

**Dr. PRASHANT S. HUMNABAD**

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VIDWAN: <https://vidwan.inflibnet.ac.in/profile/167677>

Google Scholar: <https://scholar.google.com/citations?hl=en&authuser=1&user=lxML4BEAAAAJ>

**PROFILE SUMMARY**

As a professional I have **13+ years** of experience in **Teaching and Research. 02 years** of work experience in **IT industry**, my objective is to become a pioneer in the educational field. I wish to work in an organization that can enhance my skills and give me ample scope to grow up with the future technologies that give a positive impact on the success of the organization.

**EDUCATIONAL QUALIFICATION**

Sl. No.	Course	Specialization	Organization / University	Year of Passing	Result
1	Ph.D.	Mechanical Engineering (Solid State Welding)	Sir MVIT / VTU Belagavi	Viva Date 24.10.2019	Degree Awarded Date 10.01.2020
2	M.Tech.	Computer Integrated Manufacturing	Sir MVIT / VTU Belagavi	Oct - 2006	75.60%
3	B.E.	Mechanical Engineering	BKIT (REC Bhalki) / VTU Belagavi	Jan - 2004	62.60%

**PROFESSIONAL EXPERIENCE**

- Working as **Asst. Professor** in Department of Mechanical Engineering at **Sir M Visvesvaraya Institute of Technology, Bangalore** from March 2013 to Till Date.
- Worked as **Lecturer** in Department of Mechanical Engineering at **Sir M Visvesvaraya Institute of Technology, Bangalore** from Nov 2008 to Feb 2013.
- Worked as **Software Test Engineer** for **Telecon Valley Ltd - Bangalore**, From Oct-2006 to Oct- 2008.

## GRANT / FUNDED PROJECTS

- a) **"Centre of Excellence (COE) to Develop Technologies in Surface Properties Modification to Enhance Mechanical Properties, Wear and Corrosion Behaviour of Materials"**, Department of Science & Technology (DST), Advanced Manufacturing Technologies (AMT) Program, **Rs. 50,90,382/-**, Project considered under Technology Development Transfer Division and Advanced Manufacturing Technology Scheme & Reference **File No. DST/TDT/AM/2022/158**
- b) Received Grant Aid of **Rs. 15,68,627/- (Rupees Fifteen Lakh Sixty Eight Thousand and Six Twenty Seven Only)** from **AICTE under AQIS – MODROB Scheme** (AQIS Application Id: 1-7083369651), **F.No.9-246/IDC/MODROB/Policy-1/2019-20, Dated: 20.07.2020** towards **Project Titled: SIEMENS Advanced Analysis Lab – \*\*Project under Progress.**
- c) Received Grant Aid of **Rs. 03/- Lakh (Rupees Three Lakh Only)** from **Vision Group on Science and Technology (VGST), Department of IT & BT - Government of Karnataka, under Research Grants for Scientist / Faculty in HEI/R&D O (RGS/F) 2019-2020** for the **Project Titled: "Solid State Welding of Ferrous and Non-Ferrous Materials for Automobile and Aviation Industrial Applications."** for research grants for faculty. **Sanction Letter No.- VGST/RGS\_F/GRD-914//2019-20/2020-21/198, Dated: 10/11/2020 - \*\*Project under Progress.**
- d) Received Grant Aid of **Rs. 1,90,100/- (Rupees One lakh ninety thousand one hundred only)** from **AICTE under AQIS under Grant for Organizing Conference (GOC) scheme (AQIS Application Id: 1-9239170527), F.No.67-15/IDC/GOC/Policy-1/2020-21, Dated: 27.04.2021. Project Completed on 17 – 19, January 2022.**
- e) Received Grant Aid of **Rs. 7000/- (Seven Thousand Only)** from **KSCST – Govt. of Karnataka, 45<sup>th</sup> Series: 2021-2022**, towards the **Project Titled: Surface Properties Modification to enhance mechanical properties, wear and corrosion behavior of materials by Friction Stir Processing (FSP)**, Ref: 45S\_BE\_3005, Date: 24.04.2022. **\*\*Project under Progress.**
- f) Received Grant Aid of **Rs. 8000/- (Eight Thousand Only)** from **KSCST – Govt. of Karnataka, 44<sup>th</sup> Series: 2020-2021**, towards the **Project Titled: GREEN JOINING TECHNOLOGY TO JOIN DISSIMILAR MATERIALS USED IN AEROSPACE AND AUTOMOBILE INDUSTRIAL APPLICATIONS**, Ref: 7.1.01/SPP/10, Date: 24.04.2021. **Project Completed**

