Name	:	Rohith Kumar H V
Designation	:	Assistant Professor
Department	:	Mechanical Engineering
College/ Institute	:	Kalpataru Institute of Technology,Tiptur Tumkur(Dist),Karnataka State - 572201
Date of Joining	:	01-08-2012
Length of Professional Experience	:	Since 01-08-2012 to till date

Personal and Contact Details		
Email	:	rohithmailbox@gmail.com, rohithmailbox@kittiptur.ac.in
Mobile	:	+91 9901467743
Communication Address	:	Rohith Kumar H V Assistant Professor Department of Mechanical Engineering Kalpataru Institute of Technology Tiptur Tumkur(Dist),Karnataka State - 572201
ORCID	:	https://orcid.org/0009-0002-2066-6443
Research Gate	:	https://www.researchgate.net/profile/Rohith Kumar H V
LinkedIn	:	https://www.linkedin.com/in/rohith-kumar-08003b13/
Web of Science	:	https://www.webofscience.com/wos/author/record/MTE-3356-2025
Vidwan-ID	:	https://vidwan.inflibnet.ac.in/profile/40431
Research Area	:	Polymer matrix Composites, Metal Matrix Composites. Natural Composites.

Academic Details
M.Tech in Machine Design at UBDTCE, Davangere, Dvangere University,2012
B.E. in Mechanical Engineering at BIET Davangere,VTU University,2009
PUC in Government Science College at Chitradurga,2005
SSlC in Government Fort High School at Chitradurga,2003

Research and Article Publications

1. Power Flow Management of Hybrid Pv/Wind Battery/ultra capacitor/ system using AOA-DTGMGCN approach.

Sponsored Project (Under Guideship) :

1. The Project "**Arecanut Tree Climbing and Cutting Machine**" has been selected by **KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY** in the year **2019-2020.**

Professional Membership

1. **Life Member of ISTE (LM-96715).**

Technical Skills

1. **M S Office** : Word, Power Point, Excel.
2. **Modeling & Analysis Package** : Solid Edge & Ansys.

Responsibilities Handled in College:

1. **Assistant Co-Ordinator for BOE (Board of Examination)** in Kalpataru Institute of Technology, Tiptur, VTU Belagvai during the year **2025 under the Professor Dr Viswanatha B M.**

2. Co-ordinated in conducting the Intellectual Property Awareness program under **National Intellectual Property Awareness Mission** on February 25, 2022.

3. **Assistant Co-Ordinator for BOE (Board of Examination)** in Kalpataru Institute of Technology, Tiptur, VTU Belagvai during the year **January 2024 under the Professor of Dr. Kiran T.S.**

4. **NPTEL SPOC** for the Kalpataru Institute of Technology, Tiptur from **09 March 2023 to till date**.

5. Co-ordinator fo**r "South India Project Exhibition"** during the year **May 2022** in Kalpataru Institute of Technology, Tiptur.

6. **Placement Co-ordinator** has a deputed to the Department of Training & Placement Cell from the **20th January 2022 to till date**.

7. Co-ordinator for **"Toyacthon 2021 Digital Edition" in Kalpataru Institute of Technology, Tiptur** by Government of India in **June 2021.**

8. Co-ordinator for **AICTE – ISTE Refresher Program on Thermal Engineering (Phase-3),** in Kalpataru Institute of Technology, Tiptur, from **22nd to 28th April 2021**.

9. Co-ordinator for **"South India Project Exhibition"** during the year **May 2020** in Kalpataru Institute of Technology, Tiptur.

10. Co-ordinator for **"GANDI GLOBAL SOLAR YATRA"** in Kalpataru Institute of Technology, Tiptur in **2nd Oct 2019,** initiative by IIT Bombay.

