

CURRICULAM VITAE

1. Name :U.VIVEK
 2. Designation :ASSISTANT PROFESSOR
 3. Date of Birth :19.03.1990
 4. Bank A/c No. (LVB) :0751301000157503
 5. PAN No. :AMHPV3842J
 6. Nature of Association :Regular
 7. PF No. :
 8. DOJ :03.06.2013
 9. E-mail ID :



1. Personal	VIVEK.ED90@GMAIL.COM
2. Office	VIVEKU@KSRCT.AC.IN

10. Contact Address & Phone No.:

1. Residential Address	DOOR NO:5 KAMBAN NAGER KUMARAPALAYAM, NAMAKKAL DT
2. Land line No. (Home)	-
3. Mobile	8148442364

11. Name of the Institution : K.S.Rangasamy College of Technology,
Tiruchengode – 637215.

12. Department : Mechanical Engineering

13. Academic Qualifications: (Starting from SSLC)

S. No.	School / Diploma/Degree	Board / Institution / University	Year of passing	% of marks/ points	Class	Field of Specialization
1.	S.S.L.C	Government higher secondary School, Mettur dam:1	2005	78	1 ST	State Board
	HSC	Government higher secondary School, Mettur dam:1	2007	72	1 ST	State Board
	B.E	K.S.R College Of Engineering, Tiruchengode, Namakkal. Anna university, Coimbatore.	2011	8.08	1 ST	(Mechanical)
	M.E	K.S.Rangasamy College of Technology, Tiruchengode, Namakkal. Anna university, Chennai.	2013	8.3	1 ST	M.E (Engineering Design)

14. Teaching Experience :

S. No.	Name of the Institution	Designation	From	To	Total Experience	
					Year (s)	Month(s)
1.	K.S.Rangasamy College of Technology, Tiruchengode, Namakkal.	AP	03.06.2013	05.07.2022	9Yr	3M

15. Industrial Experience :

S. No.	Name of the Industry	Designation	From	To	Total Experience	
					Year(s)	Month(s)
1.	NIL					

16. Membership in Professional Bodies:

1. ISTE LIFE MEMBER
2. ISRD Membership

17. INTERNATIONAL JOURNAL (Specify Author(s) / Topic / Journal / Volume No. / Page No. / Year):

1. Senthilkumar M S, Mohana N, SundaraRaju, Sampath P S and **Vivek U**, 'Tribological analysis of nano clay/epoxy/glass fiber by using Taguchi's technique' 'Materials and design', 2015, pp 1-9, Impact factor:3.5.

2. P Tamilarasu, JJ Praveen, B Siddharthan, **U Vivek**, M Giridharan Increment of Material Properties of EN24 Pinion by Heat Treatment Process Advanced Aspects of Engineering Research Vol. 13, 48-56

3. P Tamilarasu, JJ Praveen, B Siddharthan, **U Vivek**, M Giridharan Enhancing the material properties of EN24 pinion material by heat treatment process IOP Conference Series: Materials Science and Engineering 764 (1), 012021

4. RB Reventh, P Tamilarasu, S Vignesh, SK Vignesh, **U Vivek** FRUITS AND VEGETABLES DEFICIENCY OF MOISTURE BY SOLAR AIR DRYING SYSTEM 2017
Vegetables Engineering Research Vol. 15, 58-66

18. NATIONAL CONFERENCE (Specify Author(s) / Topic / Venue / Date / Volume No. / Page No.):

1. Presented a paper titled of fabrication of automatic inbuilt hydraulic jack for four wheeler in **National conference** on Innovation in engineering and technology organized by Narasus sarathy institute of technology salem on 23.03.2018.

2. Presented a paper in National Level Conference on Recent Trends and Advancements in Mechanical Engineering RTAME 16 "**Design and fabrication of wheelchair cum bed**" in Angel College of Engineering and Technology, Tirupur" in April 2016.

3. Participated paper titled **Engineering tribology** in National Conference on "Recent Advancements in Mechanical Engineering" RAME 2012 in K.S.Rangasamy College of Technology, Tiruchengode, Mar 2012.