## AREA OF INTEREST

- Automation in Manufacturing Engineering / CAD/CAM and Robotics
- Materials Engineering / Material Tensile Strength Characterization at High Strain rates and Temperatures
- Additive Manufacturing / Rapid Prototyping
- Advance Metal Joining Process
- Surface Treatment and Finishing
- Nano Materials & Bio Materials
- Design Thinking / Product Design / Product Life Cycle Management
- Data Science, Artificial Intelligence and Mechatronics.

## ICT TOOLS FOR TEACHING

- Microsoft Teams / Google Meet / Zoom and etc...
- <https://gncms.in>
- <https://new.edmodo.com/profile/edmodo-teacher-d4aaba560f>
- [https://www.youtube.com/channel/UCfOXMBYFvUA\\_ZFVFJyR3zQ](https://www.youtube.com/channel/UCfOXMBYFvUA_ZFVFJyR3zQ)
- <http://shprashant.blogspot.com>

## RESEARCH AREA

### **TITLE OF THE RESEARCH WORK:**

**"STUDIES ON PROCESS OPTIMIZATION OF SOLID STATE WELDING OF ALUMINUM-7075 AND STEEL MATERIALS WITH DIFFERENT PREHEATING CONDITIONS".**

➤ **The Objective of the Research Work Includes:**

1. Effect of preheating on Friction Stir Welding of Aluminum with Steel for constant thickness plates up-to 4 mm.
  - ✓ Heating of both aluminum and steel Materials.
  - ✓ Heating of Steel material only.
2. This study is also extended to compare results of FSW with and without preheated welded plates.
3. The strength of preheated FSW plates are planned to verify through material Testing Techniques like Tensile Testing, Hardness Testing, Impact Testing, EDAX Test with Scanning Electron Microscope (SEM).

## UG / PG SUBJECTS TAUGHT

- Computer Aided Engineering Design / Engineering Graphics
- Elements of Mechanical Engineering
- Manufacturing Process -1/2/3
- Metal Cutting and Forming / Metal Casting and Welding
- Computer Integrated Manufacturing
- Mechatronics
- Simulation Modeling and Analysis
- Supply Chain Management
- Management Information System
- Software Engineering and RDBMS

- Data Analytics for Engineers
- Simulation Modeling for Manufacturing System
- Flexible Manufacturing System
- Material Management
- Product Life Cycle Management

## TECHNICAL SKILLS

<b>Operating Systems</b>	Windows - 98/Xp, UNIX.
<b>Design Packages</b>	Auto-Cad, Solid Edge 19.0, Autodesk Alias Surface Modelling, Autodesk Vision 360
<b>Application Tools</b>	MS-Office.
<b>RDBMS</b>	Oracle 9i (Basics) and SQL
<b>Simulation Software</b>	Arena 5.0
<b>Statistical Packages</b>	SYSTAT V11
<b>SAP / ERP Packages</b>	SAP – Material Management
<b>ETL Tool</b>	Ab-Initio (Data Processing Tool)

## ADMINISTRATIVE EXPERIENCE

1. Innovation Activity Coordinator – Institution Innovation Council (IIC).  
*a) Organized Idea/PoC Pitching & Validation Institute Level PoC competition from 28 – 31, Dec. – 2020.*
2. Member - Research and Development, Sir MVIT.  
*a) Scrutiny and Advisor for writing Research Proposals for Faculty Members and Students.*
3. Coordinator – Program Advisory Committee (PAC).
4. Member - Advisory committee for Intellectual Property Rights (IPR) Cell.
5. Member - Center for Industry Institute Interaction (CIII) committee
6. Coordinator - Skill Development Cell (Faculty/Student Development Program, Industrial Visits, etc...).  
*a) Training Students on ERP Tools, Foreign Languages and Six-Sigma Certification Programs.*
7. Department Coordinator - NAAC and NBA.
8. Member Sir MVIT - Hostel Committee.

