

**Mr. B. Kishan**

Assistant Professor (Contract),  
Department of Mechanical Engineering,  
JNTUH University College of Engineering, Science & Technology Hyderabad,  
Hyderabad -85

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**Personal Details:**

Name	:	<b>KISHAN BANOTHU</b>
Father's Name	:	Sri. B. Mangtha
Mother's Name	:	Late Smt. B. Laxmi
Spouse's Name	:	<b>Smt.D. Anitha</b>
Daughter's Name	:	Ms.B. Nehitha
Son's Name	:	Mr.B. Vihaan
Date of Birth	:	<b>18<sup>th</sup> March 1982</b>
Nationality	:	Indian
Religion	:	Hindu
<b>Residential address</b>	:	<b>B.Kishan s/o. Mangtha</b> Enugal thanda(Vill) Itikalapally (Post) Narsampet(Mondal) Warangal (Dist.) Telangana State Pin:506132
<b>Address for Communication</b>	:	<b>Sri.B. Kishan</b> <b>Assistant Professor (Contract)</b> Department of Mechanical Engineering, JNTUH-UCESTH, JNT University, Kukatpally, Hyderabad- 500085, Telangana, INDIA
<b>Electronic communication</b>	:	Mobile No.: 9701359480 E-mail: <a href="mailto:kishanbanothu@gmail.com">kishanbanothu@gmail.com</a>

**Academic Chronicle:**

Qualification	College/Institute	Board/University	Year of passing
(Ph.D)	JNTUniversity Hyderabad	JNTUH	Thesis Submitted
M.Tech	JNTUH-CEH	JNTUH	2012
B.TECH Mechanical Engineering	Kakatiya Institute of Technology & Science, Warangal.	Kakatiya University	2005
Inermediate	Adarsha Junior College, Hanamkonda	B.I.E-A.P	2000
SSC	A.P.R.S.(B.C)S.School, Nalgonda(dist)	B.S.E.-A.P	1998

- selected for the award of UGC-Post Graduate Scholarship for Professional Courses for the year 2010-11.

**Professional Teaching Experience:**

Name of the Organization	Position held	Date of Joining	Date of Leaving	Period of work
Dept.of Mechanical Engg, JNTUH-CEH Hyderabad.	Assistant Professor (contract)	28-12-2012	Still Working	11 years

**Professional Industrial Experience:**

Name of the Organization	Position held	Date of Joining	Date of Leaving	Period of work
Tigaksha Metallics (P) Ltd., Hyderabad	Trainee Engineer	30 <sup>th</sup> July 2006	06 <sup>th</sup> March 2007	07 Months
Speck Spatial Tech (P) Ltd., Hyderabad	CAD Engineer	20 <sup>th</sup> July 2007	26 <sup>th</sup> April 2010.	2 Years 09 Months

**Technical skills:**

- Operating systems : Windows XP, Windows98, MS-DOS
- Mechanical Packages : **Auto-Cad, A-cad Map, Microstation, Pro-Engineer, UG. ANSYS, ABAQUS.**
- Packages : MS-office

**Other skill skills:**

Strength Good communication, interpersonal skills, ability to maintain good inter-personal relationships and efficient managing skills.

