

RESUME

Dr. P. VIVEK BE., ME., MBA., Ph.D.,	
No : 7, Alagu Gounden Valasu, Kannamapuram,	
Arachalur, Erode, Tamilnadu, India - 638101	
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Summary:

A decisive oriented, possessing good management & technical skills summed up with knowledge in both industrial & technical experience.

Carrier Focus:

Seeking a challenging career in an esteemed organization to inspire and pursue academic, research and personal excellence that benefits to the society.

Academic Profile:

Year of passing

Doctor of Philosophy (PhD)

JULY 2019

Industrial Engineering

“Critical Machine Based Heuristic for Two Stage Hybrid Flowshop Group Scheduling Problems”
Vels Institute of Science Technology and Advanced Studies (VISTAS),
(Vels University), Pallavaram, Chennai, India.

Master of Engineering (ME)

2014

Computer Integrated Manufacturing

Vels Institute of Science Technology and Advanced Studies (VISTAS),
(Vels University), Pallavaram, Chennai, India.
Percentage of marks: 77%.
Secured First class with Distinction.

Master of Business Administration (MBA)

2014

Operations Management

University of Madras, Institute of Distance Education,
Chepauk, Chennai.

Percentage of marks 56%.

Secured Second Class.

Bachelor of Engineering (BE)

2011

Mechanical Engineering

Nandha Engineering College, Anna University,
Vaikkalmedu, Perundurai, India.

Percentage of marks 63%.

Secured First class.

Diploma Courses:

Diploma in Manufacturing and Product Design (DMPD)

2018

Alison

Level one building,
Block 7/8, Galway Technology Park,
Parkmore, Galway,
H91 E309, Ireland.

Secured 84 %.

Diploma in Operations Management - Revised 2017 (DOM)

2018

Alison

Level one building,
Block 7/8, Galway Technology Park,
Parkmore, Galway,
H91 E309, Ireland.

Secured 90 %.

Diploma in Workplace Safety and Health - Revised 2017 (DWSH)

2018

Alison

Level one building,
Block 7/8, Galway Technology Park,
Parkmore, Galway,
H91 E309, Ireland.
Secured 91 %.

Diploma in Human Resources - Revised 2017 (DHR)

2018

Alison

Level one building,
Block 7/8, Galway Technology Park,
Parkmore, Galway,
H91 E309, Ireland.
Secured 87 %.

Diploma in Quality Management - Revised 2017 (DQM)

2018

Alison

Level one building,
Block 7/8, Galway Technology Park,
Parkmore, Galway,
H91 E309, Ireland.
Secured 87 %.

Diploma in Supply Chain Management - Revised 2017 (DSCM)

2018

Alison

Level one building,
Block 7/8, Galway Technology Park,
Parkmore, Galway,
H91 E309, Ireland.
Secured 87 %.

Higher Secondary School (HSE)**2006**

SRV Boys Higher Secondary School,
Muthukalipatty, Rasipuram,
Tamilnadu, India.
Percentage of marks 52%.
Secured second class.

Secondary School (SE)**2004**

AET Matric Higher Secondary School,
Pavalathampalayam, Erode,
Tamilnadu, India.
Percentage of marks 66%.
Secured First class.

Professional Experience:**Engineering :**

- Head of the Department & Associate Professor,
Department of Automobile Engineering,
Annapoorana Engineering College,
Sankari main road, Salem.
Experience : **3 years(16th of Nov 2020 to till date).**
- Associate Professor,
Department of Mechanical Engineering,
Nandha Engineering College (Autonomous),
Erode – Perundurai Main Road, Vaikkaalmedu,
Erode, Tamilnadu – 638052.
Experience : **10 Months (20th of Jan 2020 to 10.11.2020).**

- Associate Professor,
Department of Mechanical Engineering,
Elenki Institute of Engineering & Technology,
Patelguda (V), Near BHEL,
Patancheru (M), Medak (dist), T.S – 502 319.
Experience : **1 . 9 years (1st of May 2018 to 06th of Jan 2020).**
- Assistant Professor,
Department of Mechanical Engineering,
School of Engineering,
Vels Institute of Science Technology and Advanced Studies (VISTAS),
(Vels University), Pallavaram, Chennai, India.
Experience: **4 years (18th of July 2014 to 30th of April 2018).**

Industry:

- Project Engineer,
SAARP NON WOVEN INDIA PVT. LTD,
NO.476, Valasupalayam,
Ugayanur (po), Palladam (Tk) –
641 605, Tamilnadu, India.
Experience: **1 year (01st of June 2011 to 31st of May 2012).**

Design Registration:

- “Twin Piston Head” in the Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India. (App No: 287078, Cbr No: 24191, Cbr Date: 20-09-2016 15:36:33.