4. Presented a paper titled of design and fabrication of "**Automated chicken meat cutting machine**" National conference on "Design, materials, manufacturing and construction

technologies” at N.S.N College of engineering and technology, karur on 31.03.2016.

5. Presented a paper titled of “**Design and fabrication of multi purpose machine**” in National conference on Innovation in engineering and technology organized by Narasus sarathy institute of technology salem on 18.03.2017.

6. Presented a paper titled of “**3D printing in Bio medical applications**” in National Conference on Additive manufacturing (3D printing) in Bio medical applications in K.S.Rangasamy College of Technology, Tiruchengode, 23 & 24.08.2017.

7. Presented a paper titled of “**Fabrication of automatic inbuilt hydraulic jack for four wheeler**” in National conference on Innovation in engineering and technology organized by Narasus sarathy institute of technology salem on 23.03.2018.

19. INTERNATIONAL CONFERENCE (Specify Author(s) / Topic / Venue / Date / Volume No. / Page No.):

1. Presented a paper titled of design and fabrication of industrial safety helmet using natural fiber in reinforced polymer with modified epoxy **International conference** on sustainable materials (ICSM 2K19) at K.S.R College of engineering, tiruchengode 19.03.2019 and 20.03.2019.

2. Presented a paper titled of solar grass cutter using mobile phone control **International conference** on sustainable materials (ICSM 2K19) at K.S.R College of engineering, tiruchengode 19.03.2019 and 20.03.2019.

3. Presented a paper titled of Design of exhaust fan as a source of power generation **International conference** on ADVANCEMENTS IN SCIENCE, ENGINEERING AND TECHNOLOGY (ICASET 19) at M.P. Nachimuthu M. Jaganathan Engineering College, chennimalai, erode, 16.03.2019

4. Presented a paper in International Level Conference on Futuristic Innovations in Mechanical Engineering and Manufacturing Management “**Enhancing the Mechanical Properties of Pinion Materials by Heat Treatment**” M. Kumarasamy College of Engineering, Karur” in 30th & 31st March 2017.

5. Presented a paper titled of “**Design and fabrication of pneumatic sugarcane bud cutting machine**” in 6th International conference on Advances in computing, control, communication, automation and structural engineering” (ACCCAS 17) at Al-ammun engineering college erode on 8.04.2017.

6. Presented a paper titled of “**Design and fabrication of multipurpose ride forming plough**” In the International conference on automation and computing technologies (ICACT 18) at Velammal institute of technology Chennai on 17.03.2018.

7. Presented a paper titled of “**Mechanical and tribological behavior of stir cast aluminium matrix composites**” in the international conference on Recent advancements in

design,automation and intelligent systems held on 24.03.2016 at Dr.N.G.P Institute of technology ,Coimbatore.

20. WORKSHOP / CONFERENCE / SEMINAR PARTICIPATED (1 TO 3 DAYS ONLY)

S.No.	Name of the Workshop / FDP	Date	Organization
1.	AICTE Sponsored Two Days National Workshop on “Emerging Trends in Renewable Energy”.	26.02.2014 To 27.02.2014	Department of Mechanical Engineering, K.S.R. College of Engineering, Tiruchengode.
2.	National Seminar on Research focus on Non destructive Testing and Evaluation of composite materials”.	21.02.2014	kongu engineering college ,Erode.
3.	Two Days Seminar on “Recent Developments in Prosthesis Materials and Its Challenges in Medical Applications”	3 rd & 4 th march, 2016	Department of Mechanical Engineering, KSRIET, Tiruchengode.
4.	ICMR Sponsored One day national seminar on “advanced cermet ceramic composites for medical applications”	02.06.2018	Velalar college of engineering and technology,erode.
5.	ICMR Sponsored One day national seminar on “Hydrogen fuelled vehicles”	18.08.2017	Velalar college of engineering and technology,erode.

21. STTP / FDP (4 TO 21 DAYS ONLY)(Specify Topic / Venue / Date)

1. Participated in a **TWO Weeks Faculty Development Programme** on “ME 6602 – Automobile engineering”, at Mahendra institute of technology namakkal. 3rd to 15th December 2018.

