

**Krishankant Sharma**

**Hari Sneh Sadan, Street No:2, Shanti Nagar, Kurukshetra**

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Date- 1<sup>st</sup> December, 2021

Designation- **Assistant Professor at Mechanical Engineering Department.**

I am submitting herewith my resume for your perusal and favourable consideration for the post of < position vacant> in your organization.

Review of my credentials will indicate that I have **12.4 years of experience in providing visionary leadership to Mechanical Engineering, imparting quality education to a wider range of aspiring professionals. Currently I am spearheading as a Faculty Member with Chandigarh University.** I am Innovative and **experimental attitude towards the teaching process, as well as towards the curriculum,** developing student-centered, congenial learning techniques to instil enthusiasm towards studies in students, various **Technical workshops, Industrial visit, Guest lecture/Seminar** etc.

I am a dedicated and focused individual, determined to add value to the organization I work for, through my exceptional knowledge and learning ability. I possess well developed communication skills with reputation of unwavering accuracy, credibility and integrity.

At this stage **I find myself to be groomed enough to look outward and explore the possibility of placement at a suitable professional position with higher responsibilities.** A tour through my enclosed resume shall familiarize you with the details and I am confident, in my credentials, you would find a perfect fit for the said job. Thanks in advance for sparing your time.

I would appreciate the chance to meet with you in person to discuss as to how I could be a vital part of your organization.

Thanking you in Anticipation.

Yours Sincerely

**Krishankant Sharma**

# Curriculum Vitae

**KRISHANKANT**



**Email** : [kriishan26@gmail.com](mailto:kriishan26@gmail.com)  
[krishankant.me@cumail.in](mailto:krishankant.me@cumail.in)

**Mobile No:** +91-9215252551, 09466270234

## **JOB OBJECTIVE:-**

To work for a professional organization with a job profile that creates an opportunity for the growth in professional & social responsibilities toward excellence & to seek the challenging career in my field & to be the part of the team that works dynamically for the growth of the organization in a challenging atmosphere, which provides ample opportunities for perpetual learning and growth..

## **PROFESSIONAL CREDENTIALS:-**

- **Post Graduate Diploma in Piping Design Engineering & Construction.**
- **Foundation Diploma in Auto Cad & Pro-E.**

## **PATENT FILING (PIE FORM)**

Sr No	Title of Invention	Application Temp. number / Application No number	Date of filing of Complete Application	Status
1	Infant Feeding Monitoring System			More Research
2	Refillable Writing Devices	201911008248	02-03-2019	<b>Patent Publish</b>
3	Auto Bike/Scooty Stand lift up System ( ASL System)			In Process
4	Design Neck & Shoulder Cervical pain Reliever Structure	cbr Number: 9857	29-03-2019	<b>Patent Publish</b>
5	Auto sensing manhole Cover/ Hydraulic Man Hole Cover	201911029197	19-07-2019	<b>Patent Publish</b>

6	virtual car eye system			More Research
7	Desert Cooler Supersonic Air Diverter and Grill Design	201911029185	19-07-2019	Patent Publish
8	Clutch and Brake Foot Pad/Pedal Design			Patent Publish
9	PIZO SMART ELEVATOR (PSE)	201911036468	10-09-2019	Patent Publish
10	Auto ACU Noma (AAN)/ Knee Foot Fain reliver	201911029180	10-09-2019	Patent Publish
11	Kitchen utensils cleaning rotatable washers			In Process
12	MULTIFUNCTIONAL LIQUID CONATINING DEVICE	202011031016	3/20/2020	Filling Done
13	Design Refillable Tooth Brush with Toothpaste & Oral Solution			Filling Done
14	Design for Hair dye/colour applicator	202011009168	03-03-2020	Filling Done
15	Push-Pull multiple burners induction cooker	202011012257	20/03/2020	Filling Done