# PROPOSALS APPLIED TO VARIOUS FUNDING AGENCIES

Sl. No	Title of the Project	Name of the Funding Agency	Date of Application	Amount INR	Status
1	Centre of Excellence (COE) to Develop Technologies in Surface Properties Modification to Enhance Mechanical Properties, Wear and Corrosion Behaviour of Materials	Department of Science & Technology (DST), Advanced Manufacturing Technologies (AMT) Program	14.10.2021	Rs. 50,90,382/-	Project considered under Technology Development Transfer Division and Advanced Manufacturing Technology Scheme & Reference File No. DST/TDT/AM/2022/158
2	Modeling and Analysis of Friction Stir Welded (FSW) Dissimilar/ Composite Materials using suitable Tools / Siemens NX and optimizing the process	SERB – New Delhi, Core Research Grant Scheme File No: CRG/2021/006704	16.03.2021	Rs. 34,43,500/-	Proposal is Not Recommended
3	One Week Online Faculty Development Program (FDP) on "Quantitative Methods for Data Analysis and Process Optimization"	AICTE Training And Learning (ATAL) Academy Application Number: 1615024728	15.03.2021	Rs. 93,000/-	Proposal is Not Recommended
4	Modeling of Thermal-Mechanical process on Friction Stir Welding of Dissimilar Materials using ANSYS, Abaqus, and Data Analysis on FSW process.	AICTE – Research Promotion Scheme (RPS) – General. AQIS APPLICATION ID: 1-9292107879	30.11.2020	Rs. 22,66,000/-	Proposal is Not Recommended
5	Title of the Conference: Recent Advancements in Mechanical Engineering and Allied Fields RAMEAF-2021	AICTE_AQIS APPLICATION DETAILS - Grant for Organizing Conference (GOC) AQIS APPLICATION ID: 1-9239170527	02.11.2020	Rs. 2, 90,700/-	**Grant-In-Aid Receive** Rs. 1,90,100/-
6	Workshop on PROCESS OPTIMIZATION AND ANALYSIS TOOLS – A RESEARCH PERSPECTIVE	KARYASHALA-Accelerate Vigyan Scheme SERB - DST	29.09.2020	Rs. 4,35,600/-	File # - AV/KAR/2020/0262 Proposal is Not Recommended
7	Research Internship titled "Joint Strength Analysis of Solid-State-Welded Dissimilar Materials for Automobile and Aerospace Application"	VRITIKA - Accelerate Vigyan Scheme SERB - DST	27.09.2020	Rs. 1,46,500/-	File # - AV/VRI/2020/0163 Proposal is Not Recommended