Patent Registration:

- Patent registration titled “Air Compressing Module for an Automobile” in the Department of Industrial Policy and Promotion, Ministry of Commerce and Industry, Government of India. **(In Final Stage for Authorization).**

Funded Project:

- Co - Project Investigator for the Project in “Defence Research and Development Organisation” (DRDO) in ‘Design and Fabrication of Armour Plates for the Fighting Vehicles’ to our Indian Military purpose for Sixteen lakh and fourty four thousand rupees on 2016 to 2018 for the Department of Mechanical Engineering, School of Engineering at Vels Institute of Science Technology and Advanced Studies (VISTAS), Chennai.

Taylor & Francis journal:

- “Influence of modified pent roof combustion cavity on diesel engine performance and emission characteristics”, International Journal of Ambient Energy, Taylor & Francis Group, ISSN: 0143-0750 (Print) 2162-8246 (Online) Journal homepage: <http://www.tandfonline.com/loi/taen20>.
<https://doi.org/10.1080/01430750.2018.1432504>.
- “Experimental Studies On Flow And Heat Transfer Characteristics Of Secondary Refrigerant Based CNT Nano fluids For Cooling Applications”, International Journal of Ambient Energy, Taylor & Francis Group. ISSN: 0143-0750 (Print) 2162-8246 (Online).
<http://www.tandfonline.com/loi/taen20>
<https://doi.org/10.1080/01430750.2018.1456970>
- “Experimental Studies On Convective Heat Transfer Coefficient Of Water/Ethylene Glycol – Carbon Nano Tube Nano fluids”, International Journal of Ambient Energy, Taylor & Francis Group. ISSN: 0143-0750 (Print) 2162-8246 (Online) Journal homepage: <http://www.tandfonline.com/loi/taen20> .
<https://doi.org/10.1080/01430750.2018.1451381>.
- “Empirical performance analysis of VCR engine fuelled with karanja oil and various additives using ANOVA technique” International Journal of Ambient Energy, Taylor & Francis Group. ISSN: 0143-0750 (Print) 2162-8246 (Online) Journal homepage: <http://www.tandfonline.com/loi/taen20>
<https://doi.org/10.1080/01430750.2018.1443506>.

- “Experimental investigation of a spark ignition engine using blends of biogas” International Journal of Ambient Energy, Taylor & Francis Group. ISSN: 0143-0750 (Print) 2162-8246 (Online) Journal homepage: <http://www.tandfonline.com/loi/taen20>
<https://doi.org/10.1080/01430750.2018.1472656>

Scopus Indexed Journal:

- “Mechanical Characterization of Roselle and Sisal Fibre Reinforced Polymer Composites”, International Journal of Vehicle Structures & Systems, Vivek et al. 2019. Int. J. Vehicle Structures & Systems, 11(2), 203-208, ISSN: 0975-3060 (Print), 0975-3540 (Online), doi: 10.4273/ijvss.11.2.18.
- “Heuristic For Critical Machine Oriented Batch Scheduling In Two stage Hybrid Flow Shop”, International Journal of Mechanical Engineering and Technology (IJMET), Volume 9, Issue 8, August 2018, pp. 120–130, Article ID: IJMET_09_08_013. ISSN Print: 0976-6340 and ISSN Online: 0976-6359.
- “A Critical-Machine Based Heuristic For HFS Batch Scheduling”, International Journal of Mechanical Engineering and Technology (IJMET), Volume 9, Issue 8, August 2018, pp. 105–119, Article ID: IJMET_09_08_012. ISSN Print: 0976-6340 and ISSN Online: 0976-6359.
- “A Heuristic For Batch Scheduling With Uniform And Non Uniform Lot Sizes In Two Stage Hybrid Flowshop”, International Journal of Mechanical Engineering and Technology (IJMET), Volume 9, Issue 8, August 2018, pp. 97–104, Article ID: IJMET_09_08_011. ISSN Print: 0976-6340 and ISSN Online: 0976-6359.
- “Evaluation of Tensile and Thermal Behavior Analysis of Nano Carbon Fiber Reinforced Polymer Composite”, International Journal of Engineering & Technology, 7 (3.27) (2018) 157-161.
 - “Minimizing Idle Time of Critical Machine in Permutation Flow Environment with Weighted Scheduling”, ARPN Journal of Engineering and Applied Sciences, VOL. 11, NO. 5, MARCH 2016. ISSN 1819-6608.
- “Experimental Investigation of Thermal Properties in Glass Fiber Reinforced with