**Positions & Responsibility:**

1. Appointed as Observer for **TS EAMCET – 2023** on 10/05/2023 to 14/05/2023 at Idz karmanghat, Hyderabad.
2. Appointed as Observer for **TSSPDCL – 2022** (written test) on 17/07/2022 at VNR Vignan Jyothi Institute of Engineering & Technology (VNRVJIET), Hyderabad.
3. Appointed as **Zonal Officer** in GHMC Elections. Hyderabad,Telangana 2020 of 124-Allwyn Colony, 24-Kukatpally on 01/12/2020.
4. Appointed as Observer for **AP EAMCET – 2020** (In pursuance of the Government orders, the special session of common entrance test) on 07/10/2020 at Idz LB Nagar, Hyderabad.
5. Appointed as Observer for **AP EAMCET – 2020** (In pursuance of the Government orders, the common entrance test) on 17<sup>th</sup>,18<sup>th</sup>, 21<sup>st</sup> & 22<sup>nd</sup> September 2020 at Idz old Alwal, Secunderabad.
6. Appointed as **Assistant Presiding Officer** (EID: 29626) in General Elections to House of People (Lok Sabha) Telangana 2019 of 043-Medchal, Malkajgiri Council Constituency on 11/04/2019
7. Appointed as **Other Polling Officer** (EID: 29626) in General Elections to the Telangana State Legislative Assembly of 047-Uppal Assembly Constituency on 07/12/2018
8. Appointed as Observer & Route Officer for TREIRBT– 2018 at Nagole Institute of Technology and Science on 13/10/18
9. Appointed as Observer & Route Officer for TREIRBT– 2018 at Nagole Institute of Technology and Science on 03/10/18
10. Appointed as Observer & Route Officer for TREIRBT– 2018 at Nagole Institute of Technology and Science on 01/10/18
11. Appointed as Observer & Route Officer for TREIRBT– 2018 at NallaMalla Reddy Engineering College on 11/10/18
12. Appointed as Observer & Route Officer for TREIRBT– 2018 at Aurora’s Scientific Technological Institute on 28/09/2018
13. Appointed as Observer & Route Officer for TREIRBT– 2018 at Aurora’s Scientific Technological Institute on 06/10/2018

14. Appointed as Observer for TSLPRBT– 2018 at St. Ann's College For Women, Wing-2 on 30/09/2018
15. Appointed as Observer for TS EAMCET-2017 at Rishi M.S. Institute of Engineering for women, Hyderabad on 12<sup>th</sup> May, 2017.

**Subjects Taught: Post Graduate (M. Tech) Level:**

1. Design for Manufacture and Assembly
2. Product Design & Development
3. Advanced Metal Forming
4. Theory of Metal Cutting & Tool Design
5. Intelligent Manufacturing Systems
6. Design for Manufacturing of MEMS and Micro systems
7. Advanced CAM
8. Advanced Casting and welding Technology
9. Advanced CNC Technology
10. Geometric Modeling
11. Precision Engineering
12. Computer Integrated Manufacturing
13. Total Quality Management
14. Industrial Robotics
15. Special Manufacturing Processes

**Subjects Taught: Under Graduate (B. Tech) Level :**

1. Engineering Graphics
2. Engineering Mechanics
3. Production Technology
4. Instrumentation Control Systems
5. Machine Drawing
6. Mechatronics
7. CAD/CAM
8. Basics of Mechanical Engineering
9. Environmental Science
10. Material Science
11. Automation in Manufacturing

**Laboratories Dealt at UG & PG Level:**

1. Production Technology Lab
2. CAD/CAM Lab
3. Advanced Manufacturing Processing System Lab
4. Material Testing Evolution Lab
5. Basic Workshop Practicals for Engineering Students.

6. Engineering Drawing Practice
7. Production Drawing Practice
8. Machine Drawing Practice
9. Kinematics & Dynamics Lab

#### Reviewed Journals:

- Engineers Australia Technical Journals, *Taylor & Francis* (AJME - Scopus Indexed) Reviewed Manuscript Number: EATJ-D-18-00850 Paper entitled “Evaluating Machining Performance of AISI 1014 Steel using Gingelly oil as Cutting Fluid”.
- Australian Journal of Mechanical Engineering, *Taylor & Francis* (AJME - Scopus Indexed) Reviewed Manuscript Number: TMEC-2019-0021 Paper entitled “Multi-Objective optimization to target surface roughness and maximize the material removal rate in dry turning of AISI 316L with PVD Cermet tool”.

#### List of Papers Published in National Conferences :

1. **B. Kishan**, Dr. B.Sudheer Premkumar, Dr. S. Gajanana, B.Ravi kumar (2021) “Development of Regression Model for Metal Removal Rate Using Al6061+SiC Tool on EDM” is presented on “**Mathematical And Statistical Techniques in Engineering Research-2021 (MASTER-2021)**”. Organized by Faculty of Mathematics, Applied Sciences & Humanities Department in collaboration with Society for Development of Statistics MVSR Engineering College held on 08<sup>th</sup> and 09<sup>th</sup> November 2021, at Hyderabad -India.