2. Participated in a **Two Weeks Faculty Development Programme** on “ME 8493 Thermal engineering I”, at Mahendra engineering college namakkal. 10th to 22nd December 2018.

3. Participated in a **One Week Faculty Development Programme** on “ME 6604 Gas dynamics and jet propulsion”, at K.S.R College of Engineering, Tiruchengode. 4th to 10th December 2017.

4. Participated in a **One Week Faculty Development Programme** on “CE 6306 – Strength of Materials”, at K.S. Rangasamy College of Technology, Tiruchengode. 12th to 19th June 2017.

5. Participated in **One Week AICTE –ISTE approved induction / Refresher programme** “Utility based energy efficient management practices with reference to industrial needs basic to advanced approaches” at kongu engineering college ,Erode on 11.06.2018 to 16.06.2018.

6. Participated in a **ONE Week Faculty Development Programme** on “ME 6702 Mechatronics”, at Mahendra engineering college Namakkal. 28th to 3rd June 2018.

7. Participated in **Two week ISTE Workshop** on Fluid Mechanics conducted by Indian Institute of Technology, Kharagpur. At Department of Mechanical Engineering, K.S.Rangasamy College of Technology, Tiruchengode. on 20.05.2014 To 30.05.2014

8. Participated in **ISTE sponsored two weeks workshop** on 'Engineering Mechanics' conducted by IIT Bombay at K.S.Rangasamy College of Technology during 26.11.13 to 06.12.13.

9. Participated in **ISTE sponsored two weeks STTP** on " **Environmental Sciences**" Organized by Indian Institute of Technology, Bombay. at K.S.Rangasamy College of Technology (Duration from 02.06.2015 to 12.06.2015)

22. PROGRAMS ORGANIZED (CONFERENCE / WORKSHOP / SEMINAR / STTP / FDP):

1. Coordinated BRNS and CSIR sponsored two days National Workshop on "Nuclear materials: Source, Energy, Safety, Medicinal uses and Harms" at K.S.Rangasamy College of Technology on 03 & 04.03.2018.

2. Coordinated one day National workshop on "current trends in Aluminium and Magnesium composite materials" at K.S.Rangasamy College of Technology on 13.03.2019.

3. Coordinated one day National workshop on "Bio composite materials" at K.S.Rangasamy College of Technology on 12.10.2017.

4. Coordinated Two days National Seminar on "Current Trends In Bio Materials and Application of Fem in Dentistry" at K.S.Rangasamy College of Technology on 09 & 10.09.2016.

5. Coordinated one day National workshop on "Manufacturing and Testing of composite materials" at K.S.Rangasamy College of Technology on 29.02.2016.

6. Coordinated one day National workshop on "Computational Fluid Dynamics" at K.S.Rangasamy College of Technology on 08.02.2016.

7. Coordinated one day National Seminar on "Composite materials" at K.S.Rangasamy College of Technology on 11.09.2015.

23. ADDITIONAL IN-CHARGE (EXCEPT TEACHING)

1. Autonomous Valuation Incharge.

2. Depot ID Card Incharge For (Faculty's, Staffs And Students)

24. AWARDS AND ACHIEVEMENTS (Academic, sports & etc.,)

1. Nptel Best Mentor 2017 (Engineering Mechanics)

2. 100 % Result For Basics Of Civil And Mechanical Engineering May 2014.

3. 100 % Result For Solid Mechanics May 2016.

4. The Best Faculty Performer In Qeee (Gears And Gear Trains Kinematics Of Machines).

25. Subject Handled

1. Engineering Mechanics

2. Kinematics of Machinery

3. Dynamics of Machinery

4. CAD /CAM

5. Applied Hydraulics and Pneumatics

- 6.Metrology and Measurement.
- 7.Applied Thermodynamics and Fluid Mechanics
- 8.Engineering Drawing
- 9.Design of Mechanical Transmission systems
- 10.Strength of Materials
- 11.Unconventional Machining Process

26. ANY OTHERS

Class advisor (2015-2019)Batch

DATE :

PLACE: TIRUCHENGODE