8	SIEMENS Advanced Analysis Lab	AICTE_AQIS – MODROB AQIS Application Id: 1-7083369651	29/12/2019	Rs. 18 lakh	**Grant-In-Aid Received from AICTE** Rs. 15,68,627/-
9	Industry 4.0 and IoT – Key Elements of Digital Revolution in Manufacturing	AICTE_STTP – Short Term Training Program <b>AQIS Application Id: 1-7082129741</b>	29/12/2019	Rs. 448,000/-	Proposal is Not Recommended
10	"Applications of The Internet of Things (IoT) in Mechanical and Manufacturing Engineering Fields" a four day FDP"	VGST - Government of Karnataka , (FDP-Engg.) 2019-20".	28/11/2019	Rs. 2,00,000/-	Not Successful
11	"Solid State Welding of Ferrous and Non-Ferrous Materials for Automobile and Aviation Industrial Applications." for research grants for faculty.	VGST - Government of Karnataka, "Application for Research Grants for Scientist / Faculty in HEI/R&D O (RGS/F) 2019- 20"	28/11/2019	Rs. 3,00,000/- Lakh	** Grant Sanctioned under VGST_RGSF Scheme 2019-2020** Rs. 3,00,000/- Lakh
12	"Structural Analysis and Optimization" for a four day Faculty Development Program under "(FDP-Engg.) 2017-18".	VGST - Government of Karnataka,	07/11/2017	Rs. 2,00,000/-	Not Successful
13	"Analysis of Optimized Solid State welded / Friction Stir Welded Ferrous and Non-Ferrous Materials With Different Preheating Conditions By Using Suitable CAE Tool (Software)"	VGST - GoK, Under, Karnataka Fund for Infrastructure Strengthening in Science & Technology (K-FIST), LEVEL – 1, 2017-18.	07/11/2017	Rs. 8,85,000/-	Not Successful
14	"Application of The Internet of Things (IoT) in Mechanical and Manufacturing Engineering Fields" for a four day Faculty Development Program	VGST - Government of Karnataka, Under "Faculty Development Programme for Engineering College (FDP-Engg.) 2017-18".	4/11/2017	Rs. 2,00,000/-	Not Successful

## PAPERS PUBLISHED AND PRESENTED AT CONFERENCES

1. Dr. Prashant S H. et.al. – **Fatigue studies on aluminum 6061/SiC reinforcement metal matrix composites**, JOURNAL OF MINES, METALS & FUELS, March 2022, Pages 143 – 147.
2. Dr. Prashant S H. et.al. – **“An Overview of Direct Metal Laser Sintering (DMLS) Technology for Metal 3D Printing**, JOURNAL OF MINES, METALS & FUELS, March 2022, Pages 127 – 133.
3. Dr. Prashant S H. et.al. – **“Thermal Analysis of Friction Stir Welded Steel and Aluminum Materials with Varying Pre-heat Temperature”**, *ELSEVIER - Materials Today: Proceedings* – (Volume 52, Part 3, 2022, Pages 2143-2147), <https://doi.org/10.1016/j.matpr.2021.12.461>.
4. Dr. Prashant S. H.– **“Influence of Tool offset on Mechanical and Microstructure Properties of Solid-State-Welded Steel and AA7XXX Joints”**, *ELSEVIER - Materials Today: Proceedings* – (Volume 56, Part 3, 2022, Pages 1567-1574), <https://doi.org/10.1016/j.matpr.2021.12.595>.
5. Dr. Prashant S H. et.al. - **“Exploration on Concurrent Engineering Based Quality and Development”** International Advanced Research Journal in Science, Engineering and Technology (IARJSET), Volume 8, Issue 6, June 2021, DOI 10.17148/IARJSET. 2021.8693, Indexed in Microsoft Academic, Google Scholar, Indexcopernicus, NAAS Accredited Science Journal, Thomson Reuters ID I-8645-2017.
6. Dr. Prashant S H. et.al. – **“Product Building and Structure – An Overview”** International Advanced Research Journal in Science, Engineering and Technology (IARJSET), Volume 8, Issue 6, June 2021, DOI 10.17148/IARJSET. 2021.8694, Indexed in Microsoft Academic, Google Scholar, Indexcopernicus, NAAS Accredited Science Journal, Thomson Reuters ID I-8645-2017.
7. Dr. Prashant S H. et.al. – **“A Review of Product Life Cycle Management”** International Advanced Research Journal in Science, Engineering and Technology (IARJSET), Volume 8, Issue 6, June 2021, DOI 10.17148/IARJSET. 2021.8695, Indexed in Microsoft Academic, Google Scholar, Indexcopernicus, NAAS Accredited Science Journal, Thomson Reuters ID I-8645-2017.
8. Prashant S H and Dr. M S Ganesha Prasad - **“Process Optimization of Friction Stir Welded AA7XXX and Steel with Different Preheating Conditions”**, *ELSEVIER - Materials Today: Proceedings*, **18 (2019) 3556–3565**.
9. Prashant S H and Dr. M S Ganesha Prasad - **“An Optimization of Mechanical Properties of Friction Stir Welded Dissimilar Materials With Different Preheating Conditions”**, PAPER ID: IJMPERD FEB201956, ISSN (ONLINE): 2249-8001; ISSN (PRINT): 2249-6890; IMPACT FACTOR(JCC) (2018): 7.6197; INDEX COPERNICUS VALUE (ICV) - (2016): 60.6; NAAS RATING: 3.11; VOL - 9, ISSUE - 1; EDITION: FEB-2019 ”.
10. Prashant S H and Dr. M S Ganesha Prasad - **“A Joint Strength Analysis of With and Without Preheated Friction Stir Welded Steel and Aluminum Alloys”** International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), ISSN (P): 2249-6890; Scopus Indexed Journal, ISSN (E): 2249-8001, Volume - 8, Special Issue 6, Oct 2018, 803-811, © TJPRC Pvt. Ltd.