11. **Assistant Co-Ordinator for BOE (Board of Examination)** in Kalpataru Institute of Technology, Tiptur, VTU Belagvai during the year **June 2019 under the Professor Of Dr. Nandeeshaiah B. M.**

12. **Assistant Co-Ordinator for BOE (Board of Examination)** in Kalpataru Institute of Technology, Tiptur, VTU Belagvai during the year **Dec 2017 under the Professor of Dr. Kiran T.S.**

13. Co-Convener for **National Conference (Mechmastic-2k17) & "South India Project Exhibition" (SIPE -2K17),** in Kalpataru Institute of Technology, Tiptur during the year 2017.

14. Co-Editor for Departmental News Letter magazine**.**

15. Co- ordinator for Technical Seminar, Internship & Project.

NPTEL Online Certification:

1. NPTEL Online Certification completed the course on "**Robotics**" conducted by Indian Institute of Technology, Kharagapur, held from July-Sep, 2021.

2. NPTEL Online Certification completed the course on "**Introduction to composites**" conducted by Indian Institute of Technology, Kanpur, held from July-Oct, 2021.

Conference Attended:

1. **"International Conference on Emerging Research trends in mechanical Engineering (ICERTME)"** organized by Departmental of Mechanical Engineering, held on 6th and 7th July, 2017 at Reva University, Bengaluru -560036.

2. **"National Conference on Recent trends and Innovational in Mechanical Engineering and Technology RTIMET-2019"** organized by Departmental of Mechanical Engineering, held on 3rd and 4th May-2019 at Cambridge Institute of Technology, K.R.Puram, Bengaluru -560036.

Workshops and Training Attended (Offline):

1. **"One day workshop on 3D printing and Overhauling of IC Engine"** on 27th Feb 2020 organized by Department of Mechanical Engineering, Kalpataru Institute of Technology, Tiptur.

2. **"New model curriculum for first year B.E/B.Tech – CBCS detailed syllabus as per outcome based education format including course outcome and Bloom's taxonomy"** Under TEQIP-1.3 for the course workshop and Engineering graphics under mechanical Engineering Board held on 09-05-2018**,**

BNMIT, Bengaluru, organized by VTU, Belagavi.

3. Faculty Development programme on **"Advances in Image Processing and Computer Vision Applications using Python and Open CV",** Conducted by Department of Electronics and Communication Engineering, Kalpataru Institute of Technology, Tiptur from 11th to 23rd of December 2017, and Sponsored by AICTE.

4. **"Hybrid Composites: Manufacturing, Mechanics and Materials"** held at NITK, Surathkal during 18th to 22nd December 2016 sponsored by GIAN. MHRD, GOI.

5. Faculty Development programme on **"CNC – Programming, Simulation and Hands on Experience"** organized by Department of Mechanical Engineering, Jyothi Institute of Technology, Bangalore, from 18th & 19th December 2014. Sponsored by ISTE – New Delhi, in association with Kriatec services-Edge cam.

6. Faculty Development programme on **'Design Engineering lab"** organized by Department of Mechanical Engineering, KSIT, and Bangalore on 16th 17th & 18 of October 2014.

7. **"Engineering Mechanics"** Conducted by IIT Bombay at S.D.M college of Engineering & Technology, Dhavalagiri, Dharwad, from 26th November to 06th December 2013.

8. **"College for Leadership and Human Resource Development"** KIT, Tiptur, from 28th to 30th of January 2013.

9. **"Inplant Traing"** in Visvesvaraya Iron and steel Plant, SAIL, Bhadravathi, from 4th July 2011 to 30th July 2011.

10. **"Entrepreneurship Awareness Camp"** held from 25th to 27th September 2008 at Bapuji Institute of Engineering & Technology, Davangere, and Conducted by ISTE students' chapter & Industry Institute Partnership Cell & Sponsored by ISTE & National Science & Technology Entrepreneurship Development Board, New Delhi.

11. **"Personality Development"** Conducted by QSIT Process and Consulting Services Private Limited On 13th and 14th of October, 2006 at Bapuji Institute of Engineering & Technology, Davangere.

