

FAISAL M.H



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Seeking a challenging environment that encourages continuous learning, creativity, exposure to new ideas and stimulates personal and professional growth.

PROFILE SUMMARY

- ❖ PhD in Mechanical engineering with a full time teaching experience of 17.5 years.
- ❖ Working as HOD for the last 3 years in a reputed engineering college in Kerala, India
- ❖ Working as principal in charge in the absence of the principal
- ❖ Working as the University Exam cell coordinator for the last 11 years
- ❖ Working as the College Admission cell coordinator for the last 10 years
- ❖ Working as the KTU - IAC coordinator for the last 5 years
- ❖ Working as the KTU College coordinator for the last 5 years
- ❖ Worked as Asst. Professor for 12 years in a reputed engineering college in Kerala, India.
- ❖ Awarded the 'Best Teacher' of the college.
- ❖ Good experience in liaison works of the college regarding AICTE/University/Government approvals
- ❖ Staff in charge for setting up various labs of the department
- ❖ Organized various events as Technical fest, Arts fest, seminars and orientation classes in the college.
- ❖ Life Member of ISTE

PROFESSIONAL QUALIFICATION

Qualification	Institution	University/Board	Year Of Passing	% Of Mark	Class/Division
Ph.D	Karpagam Academy of Higher Education	Karpagam University	2020 January		
M. Tech Mechanical Engineering	Mar Athanasius College of Engineering Kothamangalam	M.G. University, Kerala, India	2007	7.5 CGPA (68.2%)	First
B. Tech Mechanical Engineering	Cochin University of Science and Technology	Cochin University of Science and Technology, India	2000	62%	First

PROFESSIONAL EXPERIENCES

Company/Institute	Designation	Period	Field of Experience
ILAHIA COLLEGE OF ENGINEERING & TECHNOLOGY MULAVOOR P.O. MUVATTUPUZHA	Professor and HOD- Mechanical Engineering	From Feb-2020 to till date	Department administrative activities. Main Subjects Handled: 1. I.M.E.S 2. B.M.E 3. F.M 4. O.R 5. P.O.M 6. P.P.C 7. E.M & 8. E.G. etc.. Main Labs Handled: F.M, H.M, M.E, H.E, M.T, A.M.T labs
	HOD- Mechanical Engineering	From Dec- 2016 to Jan-2020	
	Asst. professor Mechanical Engineering	From Jan- 2008 to Nov-2016	
	Lecturer Mechanical Engineering	From July 2003 to Dec- 2007	
Govt. Polytechnic College. Muttom	Guest Lecturer	From July 2002 to June 2003	
F.A.C.T (Cochin Division)	Apprentice Trainee Engineer	From July 2001 to June 2002	Maintenance work of different equipments

PUBLICATIONS

- ❖ “Static Strcutural analysis and comparison between aluminium matrix and aluminium graphite composite and aluminium graphite boron carbide composite” Journal of Mines, Metals and Fuels. Volume 65 issue# 4 (2017), Page numbers 12 - 19. (which is a Scopus indexed journal)
- ❖ “Fabrication and Micro structural analysis of LM13/B4C/Gr Hybrid Metal Matrix Composite” Journal of Adv Research in Dynamical & Control Systems, Vol. 9, No. 5,(2017) Pages 185 - 189. (which is a Scopus indexed journal)
- ❖ “Comparison of Mechanical and wearing properties between LM13 matrix and Stir cast LM13/B₄C/Gr Hybrid composites of various composition” "International Journal of Engineering and Technology" bearing Vol.7, Issue No. 1.1 (2018) special issue 1, Pages 193 - 198 (which is a Scopus indexed and Elsevier supported journal).
- ❖ “Micro structural and static structural analysis of LM6/B4C and LM6/B4C/GR hybrid aluminium metal matrix composites” "International Journal of Engineering and Technology” bearing Volume 7 No1.1 (2018) , Pages 37 - 42 (which is a Scopus indexed and Elsevier supported journal)
- ❖ “Investigation on mechanical and wear properties of Aluminium based metal matrix composite reinforced with B4c, Gr and Fly ash”. Advanced manufacturing and material

Science Springer nature (2018) pages 379-385 (which is an Scopus indexed and Springer supported journal)