Aluminum”, International Conference on Emerging Trends in Engineering Research, IOP Conf. Series: Materials Science and Engineering 183 (2017) 012005 doi: 10.1088/1757-899X/183/1/012005.

- “Experimental Investigation of Turning Parameters on AA 6061-T6 Material, International Conference on Emerging Trends in Engineering Research”, IOP Conf. Series: Materials Science and Engineering 183 (2017) 012013 doi: 10.1088/1757-899X/183/1/012013.
- “A Comparative Characteristic Study of Jatropha and Cardanol Biodiesel Blends”, International Conference on Emerging Trends in Engineering Research, IOP Conf. Series: Materials Science and Engineering 183 (2017) 012038 doi: 10.1088/1757-899X/183/1/012038.
- “Critical Machine Based Scheduling -A Review”, International Conference on Emerging Trends in Engineering Research, IOP Conf. Series: Materials Science and Engineering 183 (2017) 012027 doi:10.1088/1757-899X/183/1/012027.
- “Heuristic for Critical Machine Based a Lot Streaming for Two-Stage Hybrid Production Environment”, International Conference on Emerging Trends in Engineering Research, IOP Conf. Series: Materials Science and Engineering 183 (2017) 012030 doi:10.1088/1757-899X/183/1/012030.
- “Optimization Of Wheel Axle Plant Manufacturing Environment By Simulation”, ARPN Journal of Engineering and Applied Sciences, VOL. 12, NO. 8, APRIL 2017, ISSN 1819- 6608.
 - “Experimental Investigation Of Plasma Arc Cutting For Stainless Steel Sheet”, International Journal of Mechanical and Production Engineering Research and Development (IJMPERD), ISSN (P): 2249-6890; ISSN (E): 2321-8001, Vol. 8, Issue 1, Feb 2018, 907-914.
- “Vibration and Damping Characteristics of Sisal and Glass Fiber Reinforced Polyester Composite” International Journal of Engineering & Technology, 7 (2.33) (2018) 503-509.

International Journals:

- “Investigation of CFD Based Flow Analysis of Centrifugal Pump”, International Journal of Management, Technology And Engineering, Volume 8, Issue XII, DECEMBER/2018, ISSN NO : 2249-7455, pp : 4536 – 4541.
- “Experimental Investigation Of Diesel Engine Using Gobar Gas Blends”, International Journal of Management, Technology And Engineering, Volume 8, Issue XII, DECEMBER/2018, ISSN NO : 2249-7455, pp : 4542 – 4551.
- “A Study on Controlling the Mobile Robot in an Automatic Manufacturing Processes”, International Journal of Innovative Research in Science, Engineering and Technology, Vol. 5, Issue 4, April 2016. ISSN(Online) : 2319-8753, ISSN (Print) : 2347-6710.
- “Design and Simulation of a Two-Wheeled Inverted Pendulum - a Balanced, Easy Moving Vehicle for the Material Handling”, American-Eurasian Journal of Scientific Research, 11 (3): 189-198, 2016. DOI: 10.5829/idosi.aejr.2016.11.3.22800. ISSN 1818-6785.
- “Is Kevlar29/Epoxy Composite an Alternate for Drive Shaft?”, Journal of Advances in Mechanical Engineering and Science (JAMES), doi:10.18831/james.in/2016031001.