12. **"C – Programming"** from 25th July 2005 to 26th Sep 2005 and has been placed in "A" grade at the Chitradurga.

Workshops and Training Attended (Online):

1. Participated in one week online Faculty development Programme on **"Artificial Intelligence and Machine learning for Mechanical Engineers"** organized by Department of Mechanical engineering in Association with New Gen, IEDC, DST, Govt. of India ED Cell-BNMIT from 9th to 13th August 2021

2. Participated & completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on Importance of Artificial Intelligence in Robotics at Indian Institute of Information

Technology Design and Manufacturing Kurnool from **20/01/2025 to 25/01/2025.**

3. Participated in One Week FDP on**" Cyber Security and Ethical Hacking"** organized by Kalpataru Institute of Technology from 12th Feb -17th Feb 2024

4. One Week Faculty Development Program (Hybrid Mode) on **"Employing Industrial Quality Management Systems for Quality Assurance in Outcome-Based Education"** (OBE)-2024 from 19th June to 24th June, 2024 organized by Department of Mechanical Engineering, SVERI's College of Engineering, Pandharpur.

5. Participated & completed AICTE Training and Learning (ATAL) Academy Faculty Development Program on "Digital Manufacturing & Design Technology" at PANIMALAR ENGINEERING COLLEGE from **09/12/2024 to 14/12/2024.**

6. One Week Online AICTE–VTU Joint Teachers Training Programme on **"Robotics & Artificial Intelligence"** from **24th to 28th April 2023** Organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101.

7. Participated in IP Awareness/Training program under **National Intellectual Property Awareness Mission** on February 25, 2022.

8. One Week AICTE – VTU Joint Teachers Training Programme on **"An Overview of Teaching Techniques in Innovation & Design Thinking"** between **27th & 31st December 2021** Organized by VTU Human Resource Development Centre (VTU -HRDC), Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101.

9. Participated & completed successfully AICTE Training and Learning (ATAL) Academy Online Elementary FDP on **"3D Printing & Design - Materials, Solutions, & Applications"** from **06/12/2021 to 10/12/2021** at JSS Academy of Technical Education.

10. Participated & completed successfully AICTE Training And Learning (ATAL) Academy Online Elementary FDP on "ROBOTICS- The Machine Power for Industrial Automation" from 15/11/2021 to 19/11/2021 at Sri Eshwar College of Engineering.

11. One Week AICTE–VTU Joint Teachers Training Programme on "Introduction to Python Programming & its Applications" from 13th to 17th March 2023 Organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101.

12. One Week AICTE–VTU Joint Teachers Training Programme on "Introduction to Internet of Things (IoT)" from 17th to 21st April 2023 Organized by Visvesvaraya Technological University, Centre for PG Studies, VIAT, Muddenahalli, Chikkaballapur (Dist.) - 562101.

13. Online Webinar on "**Research Methodology and Data analysis**" Conducted by Department of Science and Technology, Govt. of Karnataka, Karnataka Science and Technology Academy (KSTA), held from 17th to 20th June 2020.

14. One week live online certificate course on "**Composite Materials and Characterizations**" conducted

by the Department of Mechanical Engineering, Acharya Institute of Technology, Bengaluru, held from 22nd to 26th June 2020.
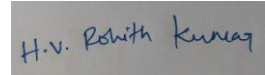
15. International Virtual one week workshop on "**Material Characterization using DMA**" conducted by the Department of Mechanical Engineering, Acharya Institute of Technology, Bengaluru, held from 6th to 10th July 2020.

Personal Details :

Name   : Rohith Kumar H V

Mother Name   : Vimalabai R

Father Name   : HemlaNaik L

Spouse Name   : Shwetha M S

Gender   : Male

Date of Birth   : 23/01/1987

Languages known   : English, Kannada & Hindi.

Declaration:

I declare that the information given above is true to the best of my knowledge.

H.V. Rohith Kumar

Place: Tiptur   **(Rohith Kumar H V)**