade using nanoparticles," in *Karpagum University, Coimbatore on December 2016*, National Conference, 2016.

### Skills

Languages	Strong reading, writing and speaking competencies for English, Malayalam and Hindi.
Operating System	Windows10,Windows 8,Windows 7, Windows XP.
Softwares	ANSYS, Autocad ,Ms Office , C Language.
Data Base	Latex.
Misc.	Academic research, teaching, training, consultation, Latex typesetting and publishing.

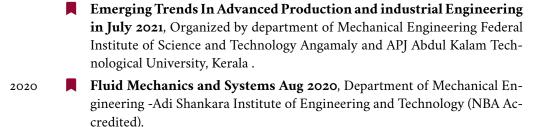
### **Miscellaneous Experience**

Certification/Affiliation	
2010 January– 2010 May	Certification.CADD CENTRE : Diploma in Product Design .
Seminars	
2020	<b>Know Everything Related To Research</b> , Research and Development cell Ilahia College Of Engineering And Technology
Workshops	
2016	<b>Mechatronics- python programmingl in 14th January 2016</b> , organized by the department of Mechanical Engineering ICET.
	<b>Non Destructive Testing in 30 th March 2016</b> , organized by the department of Mechanical Engineering ICET and Matrix Inspection and Engineering Services
2018	<b>Recent Advances in metals, Processes and applications in July 2018</b> , organized by the department of Mechanical Engineering Mar Athanasius college of engineering Kothamangalam and Kerala State council For Science ,technology and environment.
2019	<b>NBA Accreditation Process in Jan 2022</b> , National Institute of Technical Teachers Training and Research ,Chennai-Government of India ,Ministry of Human Resource Development.
	<b>Learning Management System in March 2019</b> , organized by Teaching Learning Centre at IIT Bombay

#### Faculty Development Program

- 2021 Challenges and opportunities in higher education Beyond COVID 19 in June 2021, organized by Dr. Ambedkar Institute of Technology, Bengluru
  - Supply chain Modeling and logistics management in July 2021, Organized by department of Mechanical Engineering, Viswajyothi College of engineering and technology
  - Additive Manufacturing and 3D Printing in July 2021, Organized by department of Mechanical Engineering St. Joseph's College of Engineering and Technology Palai

### **Miscellaneous Experience (continued)**



#### **Duties/Responsibilities**

2023	College Admission cell Co coordinator
	Hostel Monitoring committee convener
2022	College timetable committee co coordinator
2023	College funded project committee member
2021	Anti ragging cell committee member
	DAC Memeber of Department
	📕 ICET journal Committee Member

### References

1. Mr.Ajesh A Project Engineering M and M Engineering Phone:9895798924 2. Dr. Faisal M.H Vice Principal &Professor in ME Dept Ilahia College of Engineering and Technology Email:faisalmh78@icet.ac.in Phone:9744166337