Books Published :

- Published a book on “Nano – textures of polymer metal composites” in Kalaivani Publications, Erode. Edition – 2023.
- Published a book on “**Problem Findings – Friction Stir Welding on Dissimilar Material Process**” in Kalaivani Publications, Erode. Edition – 2020.
- Published a book on “**Principles of Management**” for both the Engineering & Management Students in SAMS Publications, Nanganallur, Chennai. (ISBN NO : 978-93-80485-48-5). Edition – 2016.

Memorandum of Understanding (MOU) Signed:

- Between **CADD SCHOOL**, No.172, Raahat Plaza, 2nd floor, Arcot Road, Chennai – 600026, Phone: 044 45032001, www.caddschool.in & **Department of Mechanical Engineering, School of Engineering, Vels Institute Of Science, Technology & Advanced Studies,**

Velan nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai - 600 117, Phone: 044 – 2266 2500 / 01 / 02 / 03. fax: 044 – 2266 2513, www.velsuniv.ac.in.

- Between **SAARP NON WOVEN INDIA PVT. LTD**, NO.476, Valasupalayam, Ugayanur (po), Palladam (Tk) – 641 605, Tamilnadu, India, Phone: 0421 2317355 www.saarp.in & **Department of Mechanical Engineering, School of Engineering, Vels Institute Of Science, Technology & Advanced Studies**, Velan nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai - 600 117, Phone: 044 – 2266 2500 / 01 / 02 / 03. fax: 044 – 2266 2513, www.velsuniv.ac.in.
- Between **LAYER3INDIA**, No. 2/138, Ondikaran Thottam, Elavamalai (P.O), Erode – 638316, Phone: +91 97500 46600, www.layer3india.com & **Department of Mechanical Engineering, School of Engineering, Vels Institute Of Science, Technology & Advanced Studies**, Velan nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai - 600 117, Phone: 044 – 2266 2500 / 01 / 02 / 03. fax: 044 – 2266 2513, www.velsuniv.ac.in.
- Between **3DTIVE TECHNOLOGIES**, Rajpriya Complex, 110, Muthur Road, Vellakoil, Erode – 638 111, Phone: +91 99429 15555, www.3dtive.com & **Department of Mechanical Engineering, School of Engineering, Vels Institute Of Science, Technology & Advanced Studies**, Velan nagar, P.V. Vaithiyalingam Road, Pallavaram, Chennai - 600 117, Phone: 044 – 2266 2500 / 01 / 02 / 03. fax: 044 – 2266 2513, www.velsuniv.ac.in.

Faculty Development Program:

- Participated in a Faculty Development Program on “Effective Research – Tools, Funding and IPR” organized by Department of Mechanical Engineering, Hindusthan College of Engineering and Technology, Coimbatore on 07th of Sep 2020 to 10th of Sep 2020.
- Participated in a Faculty Development Program on “PEDAGOGY & RESEARCH METHODOLOGY” organized by Vels Institute of Science Technology and Advanced Studies (VISTAS), Chennai on 30th of June & 01st of July 2017.
- Participated in a Two days Faculty Development Program on “Recent Developments in Non Destructive Testing and materials (RDNDT&M 16), organized by Department of Mechanical Engineering, Tagore Engineering College, Chennai, during 1st & 2nd of Dec 16.

- Participated in a Faculty Development Program on “STUDENT CENTRIC PEDAGOGY” organized by Vels Institute of Science Technology and Advanced Studies (VISTAS), Chennai on 2nd, 4th, & 5th of July 2016.
- Participated in a Faculty Development Program on “Research for Continuous Learning (Theme, Research Insights & Publication Strategies)” conducted by National Foundation for Entrepreneurship Development (NFED) on 6th Feb 2016 at Hotel Shelter, Chennai.
- Participated in a Faculty Development Program on “All about Time Complexity of Algorithms” organized by Department of Computer Science and Engineering at Vels Institute of Science Technology and Advanced Studies (VISTAS), Chennai on 8th Jan 2016.