#### List of Papers Published in National Journals :

1. **B. Kishan**, B.Sudheer Premkumar, S. Gajanana, B.Ravikumar, PVK Chaitanya Kumar (2019) “Regression model for surface roughness on EDM using Al6061+ SiC, Copper & Brass Tools” Published in UGC recognised journal for engineering sector Manufacturing Technology Today-MTT, Vol. 18, No. 9, September 2019.

#### List of Papers Published in International Journals :

1. **B. Kishan**, B.Sudheer Premkumar, S. Gajanana, A.Balaramnaik, PVK Chaitanya Kumar (2020) “ Comparative study of Aluminium alloy 6061 tool with Graphite, Copper and Brass tool in EDM.” International Journal of Mechanical and Production Engineering Research and Development (IJMPERD) ISSN(P)–2249-6890, ISSN(E)-2249-8001, Vol.10, Issue :3, June 2020, 10839-10848.
2. **B. Kishan**, B.Sudheer Premkumar, S. Gajanana, A.Balaramnaik, PVK Chaitanya Kumar (2020) “Investigation And Analysis Of Al6061 Tool With Blended Dielectric Fluid On

Edm” Published in UGC recognised journal for **Compliance Engineering Journal (CEJ)**  
ISSN No. –0898-3577, Vol.11, Issue :12, 6<sup>th</sup> December 2020, 17-27.

#### List of Papers Published in International Conferences :

1. N Sunil Naik, Dhanunjay Kumar Ammisetti, **B Kishan**, Suresh Chitturi (2022), “Experimental Analysis of Azolla Biodiesel Blends in CI Engine” Book-Chapter Innovations in Mechanical Engineering: Select Proceedings of ICIME2021, Published in Springer Nature Singapore, 379-390.
2. **B.Kishan**, Dr.B.Sudheer Prem Kumar, Dr. S. Gajanana, N.Sunil Naik, “*Experimental Evaluation of EDM Performance on EN8 Steel using Taguchi Technique*” **1<sup>st</sup> International Conference** on Technology Innovation in Mechanical Engineering” (TIME-2021) Organized by the Department of Mechanical Engineering, Sagar Institute of Science & Technology, Gandhi Nagar, Bhopal, India.10<sup>th</sup> &11<sup>th</sup> May 2021Bhopal, India.
3. **B. Kishan**, Dr. B.Sudheer Premkumar, Dr. S. Gajanana, PVK Chaitanya Kumar (2020) “Effect of nano powder additives in blended dielectric for Al6061+Sic Tool on EDM” is presented “**International Conference on Science Technology and Management (ICSTM-20)**”. Organized by Institute for Research and Academic Journal (IRAJ) held on 08<sup>th</sup> March, 2020, at Hubli, Karnataka-India.
4. **B. Kishan**, B.Sudheer Premkumar, S. Gajanana, B.Ravikumar, PVK Chaitanya Kumar (2019) “Development of Regression Model for Al6061+Sic Tool and Optimization of Process Parameters on Electro Discharge Machining” is presented “**3<sup>rd</sup> International Conference on Recent Trends in Science, Engineering and Mathematics (ICRTSEM 2019)**”. Organized by KUTTUMB INTERNATIONAL held on 21<sup>st</sup> to 22<sup>nd</sup> September, 2019, at Radisson Goa Candolim, GOA-India.
5. **B. Kishan**, B.Sudheer Premkumar, S. Gajanana K. Buchaiah, M.A.Gaffar (2017), “Development of Mathematical Model for metal removal rate on EDM using copper and Brass electrodes” is presented “7<sup>th</sup> International Conference on Materials Processing and Characterization (ICMPC-2017)” Department of Mechanical Engineering, Gokaraju Rangaraju Institute of Engineering and Technology(GRIET) Hyderabad , Telangana in collaboration with Maulana Azad National Institute of Technology (MANIT), Bhopal,M.P, India, during 17<sup>th</sup>- 19<sup>th</sup> March, 2017.
6. Ravi Gugulothu, Naga Sarada Somanchi, Hima Bindu Banoth and **Kishan Banothu** (2015), “A Review on Solar Powered Air Conditioning System”, is presented “International Conference on Global Challenges, Policy Framework & Sustainable Development for Mining of Mineral and Fossil Energy Resources: 2015-20”, Organized by Department of Mining Engineering, National Institute of Technology Karnataka, Surathkal, India, during 17<sup>th</sup>- 18<sup>th</sup> April, 2015.