Received: Jul 24, 2018; Accepted: Aug 14, 2018; Published: Sep 11, 2018; Paper Id.: IJMPERDSPL201894.

11. Paper Presented on **"Microstructural Investigation of Optimized Friction Stir Welded AA6082-T6 with Soft Steel (Mild Steel)"** – Manuscript ID: RAMEAF-2017-021 held on 2- 3, November 2017 at Department of Mechanical Engineering, Sir MVIT, Bengaluru and Published: ISSN(Online) : 2319-8753 ISSN (Print) : 2347-6710, Vol. 6, Special Issue 15, December 2017, IJIRSET.
12. Paper Published on **"Effect of Weld Parameters on Mechanical Properties of Friction Stir Welded Aluminium Alloy6082-T6 and Soft Steel (Mild Steel)"** in International Journal of Engineering Research & Advanced Technology (IJERAT), ISSN: 2454-6135, Volume 3 Issue 6, June - 2017,
13. **"A Review on Friction Stir Welding"** AMMMT-2013 at Siddaganga Institute of Technology, Tumkur on 04 May 2013.
14. Published Paper on **"Influence of Green Joining Technique (FSW) on Microstructural and Mechanical Properties of Similar and Dissimilar Materials – An Overview"**, Paper ID : IJERTV4IS030419
15. Paper Published on **"Implementation 5S Strategy in an Assembly Line"**, Volume-2, Issue-1, May-2016. **IJERAT** – ISSN: 2454-6135
16. Paper Published on **"Effect of Tool on Friction Stir Welding of AA 6061"**, Material Volume-2, Issue-8, August 2016. **IJSART – ISSN (online): 2395 – 1052**
17. Paper Presented on **"Study of Mechanical Properties and Microstructural Properties of Friction Stir Welded Butt Joint between Al 7075 and SS 304 Alloys"** RAMEAF-2016 at Sir M VIT, Bengaluru on 23-24 September 2016.
18. Paper Presented on **"Effect of Preheating on Microstructure and Mechanical Properties of Friction Stir Welded Joints of Dissimilar Aluminium Alloys (AL-6082 AND AL-7075)"** RAMEAF-2016 at Sir M VIT, Bengaluru on 23-24 September 2016.
19. Paper Presented on **"Study of Microstructure and Mechanical Properties of Friction Stir Welded Joint of Similar Aluminium Alloy (AL-2024-T<sub>3</sub>)"** RAMEAF-2016 at Sir M VIT, Bengaluru on 23-24 September 2016.

## INDUSTRIAL TRAINING

1. Undergone FIVE Weeks of Industrial training in KUMAR PRESS TOOLS (SUPPLIER TO TATA MOTERS) PUNE, during graduation level.
2. Undergone EIGHT Weeks of Industrial training in GT&TC Bangalore, during post-graduation level.
3. Participated in **"IoT Boot Camp"** organized by Vmoksha Technologies Pvt. Ltd. BELLANDUR VILLAGE VARTHUR HOBLI BANGALORE 560103, on 09 - 10, September 2017.
4. Attended Three day training program on **"Training & Certification program on Welding Inspection"** organized by **Trinity NDT Engineers** Peenya Bangalore from 06 – 08 February 2017.



