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| SIVAMANI KAMALESAN | | | | | |  |
| **ADDRESS FOR COMMUNICATION** | 3/416, Boodhanalli Kottai,  Boodhanalli,  Dharmapuri – 636804  Tamilnadu ,India  Email **: sivamanikamalesan@gmail.com**  Phone **: +91- 8012453263** | | | | | |
| **ACADEMIC DETAILS** | **Course** | **Name of the Institution** | **Examination**  **Authority** | **Year of**  **Passing** | **Marks Obtained (%)** | |
| B.E-AERO  (Mechanical Stream) | Bannari Amman Institute of Technology, Sathyamangalam.India | Autonomous  (Anna University of Technology, Chennai) | 2014 | CGPA 8.59 | |
| HSC | Senthil Matric Hr. Sec School, Dharmapuri,Tamilnadu .India | State Board | 2010 | 92.5 | |
| SSLC | Govt Boys Hr. Sec School,  Dharmapuri, Tamilnadu.India | State Board | 2008 | 93 | |
| **SOFTWARE SKILLS** | Operating systems : windows XP,7& 8, Ubuntu  Designing Software’s : ANSYS, Gambit, CATIA, CFD, XFLR5, IGG | | | | | |
| **ACHIEVMENTS** | * Acquired **“School Second in Higher Secondary”** in Senthil matriculation higher secondary school, Dharmapuri. * Acquired “**District Fourth level in SSLC**” in Dharmapuri district level. * Got **Second prize** in an event **PATAGIO** organized by Bannari Amman institute of technology, Sathyamangalam. | | | | | |
| **TRAINING** | Company Name : Techzilon Training Solutions  Training duration : 3 months  Domain : Aerospace/Automobile  Certification : Master diploma in **CAE/FEA**  Training topics : Analysis of stress and displacement for various structures.  (Hypermesh, Optistrut, RADIOSS, ANSYS) | | | | | |
| **AREA OF INTEREST** | * Engineering Mechanics * Aerodynamics | | | | | |
| **INTERNATIONAL CONFERENCE**  **PROJECT** | * Presented a paper on “Numerical Analysis of Foam-Core Sandwich Panel with Glass/Epoxy Facings and Experimental Validation” in the ICEMAP-2013, held at Chennai conducted by Tagore Engineering College. * Presented a paper on “Aerodynamic flow over race cars” in “IETSD” 2012, an International Conference held at Bannari Amman Institute of Technology, organized by UNIVERSITY OF DERBY, London. | | | | | |
| * Completed a project on “Aerodynamics Characteristics of low speed high aspect ratio wing using ANSYS – FLUENT software (NACA4412)” in Aeronautical Development Establishment (ADE) a part of Defense Research and Development Organization (DRDO) Bangalore. * Done a project on “Numerical Analysis of Foam-Core Sandwich Panel with Glass/Epoxy Facings and Experimental Validation” in Bannari Amman Institute of Technology, Sathyamangalam. * Submitted a project on “Design and Development of Vertical Axis Wind Turbine with “V” Type Rotor” to Tamilnadu Science and Technology, Chennai. | | | | | |
| **CO-CURRICULAR ACTIVITIES** | * Attended three Day Workshop on **SCIENCE OF FLIGHT** held at Madras Institute of Technology, Anna University, and Chennai. * Presented a paper on **AIRBORNE WIND TURBINE in** The Rajaas Engineering College, Tirunelveli. * Participated in **PROJECT DESIGN CONTEST** at FUTURA’14, a National Level Technical Symposium Organized by Bannari Amman Institute of Technology, Sathyamangalam. | | | | | |
| **INDUSTRIAL ACTIVITIES** | * ISRO –Mahendragiri * Taneja Aerospace - Hosur * Laxmi Technologies – Coimbatore * Sulur Air force - Coimbatore | | | | | |
| **LEADERSHIP QUALITY** | * Organized a one day workshop on “Design challenges associated with UAVs & MAVs” in Bannari Amman Institute of Technology on 27th august 2013. * Organizer for an event Paper presentation in a national level technical symposium named as FUTURA at Bannari Amman Institute of Technology,Sathyamangalam | | | | | |
| **MACHINE KNOWLEDGE** | * Lathe machine * Drilling machine * Milling Machine * Universal testing machine * Wind tunnel | | | | | |
| **PERSONAL DETAILS** | Father’s Name : Kamalesan R  Mothers Name : Saradha K  Gender : Male  Date of Birth : 8th july1993  Language Known : Tamil(R-W-S), English(R-W-S)  Hobbies : Gardening , Playing with Kids | | | | | |

## Declaration

## I hereby declare that the above furnished particulars are true to the best of my knowledge and belief.

Place: Chennai (SIVAMANI KAMALESAN)