7. Ravi Gugulothu, Naga Sarada Somanchi, Hima Bindu Banoth and **Kishan Banothu** (2015), “A Review on Solar Powered Air Conditioning System”, proceedings of “International Conference on Global Challenges, Policy Framework & Sustainable Development for Mining of Mineral and Fossil Energy Resources: 2015-20”, Procedia Earth and Planetary Science 11(2015), pp:361-367.
8. Ravi Gugulothu, Naga Sarada Somanchi, R Sri Rama Devi and **Kishan Banothu** (2014), “Solar Water Distillation Using Three Different Phase Change Materials”, is presented in “International Conference on Advances in Design & Manufacturing”, held on 5<sup>th</sup> –7<sup>th</sup> December, 2014 at NIT Tiruchirappalli, Tamil Nadu, India.
9. Hima Bindu Banoth, Bhramara Panitapu, Ravi Gugulothu, Naga Sarada Somanchi, Devendar G, Devender.V and **Banothu Kishan** (2014), “A Review on Performance of Solar Still with Different Techniques”, is presented in International Conference on Renewable Energy and Sustainable Development (ICRES D 2014)/International Symposium on Engineering and Technology (ISET 2014), during 9<sup>th</sup> and 10<sup>th</sup> January, 2014 at KJEE’s Trinity College of Engineering and Research, Pune.

#### **NPTEL Courses Attended:**

1. Successfully completed the NPTEL course in eight Weeks Online on “**Introduction to Abrasive Machining Process**” during January to March 2022. With a consolidated score of 73%. Organized by the IIT Tirupati.

#### **List of Workshops / Short term programs participated/Organized:**

1. Participated in Eight Weeks Online Faculty Development Programme on “**Introduction to Abrasive Machining Process**” during January to March 2022. Organized by the IIT Tirupati.
2. Participated in **one month** online UGC Sponsored “**Faculty Induction Programme-8 (FIP-8)**” held from 24/01/2022 to 28/02/2022 Organized by the UGC-HRDC, JNTUH Hyderabad, Telangana.
3. Participated in One Week Online Faculty Development Programme on “**Application of Artificial Intelligence and Machine Learning in Mechanical Engineering (AAIME-2021)**” during 18/10/2021 to 23/10/2021 Organized by the Department of Mechanical Engineering, MVSR Engineering College, Nadargul, Hyderabad.
4. Participated in Two Week Online Short-Term Course on “**Recent Advances in Materials and Challenges in Manufacturing Techniques**” during 22/03/2021 to 03/04/2021 Organized by the Department of Mechanical Engineering, University College of Engineering Kakinada (A), JNTUK, Kakinada, Sponsored by AICTE.