Two – weeks Workshop:

- Participated in a Two – week ISTE STTP Workshop on “CMOS, Mixed Signal & Radio Frequency VLSI Design” conducted by Indian Institute of Technology, Kharagpur which was held under the National Mission on Education through ICT (MHRD) from 30th of January 2017 to 4th of February 2017.
- Participated in a Two – week ISTE Workshop on “Environmental Studies”, conducted by IIT Bombay, under the National mission on education through ICT (MHRD, Govt of India. (2nd of June 2015 to 12th of June 2015).
- Participated in a Two – week Workshop on “Control Systems”, conducted by IIT Kharagpur, under National Mission on Education through Information and Communication Technology, India. (2nd of Dec 2014 to 12th of Dec 2014).

International Conference, Seminar & Workshops:

- Presented a Paper in the International Conference on Emerging Trends in Engineering Research (ICETER'16) on “Optimization of two – stage hybrid flow shop environment by lot streaming approach” organized by School of Engineering, Vels Institute of Science Technology and Advanced Studies (VISTAS), Chennai, on 20th & 21st of Oct 2016.
- Presented a Paper in the International Conference on Emerging Trends in Engineering Research (ICETER'16) on “Heuristic for (M = 2, M⁽¹⁾ = 1, M⁽²⁾ = 2, K = 15) Two Stage Hybrid Flow Shop Batch Scheduling Problem” organized by School of Engineering, Vels

Institute of Science Technology and Advanced Studies (VISTAS), Chennai, on 20th & 21st of Oct 2016.

- Presented a Paper in International Conference on “Advanced computing, Control systems, Machines & Embedded Technology”(ICACT2014) on “Structural and Heat Transfer Analysis of Compressor Fin” at JKKN College of Engineering & Technology, Kumarapalayam, Namakkal.
- Presented a Paper in International Conference on Computational Intelligence & Advanced Manufacturing Research - “ICCIAMR 2014” on “Structural and Heat Transfer Analysis of Compressor Fin” on 2nd & 3rd of may 2014 at Vels University, Chennai.
- Participated in “International Workshop on Research” held on 9th of Aug 2012, organized by Higher Education Academy London & Department of Mechanical Engineering, School of Engineering, Vels University, Pallavaram, Chennai.
- Participated in the International Conference on Computational Intelligence & Advanced Manufacturing Research - “ICCIAMR 2013” in “Design and analysis of Composite Leaf Spring” on 5th & 6th of April 2013 at Vels University, Chennai.

National Conference, Seminar & Workshops:

- Participated in a National Webminar titled “ Role of teacher in NEP” organized by Jain Deemed University on 4th of Sep 2020.
- Participated in a National Workshop on “How to Get Published in the Right Journal” organised by GRABS Educational Charitable Trust, Chennai, on 22nd of Jan 2017.
- Participated in a National Workshop on Optimisation Techniques, organised by the Department of Mechanical Engineering in association with SAE INDIA at Kings Engineering College, Chennai on 24th of August 2017.
- Participated in a Science and Engineering Research Board DST Sponsored National Workshop on “Laser Scattering Techniques Using Laser Sensor” at Mohamed Sathak A J College of Engineering on 24th of February 2017.
- Participated in a Science and Engineering Research Board Sponsored National Workshop on “Laser Ignition for Combustion Engines” at Mohamed Sathak A J College of Engineering

on 30th of September 2016.

- Participated and presented a paper on “A Study on Controlling the Mobile Robot in an Automatic Manufacturing Process” in the National Level Conference on Recent Trends in Civil and Mechanical Engineering (RTCME’16) held on 23rd of March 2016 at Annai Mathammal Sheela Engineering College, Namakkal.
- Participated in a National Workshop on Recent Trends In Automobile Engineering, organised by the Department of Mechanical Engineering, School of Engineering, Vels Institute of Science Technology and Advanced Studies (VISTAS), Pallavaram, Chennai, on 29th of March 2016.
- Participated in a Workshop on “Matlab Interfacing with Arduino” organised by Department of Mechatronics Engineering on 5th of March 2016, at Agni college of Technology, Chennai.
- Participated in a National Seminar on “Nano Science and Technology – From Engineers point of view” organized by Department of Mechanical Engineering, Department of Physics and Department of Chemistry on 1st and 2nd of Feb held at Mahalingam College of Engineering and Technology, Pollachi.
- Participated in one day National Workshop on “Composite Materials and Applications” (CMA Workshop 2009) jointly organized by ISTE Chapter and Department of Mechanical Engineering on 6th of Jan 2009, held at Sri Krishna College of Engineering & Technology, Coimbatore.
- Participated in one day technical seminar “EMPOWER09” on 11th Jan 09 at GRD college of science, Coimbatore, conducted by Rotaract club of future league and Apexacademy.
- Presented a Paper on “Structural and Heat Transfer Analysis of Compressor Fin” in the National Level Conference on Latest Innovations in Mechanical Engineering “LIME’14” on 1st of March 2014 at Annai Mathammal Sheela Engineering College, Namakkal.
- Participated in a National Level Seminar on “Recent Trends in Auto Mechatronics” held on 18th of Feb 2014 by the Department of Mechatronics on Engineering at KSR College of Technology, Tiruchengode.