- ❖ “Fabrication of LM6/B4C/Gr Aluminium Metal Matrix Composite” Journal for Research, Vol. 2, Issue. 7,(Sep 2016)
- ❖ “Advanced manufacturing technology implementation on industries” International Journal of Engineering Research and Technology IJERT Volume 2, Issue 4 (April 2013)
- ❖ “Comparison of mechanical and wearing properties between LM6, LM6/B4C and LM6/B4C/Gr aluminium metal matrix composites”- waiting for publication.
- ❖ “Investigation on wear behavior of LM13/ B₄C/ Gr hybrid Aluminium Metal Matrix Composite”- waiting for publication.
- ❖ “Effect of Boron Carbide and Graphite particle on Coefficient of Friction of LM13/B₄C/Graphite Hybrid Aluminium Metal Matrix Composite.” waiting for publication.

CONFERENCES

- ❖ “Investigation on mechanical and wear properties of Aluminium based metal matrix composite reinforced with B₄C, Gr and Fly ash”. International Conference on Advanced manufacturing and material Science ICAMMS 2018 held at MITS on 15-16 January 2018
- ❖ “Fabrication of LM13/B₄C/Gr hybrid Aluminium metal matrix composite by stir casting process and characterization of wear and mechanical properties” in the 9th Annual Research Congress - KURAC 2017 held at KAHE on 9th December 2017
- ❖ “ Fabrication of hybrid Aluminium metal matrix composite” in the 8th Annual Research Congress- KURAC 2016 held at KAHE on 3rd December 2016
- ❖ “ Impact of advanced manufacturing technology on industrial relations – A comparative study”, in the international conference Conducted by Green Valley Research Foundation Coimbatore held at Mettupalayam on 27th December 2009
- ❖ “ Design of screw conveyor system”, in the national conference held at SCMS Campus Muttom, Kerala, India ,on 4-6 October 2007

PROJECTS

- ❖ P.G projects: Design of Screw conveyor system in Binani Zink Ltd. Kochi, Kerala/India.
- ❖ U.G projects: Design of Air conditioning system, Cochin Shipyard Ltd. Kerala/India.

SHORT TERM COURSE/ WORKSHOPS/ FDPs

- ❖ Attended 5 Days short term course on N.B.A ACCREDITATION PROCESS conducted by NITTR. Chennai.

- ❖ Attended 3days short term course on Institutional development program conducted by I.I.M Kozhikode
- ❖ Attended 12 days short term course on Quality improvement program conducted by NITTR.
- ❖ Attended Two Week ISTE Workshop on Computational Fluid Dynamics conducted by ISTE
- ❖ Attended 5 days short term course on Workshop on Engineering Mechanics conducted by I.I.T Bombay remote centers
- ❖ Attended 3days FDP on Advances in Smart material application conducted by KTU and MACE Kothamangalam
- ❖ Attended 3days National workshop on recent advances in metals and process application conducted by KSCSTE and MACE Kothamangalam
- ❖ Attended 2days workshop on Engine Overhauling conducted by I.I.T Varanasi
- ❖ Attended 5 Days F.D.P on Tools, Techniques & Model for Scientific Research Sponsered by APJ Abdul kalam Technological University
- ❖ Attended 3 Days F.D.P on Innovations in Materials Engineering and Management Conducted By ISTE
- ❖ Attended 1 Day National Workshop on Oil and Gas An over view and Performance Management Organized by M.A.C Kothamangalam
- ❖ Attended 2 Days Workshop on Advances in Welding Technology Conducted By ISTE Staff chapter
- ❖ Attended 3 Days National Workshop on An Introduction to Data Analysis Using Statistical Tools Conducted By MACE ISTE Staff chapter
- ❖ Attended 3days FDP on Advances in Bio- Engineering conducted by KTU and Toc H Aarakkunnam.

PERSONAL DETAILS

Age and Date of Birth : 42 Yrs, 23-05-1978.

Languages : English, Malayalam

Address : Mattathil House Market. P O. Muvattupuzha, Ernakulam- 686673

Sex : Male

Religion : Islam

Caste : Muslim

Father's Name : HASSAN M.K

Marital status : Married

Nationality : Indian