5. Participated in AICTE sponsored Quality Improvement Programme (QIP) Short-Term Course on “**Recent Development and Advances in CAD/CAM Applications**” Organized via online mode during 15/03/2021 to 19/03/2021 by the Department of Mechanical and Industrial Engineering, Indian Institute of Technology Roorkee.
6. Participated in Two Days Online Webinar on “**Laws of Thermodynamics & Their Applications**” during 08/02/2021 to 10/02/2021 Organized by the Department of Mechanical Engineering, JNTUH College of Engineering Hyderabad, Under TEQIP-III.
7. Participated in One Week Online Short-Term Course on “**Recent Development and Advances in Manufacturing Processes-2020**” during 07/12/2020 to 11/12/2020 Organized by the Department of Mechanical Engineering, NIT Nagaland. Sponsored by TEQIP-III.
8. Participated in a 3-Day online workshop on “preparing for UG program Accreditation” Internal Quality Assurance Cell (IQAC), JNTUH College of Engineering Hyderabad organized by JNTUH College of Engineering Hyderabad, Under TEQIP-III, during 12th to 14th August, 2020.
9. Participated in a Three day TTT Program on the topic “Modern Online Tools and Software for Remote teaching and e-content development” organized by JNTUHCEH under TEQIP III, during 4-6 August, 2020.
10. Participated in One day national Webinar on “ Processing of Light Metal Alloys and Characterization” Dated 03/07/2020. Organised by the Department of Mechanical Engineering, Raghu Institute of Technology, Visakhapatnam, Andhra Pradesh.
11. Participated in “National Level Online Quiz on Mechanical Engineering series-2” Organized by Mechanical Engineering Department College of Engineering, Ambajogai Dist. Beed (Maharashtra) Held during 17/08/2020 to 24/08/2020. Date of Exam 19/08/2020. Certificate no. 4W201C-CE000268.
12. Participated and successfully completed on National Level online Quiz on “Mechanics of Fluids and Hydraulic Machines” with score 97% conducted on 01/07/2020 by Department of Mechanical Engineering, Vidyajyothi Institute of Technology, Hyderabad.
13. Participated and successfully completed on online Quiz on “Manufacturing Technology” with score 95% conducted on 20/07/2020 by Department of Mechanical Engineering, Mother Teresa Institute of science and Technology, Sathupally.
14. Participated in a National Level One Week Online Faculty Development Programme on “**Advancements In Manufacturing And Optimization Techniques**” (AMOT) during 22/06/2020 to 26/06/2020 Organized by the Department of Mechanical Engineering, Jayamukhi Institute of Technological Sciences, Narsampet, Warangal (Rural), Telangana.



15. Participated in a 6 Days Online Faculty Development Programme on “**Automation And Robotics**” from 24/06/2020 to 30/06/2020 in association with Indian Society for Technical Education (ISTE) and MHRD Institution’s Innovation Council (MIC) Organized by the Mallareddy College Of Engineering [MRCE], Maisammaguda, Dhulapally (Post via Kompally), Secunderabad - 500100 Telangana State.
16. Participated in a Five Days Online Faculty Development Programme on **Advancements In Phase Change Material Based Thermal And Renewable Energy Techniques** from 01/06/2020 to 05/06/2020 conducted at Lakireddy Bali Reddy College of Engineering (Autonomous), Mylavaram.
17. Participated in a One Week online Faculty Development Programme on **Modelling And Optimization Techniques For Materials And Manufacturing Processes** from 18/05/2020 to 22/05/2020 conducted at Lakireddy Bali Reddy College of Engineering (Autonomous), Mylavaram.
18. Participated in a “**Symposium on Emerging Technologies: Curriculum, Industry Policy**” held on August 2, 2019 at UGC Auditorium, JNTUH, Kukatpally Hyderabad Organized by Awareness in Action
19. Participated in the AICTE Sponsered Five day Faculty Development Programme On “**Programming for Problem Solving – A Pedagogical Approach**” held from 22-07-2019 to 26-07-2019 Organized by UGC-Human Resource Development Centre, Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad, T.S
20. Participated and Organized A Five Day faculty Development Program on “**Computational Fluid Dynamics & Its applications in Mechanical Engineering**”, Jointly Organized by Department of Mechanical Engineering, JNTUH College of Engineering, Hyderabad. and Narsimha Reddy Engineering College, Hyderabad. During 23<sup>rd</sup> to 27<sup>th</sup> April 2018. Under TEQIP-III.
21. Participated in the workshop “**To train the trainers for Implementation of Induction Program in the Affiliated Colleges of JNTUH**” being organized under TEQIP-III, during 17<sup>th</sup>- 19<sup>th</sup> May 2018 at JNTUH, Kukatpally, Hyderabad.
22. Participating and Presenting a paper titled “**Development of Mathematical Model for metal removal rate on EDM using copper and Brass electrodes**” is presented “7<sup>th</sup> International Conference on Materials Processing and Characterization (ICMPC-2017)” Department of Mechanical Engineering, Gokaraju Rangaraju Institute of Engineering and Technology (GRIET) Hyderabad, Telangana in collaboration with Maulana Azad National Institute of Technology (MANIT), Bhopal, M.P, India, during 17<sup>th</sup>- 19<sup>th</sup> March, 2017.
23. Participated in the “**SciFinder – User Awareness**” workshop held on Feb 10<sup>th</sup>, 2015 at University Library, JNTUH, Telangana State.