- Participated in a National Level Workshop on “Graphical System Design using lab view” during 25th and 26th of Feb 2014 by Department of Mechatronics Engineering at KSR College of Technology, Tiruchengode.
- Presented a Paper on “Critical machines based scheduling for manufacturing environments” in “MECHSMITH 2k14” conducted by Association of Mechanical Engineering SPARKS on 18th of Feb 2014 at KSR College of Technology, Tiruchengode.
- Presented a paper on “Production of compressed Air from Vehicle suspension” in a National Level Technical Symposium and Participated in open house exhibition on 29th and 30th of March 2010 at Sasurie College of Engineering, Vijayamangalam, Tiruppur.
- Presented a Paper in “Air Compressing Module for an Automobile Vehicle” in the National Conference on “Modeling, Simulation and Optimization” organized by the Department of Mechanical Engineering, Vels Institute of Science Technology and Advanced Studies (VISTAS), Chennai, on 9th of November 2013.
- Presented a Paper in “Minimizing Idle Time of Critical Machine in Permutation Flow Environment With Weighted Scheduling” in the National Conference on “Modeling, Simulation and Optimization” organized by Department of Mechanical Engineering, School of Engineering, Vels Institute of Science Technology and Advanced Studies (VISTAS), Chennai. on 9th of November 2013.
- Presented a paper on “The composite graph model for web document and its impacts on graph distance measurement” in Advances in Civil and Mechanical Engineering – ACME – 2015 held on 23rd of Feb 2015 at Sengunthar Engineering College, Tiruchengode.
- Participated in a “National Seminar on Computational Fluid Dynamics” on 22nd of Sep 2012 organized by Department of Mechanical Engineering, School of Engineering, Vels Institute of Science Technology and Advanced Studies (VISTAS), Pallavaram, Chennai.
- Presented a Paper in the National Conference titled “Design, Analysis and Fabrication of Composite Propeller Shaft” in “Research Trends in Mechanical Engineering” organized by Department of Mechanical Engineering at Vels Institute of Science Technology and Advanced Studies (VISTAS), Chennai on 11th April 2012.
- Participated in the National Seminar on “Alternative Fuels” held on 25th of Feb 2012 at

Vels Institute of Science Technology and Advanced Studies (VISTAS), Chennai.

- Presented a paper on “Design Optimization of Twin Piston Head for an IC Engine” in the National Conference on “Modelling, Simulation and Optimization” organized by Department of Mechanical Engineering, Vels Institute of Science Technology and Advanced Studies (VISTAS) on 2nd of Nov 2012.

Awards:

- Awarded as “**BEST YOUNG SCIENTIST**” one among 75 Professionals from all over the world, the selection is made from 4,80,356 profiles of various experts for the remarkable achievements in Teaching, Research & Publications by Prestigious IRDP Award ‘2018, organized by Innovative Research and Developers (IRDP), Chennai, India on 30th of May ‘2018.
- “**YOUNG EDUCATOR & RESEARCHER AWARD**” for the significant contribution to Teaching & Research activities in the field of Mechanical Engineering in 8th Teachers Day Awards’ 2017 by the Chairman, National Foundation for Entrepreneurship Development (NFED), Coimbatore, on 5th of September 2017.
- “**BEST YOUNG TEACHER AWARD**” for the outstanding contribution in teaching in Grabs Awards ‘2017 by Grabs Educational Charitable Trust, Nanganallur, Chennai, on 22nd of January 2017 at Chennai.
- “**INNOVATIVE PROFESSIONAL AWARD**” for the contributions in the field of Engineering and Technology, Management Science, Technical Qualifications, Professional Membership, Technical Experience and Sustained Accomplishment in Teaching, Professional Activities, Technical Projects Development, Engineering Education Initiatives, etc by the Society of Professional Engineers (SPE), Chennai, India on 28th of August 2016.
- Awarded with a Certificate of Accomplishment upon the successful completion of the “Basic Life Support and Basic First Aid Programme” conducted by Appollo Shine Foundation at Vels Institute of Science Technology and Advanced Studies (VISTAS), Chennai on 11th of April 2017.
- Awarded with a Momento by Dr. Ishari K Ganesh, Chairman of Vels Institute of Science