## PROGRAMS ORGANIZED/CONDUCTED

1. AICTE Sponsored Three Day National Conference **"Recent Advancements in Mechanical Engineering Allied Fields (RAMEAF – 2021)"** from 17 – 19, January - 2022
2. Delivered Lecture on **"Advantages of Learning Foreign Languages"** for Mechanical and IEM students along with Mr. Ravi of INLINGUIA – Bengaluru on 05/03/2020 at Mechanical Engineering Seminar Hall.
3. Organized student orientation program on **"ERP – A Digital Transformation"**, by **Rufouss Global ERP & Digital Solutions Pvt. Ltd.**, Bengaluru on 04/03/2020 at CS - Seminar Hall.
4. Organized **"Faculty Development Workshop on Intellectual Property Rights Copyrights: Significance in Digital Marketing and ethical issues in Research"** in association with the **Visvesvaraya Trade Promotion Centre (VTPC), GOK, Dept. of Industry and Commerce**, on 10 November 2017.
5. Organized GUEST LECTURE by **Mr. PRAMOD VENKAT RAO** on **"Japanese Language Skill Development Program"** to enhance job opportunities for graduates of all streams in association with **SUKURAA INDIA FOUNDATION (A Registered Charitable Trust)** on Date: 10.11.2017 (Friday), Time: 1.35 P.M.
6. Organized a **Two Day National Conference** on **"Recent Advancements in Mechanical Engineering and Allied Fields (RAMEAF-2017)"** from 2 – 3, November 2017.
7. Organized and attended a two day Skill Development Program on **"Basic Statistical Analysis using Minitab Statistical Software"** on 10 – 11, March 2017, in association with **PERFEXA EXCELLENCE ACADEMY**, Bengaluru.
8. Organized a **Two Day National Conference** on **"Recent Advancements in Mechanical Engineering and Allied Fields (RAMEAF-2016)"** from 23-24 September 2016.
9. Organized Student Development Workshop on **"WTO and the International Trade Landscape"** on 7th September 2016, in association with **Govt. of Karnataka, Visvesvaraya Trade Promotion Centre (VTPC), Department of Industries & Commerce**.
10. Coordinated One Day Faculty Development Workshop on **"Intellectual Property Rights – Benefits in Business and Research and Launch of IP CELL"** on 27<sup>th</sup> July 2016 in association with **Govt. of Karnataka, Visvesvaraya Trade Promotion Centre (VTPC), Department of Industries & Commerce**.
11. Coordinated **"National Level Bike Design Competition and Auto Expo"**, (the team **"ASPHALT DAEMONS"** of 4<sup>th</sup> Semester Mechanical Engineering) held in Acharya Institute of Technology, Bangalore on 28<sup>th</sup> & 29<sup>th</sup> April 2016 & Secured 5<sup>th</sup> place in the competition.
12. Organized Technical Talk on **"SOLIDWORKS"** on 6<sup>th</sup> February 2016 by Mr. Rajendra Kumar Sharma from AOS-Bengaluru.
13. Organized Technical Seminar on **"Finishing School in Production Technology"** on 13.02.2016, by Mr. Vijaykumar from IMTMA, Bengaluru.

14. Organized Two days student development programme on **"PART, ASSEMBLY & DRAWING CREATION IN 3D-CAD TOOL"** on 20<sup>th</sup>& 21<sup>st</sup> February 2016, by Mr. Rajendra Kumar Sharma from AOS-Bengaluru.
15. Organized **Two Day Faculty Development Programme on "Design of Experiments & Optimization Techniques (DE & OT - 2016)"** on 3<sup>rd</sup> and 4<sup>th</sup> March 2016.
16. **Organized Industrial visit** for UG students to Toyota Kirloskar Motors Pvt. Ltd., Bidadi Plant on 22<sup>nd</sup> April 2016.
17. **Organized Industrial visit** for UG students to SANSERA ENGINEERING PVT. LTD. On 10.10.2015.
18. Organized **A Three Day Faculty Development Programme (FDP) on "Advances in Welding Technologies and NDT Methods AWT&NTM-2015"** along with Centre for Industry Institute Interaction (CIII) in association with Indian Institute of Welding (IIW), Bengaluru on May 18-20, 2015.
19. Conducted Two day workshop on **"AUTOMOBILE MECHANICS AND IC ENGINES"** on 25 – 26, March 2015 in association with PRAVEGA IISC, BENGALURU – EI SYSTEM.
20. Organized a 27 Hour (14<sup>th</sup>, 19<sup>th</sup>, 21<sup>st</sup> March 2015 and 4<sup>th</sup>- 18<sup>th</sup> April 2015) SDP on **"Lean Six sigma Green Belt Certification"** Mechanical Engineering Department, Sir M VIT, Bengaluru.

