CURRICULUM VITAE

Dilip Gehlot

Assistant Professor

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Engineering College Ajmer

Phone: +91-9461666366

**Teaching & Professional** **Experience**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **S.No** | **Organization/Institute** | **Designation** | **Year** | **Exp.** |
| 1 | Metal-Tech Ltd Gurgaon | Production Engineer | Aug.2004-2005 | 08 Month |
| 2 | Govt. Engg College Ajmer | Assistant Professor | Sept2006-till date | 7.5 Years |

**Education Details**

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| **Year** | **Degree/Certificate** | **Institute/School** | **CGPA/Percent** |
| 2011 | **M.Tech**  (Manufacturing Sciences) | **IIT , Kanpur** | CGPA – 6.75 |
| 2004 | B.E  (Mechanical Engg.) | Govt. Engineering College, Ajmer (Raj.) | 60.33 |
| 1999 | XII(R.B.S.E) | D.A.V. School Ajmer | 68.75 |
| 1997 | X (R.B.S.E) | D.A.V. School Ajmer | 65.45 |

**Published Papers in Journals**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Session | S.No | Title with Page Nos. | Journal | ISSN/ISBN |
| 2013-14 | 1 | Anode shape prediction in Through-mask-ECMM using FEM | International Journal of Machining Science & Technology | LMST-2014-0010.R |

**Paper Presented in Conferences, Seminars, Workshops, Symposia**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Session | S.N | Title of the paper presented | Title | Organized by | level |
| 2007-08 | 1 | Survey of quality and management tool | NCREAT, Ajmer | GEC Ajmer | National |
| 2 | Implementation of quality circle | NCREAT, Ajmer | GEC Ajmer | National |
| 3 | Poka-Yoka a Tool for Mistake Proofing | NCREAT, Ajmer | GEC Ajmer | National |
| 2011-12 | 4 | ECMM-An Advanced Manufacturing Process for Microfabrication | National Convention for Mechanical Engineers | IE jaipur | National |
| 2014-15 | 5 | Process analysys and application of microfabrication using patterining by electrochemical electrolysis process | Intenational conference of advances in material and product design(AMPD2015) | NIT Surat | International |
| 2014-15 | 6 | Parametric optimization of ECMM for Masking Alluminium by Taguchi Method | Intenational conference of advances in material and product design(AMPD2015) | NIT Surat | International |

**Short term course**

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| --- | --- | --- | --- | --- |
| Session | S.No | Programme | Duration | Organized by |
| 2007-08 | 1 | Six Sigma | 7 days | MNIT Jaipur |
| 2008-09 | 2 | Altranativa Automobile Fuel | 14 days | MNIT Jaipur |
| 2012-13 | 3 | Simulation and Modeling | 7 days | GEC Ajmer |
| 2013-14 | 4 | Finite Element Method | 7Days | MNIT Jaipur |
| 5 | Permoting Excellence in reserch | 7 days | GEC Ajmer |

**Invited Lectures**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Session | S.No | Title of Lecture/ Academic Session | Title of Short-Term Course | Organized by | Whether international/ national |
| 2013-4 | 1 | PDE tool | Simulation and modeling | NITTR chandigarh | National |

**Seminar Conference and Short term Course Organized**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Session | S.No | Title of Short-Term Course | Organized by | Whether international/ National |
| 2013-4 | 1 | Simulation and modeling | NITTR chandigarh | National |

**Research Guidance**

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| Session | S.No. | Course | Number Enrolled | Thesis Submitted | Degree awarded |
| 2011-12 | 1 | MTech Thesis | 2 | Stage-I Completed | NO |
| 2012-13 | 2 | MTech Thesis | 2 | Stage-1 Completed | NO |

**Academic Achievements:**

* Qualified GATE 2009 with AIR 449 (98.03 percentile )
* Qualified ESE2008 and ESE 2009 (written Exam)
* Qualified DRDO 2007 & 2008
* Presently providing guidance for Gate and IES Exam

**M.Tech Courses:**

* Machining Science-I
* Metal Forming.
* Machining Science-II.
* Numerical Control.
* Finite Element Method
* Advanced Machining Processes.
* Automization
* Mathematical Methods in Engineering.

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| **Subject Specialization(Teaching Experience)** |

* Operation Research.
* Theory of metal cutting
* Operation Management.
* Analysis of Metal forming and Casting processes
* Advanced Mechanics of solids

**Academics Projects**

* **M.Tech**

**Working on**: “**Anode shape prediction in ECMM**” Under the

Guidance of Prof. V.K.Jain ,Deptt. of Mechanical Engg. IITK

**Industrial Training:**

* Undergone Vocational Training for 30 Days from Indian Railway workshop, Ajmer during II yr. summer training
* Undergone Vocational Training for 45from **HMT Ltd Ajmer** during III yr.

summer training.

**Software Proficiency:**

* Software Tool : MATLAB, Latex , Auto CAD, Pro-E , Solid works.
* Programming Language: C, FORTRAN 77.

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| **Hobbies :** |

* Reading and listing news

**Personal Information**

* Name : Dilip Gehlot
* Father's name : Sh. P.C.Gehlot
* Date of Birth : 09-Aug.-1982
* Gender : Male
* Marital Status : Married
* Nationality : India
* Languages known : Hindi, English
* Permanent Address: : H.No.457/22,Shiv Nagar, Bihari Gunj,Ajmer-305001

Date:

Place: Ajmer