Technology and Advanced Studies (VISTAS) for publishing six papers in the Scopus Indexed Journals in 2017.

- Awarded with a Momento by Dr. Ishari K Ganesh, Chairman of Vels Institute of Science Technology and Advanced Studies (VISTAS) for signing four MOU's in 2017 for the Department of Mechanical Engineering.
- Awarded with a Momento by Dr. Ishari K Ganesh, Chairman of Vels Institute of Science Technology and Advanced Studies (VISTAS) for publishing Principles of Management book in Sams Publications.
- Awarded with a Momento by Dr. Ishari K Ganesh, Chairman of Vels Institute of Science Technology and Advanced Studies (VISTAS) for actively participated in the Academic and Admission of Academic Year 2015 – 2016.
- Certified and appreciated for organizing & coordinating all the activities of “COM – busted” a National level Technical Symposium held on 15th of October 2014 by the Department of Mechanical Engineering at Vels Institute of Science Technology and Advanced Studies (VISTAS), Chennai.
- Participated in Bike Stunts Event and got **Second Place** at the National Level Technical Symposium held on 9th of Oct 2013 at Vels Institute of Science Technology and Advanced Studies (VISTAS), Chennai.
- Awarded as “**IRONBUTT -The Worlds Toughest Bike Riders**” for riding & completing a SADDLESORE 1600k +, a total of 1,652 kilometers (1,027 miles) in less than twenty four hours and got award, certificate from the President Michael J. Kneebone, The Iron Butt Association.
- Participated in the Personality development programme RYLA - “**Youth Leadership Award**” on 25th and 26th of Jan 2003 at AET Matriculation Higher Secondary School, Erode, conducted by Rotary club of Erode.
- Awarded 1st Kyu GRADE **BROWN BELT** in SHOTOKAN KARATE YESHU-DO ASSOCIATION, Academy of Martial Arts during Secondary Education.

- Awarded **1st Class** by representing AET Matriculation Higher Secondary School, Erode in Talent Search Examination (National Level) held in 2000 – 2001 - Holy Faith Talent Examination, conducted by Holy Faith International, New Delhi.
- Certified as an active member of Interact Club for the academic year 2002 – 2003 by Interact Club of AET Matriculation Higher Secondary School, Erode.

Professional Memberships:

- Life member in Indian Society for Technical Education (ISTE).
- Senior member in Indian Society of Mechanical Engineers (SMISME).
- Life member in International Society for Research and Development (ISRDR).
- Member in International Association of Engineers (IAENG).
 - The IAENG Society of Artificial Intelligence.
 - The IAENG Society of HIV / AIDS.
 - The IAENG Society of Industrial Engineering.
 - The IAENG Society of Mechanical Engineering.
 - The IAENG Society of Operations Research.
 - The IAENG Society of Scientific Computing.

Editorial Member:

- Member in Editorial Board of Engineering and Scientific International Journal (ESIJ), India.
- Member in Editorial Board of International Organization of Scientific Research and Development (IOSRD), India.
- Member in Editorial Board of Engineering and Scientific International Journal (ESIJ), India.
- Member in Editorial Board of International Journal of Linguistics and Computational Applications (IJLCA), India.
- Member in Editorial Board of International Journal of Management Research and Social Science (IJMRSS), India.

Reviewer :

- Reviewer in International Journal of Ambient Energy (Taylor & Francis).

- Reviewer in Materials Letters.