23. Participated and Presented on a paper titled “**A Review on Solar Powered Air Conditioning System**”, is presented “International Conference on Global Challenges, Policy Framework & Sustainable Development for Mining of Mineral and Fossil Energy Resources: 2015-20”, Organized by Department of Mining Engineering, National Institute of Technology Karnataka, Surathkal, India, during 17<sup>th</sup>- 18<sup>th</sup> April, 2015.
24. Participated in the “**Faculty Development Programme on Entrepreneurship**”, organized by Entrepreneurship Development Cell, JNTUH College of Engineering Hyderabad in Association with Malla Reddy Engineering College, during 23<sup>rd</sup> June, 2015 to 07<sup>th</sup> July, 2015.
25. Participated Faculty Development Program on Industrial Practices of “**Production Technology and Metrology**”, jointly organized by Department of Mechanical Engineering (ME), University Engineering College, JNTUH Hyderabad, Osmania University College of Engineering Hyderabad and Sreenidhi Institute of Science and Technology, Hyderabad, during 4<sup>th</sup> and 5<sup>th</sup> December, 2015.
26. Participated the oneday workshop on “**Managing Intellectual Property and Enabling Non Linear Growth**” held on 01-Feb-2014, Organized under TEQIP-II.
27. Participated in the “**International Conference on Advanced Materials and Manufacturing Technologies (AMMT-2014)**”, during 18<sup>th</sup>- 20<sup>th</sup> December, 2014. Conducted by Department of Mechanical Engineering, JNTUH College of Engineering, Kukatpally, Hyderabad.
28. Participated in “**1<sup>st</sup> International workshop on the Role of thermodynamics in Engineering and Environment (IWRTEE-2013)**”, conducted by Department of Mechanical Engineering at Sagar Institute of Technology, on 31<sup>st</sup> July 2013.
29. Participated in a five day MATLAB based workshop on “**Computational Research Techniques in Design and Thermal Engineering (CRT 2013)**”, organized by the Department of Mechanical Engineering at National Institute of Technology Warangal, Sponsored by Technical Education Quality Improvement Program (TEQIP-II) during 7<sup>th</sup> August 2013 to 11<sup>th</sup> August 2013.
30. Attended the Three day “**Orientation Course**” held from 12<sup>th</sup> – 14<sup>th</sup> Sep,2013 Under TEQIP-II, Organized by JNTUH College of Engineering Hyderabad.
31. Participated in the “**2<sup>nd</sup> International Conference on Recent Advances in Design, Development and Operation of Micro Air Vehicles (ICRAMAV-2013)**” during 21<sup>st</sup> to 23<sup>rd</sup> November, 2013 at Jawaharlal Nehru Technological University Hyderabad, Kukatpally, Hyderabad, Telangana State, India.
32. Participated in one day workshop on “**Energy Conservation and Management**” conducted by Centre for Energy Studies, Department of Mechanical Engineering, JNTUH

College of Engineering Hyderabad, on 20<sup>th</sup> December, 2013, Under Sponsored by Technical Education Quality Improvement Program (TEQIP-II).

**EXTRA CURRICULAR ACTIVITIES:**

- Reading Books
- Playing games like Chess, Volleyball, Cricket, etc.

**Objective:**

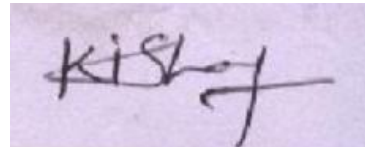
1. To be a part of a leading organization and work in a challenging position and environment where I will have opportunities to utilize my skills and abilities and nurture them.
2. To grow along with the organization by applying my Engineering knowledge.

**Declaration:**

I here by declare that all the above mentioned statements are true to the best of my knowledge and belief.

Date :

Place : Hyderabad



**(B.Kishan)**