

DAFTAR RIWAYAT HIDUP



I. IDENTITAS PRIBADI

| | | |
|----|-------------------------|--|
| 1. | Nama Lengkap | Dr. Hendri Yanda, MSc |
| 2. | N I P | 197008191997021001 atau 132 166 504 |
| 3. | Tempat/Tanggal Lahir | Bukittinggi, 19 Agustus 1970 |
| 4. | Jenis Kelamin | Laki-laki |
| 5. | Pekerjaan | Staf Pengajar Jurusan Teknik Mesin, Fakultas Teknik, Universitas Andalas |
| 6. | Bidang Ilmu/Spesifikasi | Teknik produksi/manufaktur dan metrologi industri |
| 7. | Jabatan/Golongan | Lektor/IIIc |
| 8. | Alamat Rumah | Jln. Fisika I No. 19, Blok B2/02, Komplek Unand, Ulu Gadut, Padang - 25164 |
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| 10 | Status | Nikah Istri : dr.Firdawati, M.Kes, (Dosen Kedokteran Unand). Anak: 3 orang (2 laki-laki dan 1 perempuan) |

II. RIWAYAT PENDIDIKAN

| | TINGKAT | NAMA LEMBAGA PENDIDIKAN | JURUSAN | IJAZAH TH. | TEMPAT |
|----|--------------------|---------------------------------|------------------------|------------|-------------------------------|
| 1 | SD | SD Negeri 2 Baso | - | 1982 | Baso, Kab. Agam |
| 2 | SMP | SMP Negeri Simpang Candung | - | 1988 | IV. Angkat Candung, Kab. Agam |
| 3. | SMU | SMA Negeri, 1 Bukittinggi | IPA | 1990 | Kodya Bukittinggi |
| 4. | Sarjana | Universitas Andalas | Teknik Mesin | 1996 | Padang |
| 5. | Pasca Sarjana (S2) | Sheffield Hallam University | Advanced Manufacturing | 2002 | United Kongdom |
| 6. | Doktor (S3) | National University of Malaysia | Advanced Manufacturing | 2012 | Malaysia |

III. DAFTAR PUBLIKASI ILMIAH / SEMINAR

3.1. Publikasi International

| NO. | NAMA | JUDUL | NAMA JURNAL/ VOL. HAL. | TAHUN |
|-----|---|---|---|-------|
| 1 | Hendri Yanda , Jaharah A. Ghani, Che Hassan Che Haron. | Modeling and Simulation of Temperature Generated on Workpiece and Chip Formation in Orthogonal Machining | International Review of Mechanical Engineering (I.RE.M.E.), (Print ISSN: 1970 – 8734, Cd-Room ISSN: 1970 – 8742), Vol. 5, n.2 | 2011 |
| 2 | Hendri. Y , Jaharah A.G, Che Hassan C.H. 2010 | Effect of Rake Angle on Stress, Strain and Temperature on the Edge of Carbide Cutting Tool in Orthogonal Cutting Using FEM Simulation | ITB Journal of Engineering Science (ISSN: 1978-3051), Vol. 42 (2), pp. 179-194 | 2010 |
| 3 | Hendri Yanda , Jaharah A. Ghani, Azmi Nor Azmi M.R, Kamal Othman, Che Hassan Che Harun. 2010 | Optimization of Material Removal Rate, Surface Roughness and Tool Life on Conventional Dry Turning of FCD 700 | International Journal Mechanical and Materials Engineering, ISSN 1823-0334 , Vol.5 No.2, 182-190 - 65, 2009 | 2010 |

| | | | | |
|---|--|--|---|------|
| 4 | Hendri. Y , Jaharah A.G, Che Hassan C.H | Effect of Rake Angle and Clearance Angle on the Wear of Carbide Cutting | Advanced Material Research (AMR) (ISSN: 1022-6680), Vol 264-265 (2011) pp 1033-1038 | 2009 |
| 5 | Hendri. Y , Jaharah A.G, Che Hassan C.H. 2009 | Effect of Rake Angle and Clearance Angle on the Wear of Carbide Cutting Tool | <i>Engineering e- Transaction</i> (ISSN 1823-6379) Vol. 4, No. 1, June 2009, pp 7-13 | 2009 |
| 6 | Jaharah A.G, Hendri. Y , Che Hassan C.H, Ramli R, Yaakob. Z | Simulation of Turning Process of AISI 1045 and Carbide Tool Using Finite Element Method | Proceeding of the 7th WSEAS Int. Conf. on CIMMACS '08 (Computational Intelligence, Man- Machine Systems and Cybernetics), Cairo, Mesir, December 2008). | 2008 |

3.2 Seminar (Conference)

3.2.1 Seminar International (International Conference)

| NO. | PEMAKALAH/ PESERTA | JUDUL | NAMA CONFERENCE | TEMPAT | TAHUN |
|-----|-----------------------|---|---|---|----------------------------|
| 1 | Pemakalah | The Effect of Rake and Clearance Angles in Turning Ductile Cast Iron | International Conference of Technology Postgraduate 2009 (Techpost 2009) | Mechanical engineering, Engineering Faculty, University of Malaya, Kuala Lumpur, Malaysia. | 14 -15 Desember 2009 |
| 2 | Pemakalah | Application of FEM in Machining Performance of Ductile Cast Iron | Iterational Conference of Advances Materials and Processing Technologies 2009 (AMPT' 2009) | IIUM, Gombak, Kuala Lumpur, Malaysia. | 26-29 Oktober 2009 |
| 3 | Pemakalah | Application of FEM in Machining Process of Automotive Parts using Deform-3D | International Converence of SERUMPUN IV | Universiti Kebangsaan Malaysia, | 4-5 Juli 2009 |

3.2.2 Seminar Nasional (Regional Conference)

| NO. | PEMAKALAH/ PESERTA | JUDUL | NAMA CONFERENCE | TEMPAT | TAHUN |
|-----|-----------------------|---|---|---|---------------------|
| 1 | Pemakalah | Machining and Cutting Simulation: Effect of Rake Angle And Clearance Angle on Wear Cutting Insert Carbide | National Tribology Conference 2009 (NTC' 2009) | University of Malaya, Kuala Lumpur, Malaysia. | 4-5 Mei 2009 |
| 2 | Pemakalah | The Effect of Cutting Speed on Turning AISI 1045 and Carbide Tool | Seminar II – Advanced Manufacturing Research Group 2008 (AMReG'2008) | Gouman Hotel, Port Dickson, Seremban, Malaysia. | 15-16 Desember 2008 |
| 3 | Pemakalah | FEM Simulation to Predict Tool Stress, Strain and Temperature on Cutting Edge in Turning Cast Iron, | Seminar III – Advanced Manufacturing Research Group 2009 (AMReG 2009) | Hotel Marriott, Putrajaya, Malaysia. | 29 Juli 2009. |
| 4 | Pemakalah | Study of Machining Parameter Effects on Cutting Force, Stress, Strain and Temperature using FEM | Regional Engineering Postgraduate Conference 2009, (EPC 2009) | Palm Garden Hotel, Putrajaya, Malaysia. | 20-21 Oktober 2009. |

Padang, November 2012

Tanda tangan,



Dr. Hendri Yanda, MSc