Leadership Traits:

- Soccer team captain for Zonal and District Matches during Secondary School Education.
- Sports Secretary during Secondary School Education.
- Lieutenant in Road Safety Patrol during Secondary School Education.
- Leader of House during Secondary School Education.
- Band Captain during Secondary and High Secondary School
- Superintendent for Dice Flag during Higher Secondary School.
- Started “SOME” the Society of Mechanical Engineers Association during my second year course at Nandha Engineering College, Perundurai, Erode.
- Joint - Secretary for “SOME”, The Society of Mechanical Engineers Association during second & third year at Nandha Engineering College, Perundurai, Erode.
- Secretary for “SOME”, The Society of Mechanical Engineers Association during final year at Nandha Engineering College, Perundurai, Erode.
- Alumni coordinator for (batch 2006 – 2010) Mechanical Engineers Association from 2010 to till date at Nandha Engineering College, Perundurai, Erode.
- Student Council Member for a period of three years at Nandha Engineering College, Perundurai, Erode.
- Coordinator member for the Department of Mechanical Engineering for conducting the University Practical and Theory Board Examinations for the year 2016 – 2018 at Vels Institute of Science Technology and Advanced Studies (VISTAS), Chennai.
- Member in the Board of Studies for the Department of Mechanical Engineering, Vels Institute of Science Technology and Advanced Studies (VISTAS), Pallavaram, Chennai for the Year 2016 – 2018.
- Introduced a Credit Based Curriculum Syllabus (CBCS) from the Academic Year 2015 – 2016 to the forth coming years for the flexibility of students in choosing the subjects according to their scope and area of interest, in Vels Institute of Science Technology and

Advanced Studies (VISTAS), Pallavaram, Chennai.

- Actively coordinated and participated, and got “A- GRADE” by creating and documenting work for the NAAC peer team who had visited Department of Mechanical Engineering and Vels Institute of Science Technology and Advanced Studies (VISTAS), Chennai.

Subjects Handled:

- Computer Integrated Manufacturing.
- Ethics & Principles of Management.
- Total Quality Management.
- Production and Operations Management.
- Flexible Manufacturing System.
- Manufacturing Technology.
- Production Technology.
- Industrial Management.
- Supply chain.
- Operations Management.

Technical Skills:

- Certified in AUTO CADD at CPLR Institute, Erode
- Certified PRO-Engineer at Arrow Creative Academy, Erode.
- Core Software: Ansys, Solid Works.
- MS Office: Word, Excel, PowerPoint.
- *Platforms:* Windows XP/Vista.

Strengths:

- Learning & Adaptability.
- Effective Coordinator/ Communicator / Team-player.
- Commitment & Dedication in Work.
- Time Management.

Extra Curricular:

- Social activist & an active blood donor.
- Member of Rotary Club, Erode.
- Member in Road Safety Patrol, Erode.
- Member of National Social Service.
- Active member in Red Ribbon Club.

Hobbies:

- Sports – Swimming, Team sports, etc.,
- Surfing internet – Technology & Innovations.
- Music – Playing, Listening.
- Travelling.
- Gardening.
- Animal Care.
- Socializing – Community work, Volunteer work, etc.,

Personal Details:

- Fathers name : A. C. Palanisamy
- Mothers name : P. Vasanthi
- Date of birth : 18-01-1989
- Sex : Male
- Marital status : Married
- Languages Known : English, Tamil (Read & Write)
- Belongs To : BC / Kongu Vellalar Gounder
- Place of Birth / Nativity : Erode / Erode.

Reference:

- Dr. S. Arumugam, (Ex – Additional Director, Directorate of Technical Education - DOTE, Chennai) Chief Executive Officer, Nandha Educational Institutions, Perundurai, Erode. Ph: +91 99650 99900.
- Dr. P. Thangaraj, Professor & Head – Computer Science and Engineering, KPR Institute of Engineering and Technology, Coimbatore. Ph: +91 98427 20572.

Declaration:

I am a responsible, self – motivated individual, devoted to the improvement and enhancement of my teaching, research and management skills through discipline and dedication. I endeavor to understand and utilize the facilities available and to produce efficient students effectively with all available knowledge and facilities. I strongly believe that time management, multi – tasking and a meticulous attention to detail make me a valuable asset to any fast – paced and result oriented institution.

Date :

Sign :

(Dr. P. VIVEK)