#### WORKSHOPS/TRAINING PROGRAMS ATTENDED

1. Participated in the **"Three Day Online FDP on Ethical Hacking and Penetration Testing"** from 28<sup>th</sup> – 30<sup>th</sup>, May 2020, organized by Department of MCA, Sir MVIT, Bengaluru.
2. Participated in the **"One Week National Level FDP on Online Teaching-Learning Processes using ICT Tools for Education 4.0"** organized by Department of IT – SVPCET, Nagpur in association with Computer Society of India from 08 – 13, June – 2020.
3. Participated in the **"Five Day Online FDP on Multi Objective Optimization for Mechanical Engineering Applications"** on 08 – 12, June-2020 by QIS College of Engineering and Technology, Ongol – Andhra Pradesh.
4. Participated in the **"Five Days Virtual workshop on Intellectual Property Rights"** from 09 – 13, October-2020, Organized by Department of Electrical & Electronics Engineering, Sir MVIT and KSCST.
5. Attended Two Week Faculty Development Programme on **"Cloud Based CAD/CAM Tools for Product Design"** from 15.12.2017 to 29.12.2017, organized by Department of Mechanical Engineering, MSRIT, Bengaluru.
6. Participated in **"Dassault Systems 3DEXPERIENCE FORUM - Digitalization – Powering the Future of Indian Industries"** organized by EDS Technologies Pvt. Ltd. at THE LEELA PALACE, Bengaluru on 12, September 2017.
7. Participated in **TechSparks2017 conference** on 22 – 23, September 2017 09:00 AM – 06:30 PM, organized by Your Story Media Pvt. Ltd., Bengaluru at Vivanta by Taj - Yeshwantpur, Bengaluru.

8. Attended **"One week Faculty Development Program on Processing of Materials, Material Characterization and Testing"**, organized by MSRIT from 16<sup>th</sup> – 21<sup>st</sup> January 2017.
9. Attended Three Day workshop on **"Digital Sculpting for Automotive Passions"** from 23 – 25 November 2017, conducted by Department of Industrial Design, Ramaiah University of Applied Sciences.
10. Participated in **One Week National Level Workshop on "Nano-materials and Nano-composites"** from 20<sup>th</sup> to 25<sup>th</sup> June 2016, organized by Department of Mechanical Engineering, MSRIT, Bengaluru.
11. Attended **"Interactive Meeting with Faculty of Colleges on Skill Development"** organized by **FKCCI** on Tuesday, 16<sup>th</sup> February 2016 at Cabinet Hall of FKCCI, K. G. Road, Bangalore – 560009
12. Attended seminar on **"Linear Friction Welding Technology"** organized by **PES university, The Institute of Engineers (India) and Indian Welding Society** during from 24<sup>th</sup> to 25<sup>th</sup> of August, 2015.
13. Participated Industry Institute Interaction meet organized **Peenya Industrial Association (PIA)** on 8<sup>th</sup> September, 2015.
14. Participated in one day seminar on **"Friction, Lubrication and Wear (FLW - 2014)"** on 26, September 2014, organized by Department of Mechanical Engineering, Sir MVIT in association with Tribological Society of India (Karnataka Chapter).
15. Participated in one day workshop on **"Domain Knowledge Augmentation in Mechanical Engineering"** held at K S School of Engineering & Management in association with EDS Technologies Pvt. Ltd. And Confederation of Indian Industry on 31, January 2014.
16. Participated in the International Conference on **"Friction Based Processes - 2014"** held during 3 – 5, September 2014, at Department of Mechanical Engineering, IISc, Bengaluru.
17. Participated in a Three Day National Workshop on **"Friction Stir Welding, NDT and Optimization"** organized by Department of Mechanical Engineering, NIT – Warangal on 9 – 11, January 2014.
18. Participated in one day workshop on **"Solar Energy – Today's Resource for Brighter Tomorrow"** on 24, August 2013, organized by Department of Mechanical Engineering, SIT – Tumkur.
19. Participated two day workshop on **"Research Methodologies and Latex"** organized by VTU e-Learning Centre, Mysore on 4 – 5, February 2013 at BIT – Bengaluru.
20. Participated in Two Day Workshop on **"Innovative Teaching Methods in Technical Education"** held on 6 – 7, February 2009, organized by Department of Computer Applications, Sir MVIT, Bengaluru.
21. Participated in National Symposium on **"Strategies and challenges in New Product Development"** held on 29 – 30, January 2009, organized by Department of Mechanical Engineering, Sir MVIT, Bengaluru.