#### ACADEMIC CREDENTIALS:-

Name of Examination	University /Board	Year of Passing	Percentage Marks
PhD: Doctor of Philosophy	Maharaja Agrasen University	Pursuing 2020	Pursuing
Masters of Business Administration in Industrial & Operation Management	Maharishi Dayanand University	2014	60
Master of Technology (Manufacturing Systems)	Maharishi Markendeshwar Mullana University	2013	68.24
Bachelor of Technology (Mechanical Engineering)	Kurukshetra University Kurukshetra	2008	67.26
Senior Secondary	N.I.O.S (Delhi Board)	2003	72.50
Higher Secondary	Haryana Board	2001	67.43

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## **TECHNICAL SKILLS:-**

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- Sound knowledge of piping materials, selection of materials for construction.
- Preparation of Plot Plan, Piping Layouts, Equipment Layout, Piping isometrics
- Preparation of preliminary valve MTO, final MTO.
- Piping thickness calculation, Reinforcement pad thickness calculations.
- Stress Analysis: This includes safe span calculation, dead weight analysis, thermal flexibility Analysis etc.

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## **PROJECT:-**

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- Work on Biodiesel Engines & Multi Fuel Engines.
- Maynard Operational Sequential Techniques in Minda.Pvt. Ltd.
- Flux Consumption in Submerged Arc Welding at Mullana University.

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## **PAPER PRESENT IN CONFERENCE:-**

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1. Paper Publish in National Conference in Galaxy Global Group of Institutions, Ambala on “Determination of Flux Consumption in submerged arc welding by the effect of welding Parameters by using R.S.M Techniques”.
2. Paper Publish in “International Conference on Advances in Mechanical and Computer Engineering “at Ganpati Institute of Technology and Management, Ballarpur, Yumananagar on “Reuse of Slag as Flux in Submerged Arc Welding When Welding Parameters Selected By Response Surface Methodology Techniques” Feb 2013.
3. Paper Publish in National Conference in Dev Bhoomi Groups on Institutions, Saharanpur on “Optimization of turning process by the effects of machining parameters when applying Taguchi methods on EN24 Steel” 30 March 2014.
4. Paper Publish in National Conference in Dev Bhoomi Groups on Institutions, Saharanpur on “Use of crushed slag as welding flux in submerged arc welding when welding parameters Selected by response surface methodology techniques” 30 March 2014.
5. Paper Publish in National Conference in Chandigarh University, Gharuan on “Reuse of Slag As Flux with 20%slag & 80%pure flux in submerged arc welding” 28-29<sup>th</sup> October 2015.
6. Paper Publish in National Conference in Chandigarh University, Gharuan on “Parameter Optimization of electro discharge machining of A1S1 H11 die steel & its tool wear behaviour By using Taguchi” 28-29<sup>th</sup> October 2015.

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**PAPERS PUBLISH IN INTERNATIONAL JOURNAL:-**

