**Mr Ajit Dhanawade**

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**Email ID-** dhanawadeajitd@gmail.com

**Educational qualification**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr. No. | Degree | Division/Grade | Year of completion | College/University |
| 1 | BE (Production Engineering) | 73.27% First class with distinction | 2009 | D. Y. Patil college of engineering & Technology, Kolhapur, Maharashtra |
| 2 | ME(Mechanical-Production Engineering) | 71.71% First class with distinction | 2012 | KIT’s college of engineering, Kolhapur, Maharashtra |
| 3 | PhD (Mechanical Engineering) | --- | Pursuing | S V National Institute of Technology, Surat, Gujrat |

**Current position:** Research Scholar, Department of Mechanical Engineering, S V National Institute of Technology, Surat

**Area of Research work**

* Non-traditional machining of composite materials

**Dr. Shailendra Kumar**

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**Email ID-** skbudhwar@med.svnit.ac.in , skbudhwar2003@yahoo.co.in

**Educational qualification**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr. No. | Degree | Division/Grade | Year of completion | College/University |
| 1 | B.Sc. Engineering (Production Engineering) | 79% First class with distinction | 1999 | Regional Institute of Technology, Jamshedpur (Presently NIT Jamshedpur) |
| 2 | PhD (Mechanical Engineering) | --- | March 2007 | Maharshi Dayanand University, Rohtak, Haryana, India |

**Teaching Experience**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Organization** | **Post held** | **Duration** | **Responsibilities** |  |
|  |  |  |  |  |
| SV NIT Surat | Associate Professor | 16-8-2007 | Teaching of UG & PG subjects, |  |
|  | **(Present Post)** | onwards | Research & Administrative work |  |
|  |  |  |  |  |
| Hindu College of | Assistant Professor | 15-5-2007 | Teaching of UG subjects |  |
| Engineering, Sonepat | & Head | to | Research &Administrative work |  |
| (Haryana) |  |  |  |
|  | 14-8-2007 |  |  |
|  |  |  |  |
|  |  |  |  |  |
| Hindu College of | Lecturer | 9-11-1999 | Teaching of UG subjects |  |
| Engineering, Sonepat |  | to |  |  |
| (Haryana) |  | 14-5-2007 |  |  |
|  |  |  |  |
|  |  |  |  |  |

**Research Publications:**

* International Journals: 27
* National Journals: 08
* International Conferences: 45
* National Conferences: 30

**Area of Research Interests:**

* AI Applications in Sheet Metal Forming
* Press Tool Design • Manufacturing Processes
* Automation in Manufacturing
* Flexible Manufacturing Systems
* Computer Aided Process Planning (CAPP)
* CAD/CAM/CIM

**Research Projects:**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Funding Agency** | **Title of Project** | **Grants** | **Duration** | **PI/Co-PI** | **Status** |
|  |  | **Sanctioned** |  |  |  |
|  |  |  |  |  |  |
| DST, New Delhi | Development of an | 3,60000/- | 2008-2011 | PI | completed |
| (Under Fast Track | intelligent system |  |  |  |  |
| Scheme for Young | for selection of |  |  |  |  |
| Scientist) | materials for press |  |  |  |  |
|  | tool components |  |  |  |  |
|  |  |  |  |  |  |
| MHRD, New Delhi | National Mission | 91,00000/- | 2013-2015 | Institute | Ongoing |
| (Project is headed | Project on | (total 13 |  | Coordinator |  |
| by IIT Kharagpur) | “Developing | courses, each |  | (Also |  |
|  | suitable pedagogical | course budget |  | developing |  |
|  | methods for various | – Rs. 7 Lakh) |  | one course |  |
|  | classes, intellectual |  |  | as PI) |  |
|  | calibers and |  |  |  |  |
|  | research in e- |  |  |  |  |
|  | learning” |  |  |  |  |
|  |  |  |  |  |  |
| Science & | Automation of | 24,10000/- | 2014-2017 | PI | Ongoing |
| Engineering | design of compound |  |  |  |  |
| Research | dies for sheet metal |  |  |  |  |
| Board(SERB), | industries |  |  |  |  |
| New Delhi |  |  |  |  |  |
|  |  |  |  |  |  |
| **Naval Research** | Investigation on the | 18,12000/- | 2014-2017 | PI | Ongoing |
| **Board, Directorate** | influence of |  |  |  |  |
| **of Naval R&D** | Machining |  |  |  |  |
| **(DNRD), New** | Parameters |  |  |  |  |
| **Delhi** | in the Machining of |  |  |  |  |
|  | Carbon epoxy |  |  |  |  |
|  | composite with |  |  |  |  |
|  | AWJM to |  |  |  |  |
|  | improve surface |  |  |  |  |
|  | finish and minimize |  |  |  |  |
|  | defects |  |  |  |  |
|  |  |  |  |  |  |

**Books:**

Book Chapter: AI Applications to Metal Stamping Die Design, In: Artificial Intelligence: Approaches, Tools and Applications (ISBN 978-1-61324-019-9), Nova Science Publishers, New York, 2011, pp. 71-95.

Book Edited: Proceedings of five National Conferences

Books Reviewed: 04 (Publisher - Tata-McGraw Hills, New Delhi)

**Ph.D. Guidance:** 03 (awarded), 05 (ongoing)

**Mr. R V Kalmekar**

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**Email ID:-** rajkalmekar@yahoo.co.in

**Address:-** Naval Materials Research Laboratory, Ministry of Defence (DRDO), Ambernath-E, Dist-Thane, Maharashtra PIN-421503

**Educational qualification**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sr. No. | Degree | Division/Grade | Year of completion | College/University |
| 1 | B.E. (Mechanical Engineering) | 70% First Class | 1994 | Government College of Engineering, Amravati. Saint Gadge Baba University, Amravati, Maharashtra, India |
| 2 | M. Tech (Material Science & Engineering) | 9.26 CGPA | 2012 | IIT, Kharagpur, West Bengal, India |

**Area of Research Interests:**

* CAD & FEM Analysis
* Friction Stir Welding & Processing Technology
* Residual Stress Investigation and related Fatigue Life Assessment of welded joints
* Contour Method of Residual Stress Measurement
* Welding technology and testing of welded joints

**Working Experience:**

|  |  |  |  |
| --- | --- | --- | --- |
| **Organization** | **Post held** | **Duration** | **Responsibilities** |
| Naval Materials Research Laboratory (NMRL), DRDO Ambernath, Dist- Thane MS, India  | Scientist-E | 05-Apr-2013 to Till date | * Research and Development of Welding Technology for Naval Structures.
* Testing and Certification of Welded Joints.
 |
| Naval Engineering College, INS Shivaji, Lonavala, MS, India | Scientist-D | 26-Dec-2008 to 04-Apr-2013 | * Vice Principal
* Teaching UG Naval Officers and Cadets Mechanical Engineering & Materials Science Subject
 |
| Instruments Research & Development Establishment (IRDE), DRDO, Dehradun, Uttaranchal, India  | Scientist- B to Scientist- D | 09-Jun-1997 to 25-Dec-2008 | * Research & Development of Opto-Mechanical Systems for Defence Applications.
* CAD & FEM Analysis
 |
| Government Polytechnic College, Board of Technical Education, Khamgaon & Gadchiroli, Maharashtra, India | Lecturer in Mechanical Engineering | 05-Nov-1995 to 30-May-1997 | * Teaching Diploma in Engineering Students
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