## SPONSORSHIP FOR EVENTS

- Sponsorship for a Two Day National Conference on **“Recent Advancements in Mechanical Engineering and Allied Fields (RAMEAF-2016)”** from 23-24 September 2016. Registration Kit of Rs. 5000/- (Five Thousand) from PERFEXA Pvt. Ltd. Bengaluru and Registration Kit of Rs. 5000/- (Five Thousand) from Edu-CADD Yelhanka, Bengaluru.

## ARTICLES

- **What has the Entire COVID-19 situation taught me?**  
<https://theeducationpaper.com/what-has-the-entire-covid-19-situation-taught-me-dr-prashant-s-humnabadsir-m-visvesvaraya-institute-of-technologybengaluru/>

## LECTURES DELIVERED

- Delivered Guest Lecture on “Industry 4.0 – An Overview” on 12.05.2020 for the Students and Faculty Members of *Cambridge Institute of Technology (North Campus), Bangalore*.
- Delivered Guest Lecture on “Surface Properties Enhancement by FSP – A New Technology” on 18.01.2022, during AICTE Sponsored 3<sup>rd</sup> National Conference on “Recent Advancements in Mechanical Engineering and Allied Fields – (RAMEAF-2021)”

## ASSOCIATION WITH PROFESSIONAL BODIES

- Life Member of ISTE ( LM 75545)
- Member International Association of Engineers - IAENG (240115)

## REVIEWER / ADVISORY BOARD MEMBER

- Advanced Materials Research (AMR) | Scientific.Net
- Technical Advisory Board Member for “Rufouss Global ERP & Digital Solutions Pvt. Ltd”, Bengaluru.
- International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), UGC Approved and Scopus Indexed Journal ([www.tjprc.org](http://www.tjprc.org))
- Journal of Mechanical Engineering and Technology (JMET)
- International Journal of Mechanical Engineering and Technology (IJMET)
- International Journal of Advanced Research in Engineering and Technology (IJARET) <http://www.iaeme.com/ijaret/index.asp>

## HOBBIES

- Writing articles in Kannada, Hindi and English Languages.

## PERSONAL DETAILS

Father's Name : Sri. Subashchandra Y. H.  
Marital Status : Married.  
Cast : Hindu (Lingayat)  
Permanent Address: # 8-1305/31/1, Prashant Nilaya, Revansiddeshwar Colony, Near  
TV Station, Humnabad Road, Kalaburgi (Gulbarga) - 585104  
Phone No. : 8105350503 / 7899573739

## REFERENCE

Details	Reference – 1	Reference – 2	Reference - 3
Name of person	<b>Mr. Subeed Ahmed</b>	<b>Dr. V Krishnan</b>	<b>Prof. S B Halesh</b>
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**Yours truly,**



**(Dr. Prashant S Humnabad)**