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1. Krishankant, Sandeep Jindal, Shashi Kant Shekhar Submitted a research paper entitled, **“Determination of Flux Consumption in submerged arc welding by the effect of welding Parameters by using R.S.M Techniques**, “Global Journals of Researches in Engineering, Feb.2012. Volume 12 Issue 2.ISSN 0975-5861.
2. Krishankant, Mohit Bector, et.al , **“Application of Response Surface Modeling for determination of Flux consumption in submerged arc welding by the effects of various welding parameters ,”**International Journal of Mechanical Engineering & Robotics Research, Oct .2012. Vol. 1, No. 3, © 2012 IJMERR. ISSN 2278 – 0149 .
3. Krishankant, Jatin Taneja, et.al , **“Application of Taguchi Method for Optimizing Turning Process by the effects of Machining Parameters,**“International Journal of Engineering and Advanced Technology Volume-2 Issue-1 on October 30, 2012.
4. Rajesh Kumar, KrishanKant, et.al, **“Performance Study of Wire Cut Electric Discharge Machining Process by Using Taguchi’s Parameter Design Approach,** “ International Journal of Engineering Inventions (IJEI) Edition: Vol. 2(2), Jan. 2013
5. Krishankant, Mohit Bector, et.al , **“ Determination of flux consumption when reuse of slag as flux in submerged arc welding when welding parameters selected by Response Surface Methodology techniques,** “ IJESM, International Journal of Engineering, Science and Mathematics, Volume 2, Issue 1 ISSN: 2320-0294, March 2013
6. Suraj Choudhary, KrishanKant, et.al, **“ Analysis of MRR and SR with different electrode for SS 316 on Die-Sinking EDM using Taguchi Technique,** “International Journal of Mechanical Engineering and Technology, April 2013.
7. Krishankant, Rachit Marawaha, et.al, **“Experimental Investigation & Analysis of Wear Parameters on Al/Sic/Gr - Metal Matrix Hybrid Composite by Taguchi Method,”**Global Journals of Researches in Engineering, Feb.2012. Volume 13 Issue 9 Version 1.0.Online ISSN: 2249-4596 Print ISSN: 0975-5861.
8. Rachit Marwaha, KrishanKant, et.al, **“Determination & Experimental Investigation of weight loss on Al/SiC/Gr- Metal Matrix Method Composite by Taguchi Method,”**International Journal of Science, Engineering and Technology Research (IJSETR) ISSN: 2278 – 7798, Volume 2, Issue 11, November 2013.
9. Krishankant, Pawan, Nishant, **“An Experimental Study and Development of Compressed Air Engine in 4 Stroke Single Cylinders** in GJRE Volume 14. Issue 4, ISSN 0975-5861, 8th of April A.D. 2014.

10. KrishanKant, Mohit, RajKumar **“A Detailed study of different types of NDT in industries under different machining methods Used,”** in Volume 10, Issue 06 in May 2014.
11. KrishanKant, Sandeep Kumar, **“Reclamation of Slag as flux consumption by the effects of welding parameters in Submerged arc Welding,”** in Volume 01, Issue 06 in May 2014.
12. Krishankant Sharma, Mohit Bector, **“Comparing Various NDT Techniques by Using Them on V-Butt Welded Joint on Stainless Steel Cylinder by Means of Time Consumption, Flaw Detection, Crack Depth Detection, Safety and Cost ,”** International Journal for Research in Technological Studies| Vol. 1, Issue 8, July 2014 | ISSN (online): 2348-1439.
13. Krishankant Sharma, **“Experimental Investigation of Magnetic Field Assisted on Edm Process By using Taguchi Method on En-19 Tool Steel,”**Global Journals of Researches in Engineering, Volume 15 Issue 3 Version 1.0 Year 2015 I Online ISSN:2249-4596 Print ISSN:0975-5861.
14. Krishan Kant, Parveen Tyagi, **“Study of the effect of machining parameters and Analysis of the wear characteristics of an EDM by ANOVA’s Techniques,”** 2016 IJSRSET | Volume 2 | Issue 1 | Print ISSN : 2395-1990 | Online ISSN : 2394-4099.
15. Krishan Kant, Umesh Gupta, **“Parameter Optimization of Electro Discharge Machining Of AISI H11 Die Steel Material and Its Tool Wear Behavior by Using Taguchi Techniques ,”** International Journal for Research in Applied Science & Engineering Technology (IJRASET), Volume 4 Issue I, January 2016 IC Value: 13.98 ISSN: 2321-9653.
16. Krishan Kant, Lalit Kumar, **“Experimental Study of Process Parameters in Dry Turning of AISI 4340 Alloy Steel Using PVD Coated Carbide Insert,”** 2016 IJSRSET | Volume 2 | Issue 2 | Print ISSN : 2395-1990 | Online ISSN : 2394-4099 Themed Section: Engineering and Technology.
17. Krishankant, Deepak Rawat,et.al, **“Effects of Various Process Parameters by Tensile and Toughness Test on Weld Joint Quality of HSLA Steel during Submerged Arc Welding,”** 2016 IJSRSET | Volume 2 | Issue 2 | Print ISSN : 2395-1990 | Online ISSN : 2394-4099 Themed Section: Engineering and Technology.
18. Krishan Kant, Lalit Kumar. Etc all, **“ To Optimize Maximum Tensile Strength & Analysis of Microstructure of FSW on Magnesium Alloy by ANOVA Techniques ,”**International Journal of Advanced Research in Education & Technology (IJARET) 42 Vol. 3, Issue 2 (April - June 2016) ISSN : 2394-2975 (Online).

## TECHNICAL WORKSHOP / SEMINAR:-

- 2 Days Engine Over-Hauling Workshop at Kurukshetra Institute of Tech & Mgmt & 3 days Engine Over-Hauling Workshop at Shree Krishna Institute of Tech & Engineering.
- 10 Days Technical workshop Based on Research Methodologies Organized by IIT BOMBAY at Galaxy Global Group of Institutions.
- 2 Days Workshop “Aakash Tablet” Organized By IIT BOMBAY at Galaxy Global Group of Institutions.
- 2 Week Workshop “Engineering Thermodynamics “Organized By IIT BOMBAY at Galaxy Global Group of Institutions.
- 2 Days Workshop “Autotarc” Organized By IIT BOMBAY at Galaxy Global Group of Institutions.
- Organize 2 Days National Level Workshop at Shri Krishna Institute Of Tech & Engineering Based on Non-Destructive Testing Techniques by JIECO on 29-30 Sep.2014.
- Coordinate 2 Days National level Workshop on 12-13 Mach 2015 “Non Destructive Testing Techniques & its Methods” Organized by JIECO Pvt.Ltd at Krishna Institute of Tech & Engineering.

## EXPERIENCE:-

Name of Organisation/Institute	Department /University	Time Duration	Experience
Chandigarh University	Assistant Professor	June 2015 – Till Date	6.6 Years
Shree. Krishan Institute of Engineering & Technology	Assistant Professor	August 2013 – June 2015	1.10 Years
Galaxy Global Group of Institutions, Ambala	Assistant Professor	July 2011- March 2013	1.6 Years
P.D.P & Kurukshetra Institute of Tech & Mgmt.	Lecturer	Feb 2009 – July 2011	2.5 Years

## M.Tech Thesis Guided :-

- Three M.tech students completed their Thesis Work on (SAW and EDM) from Galaxy Global Group of Institutions & Shri krishan institute of engineering & technology.

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**PROFESSIONAL SKILLS:-**

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- Knowledge of CAESER – II ( version 5.1), Design Expert 6.1
- Knowledge of AutoCAD 2004, Propipe.
- Knowledge of MS-Excel, MS-Words, Outlook Express, Windows98\XP.

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**BOOK PUBLICATION:-**

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- Start work 2012 & Completed Publication of **TRIBOLOGY (friction, wear & lubrication)** book by **Laxmi Publications 2013.**

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**PROFESSIONAL PROGRAMME:-**

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- Organizing **2 Days Engine Overhauling** Technical Workshop in **K.I.T.M Engg.College & Galaxy Global Group of Institutions.**
- Organizing many **Guest Lectures** in Galaxy Global Institute for Mechanical Students.
- Approval of **A.S.M.E (U.S.A) Technical Society** Student Section in B.tech Colleges.
- Many Research Experiments for Mechanical Students in Labs / Workshops.
- Training & Placement for B.tech Mechanical Students in Industries.
- Organizing **2 Days Industrial Visit** for Mechanical Students in **H.M.T, Vardmaan, and Jindal.etc.**

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**ACHIEVEMENTS:-**

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- Publish Book for Mechanical Students” **TRIBOLOGY”** By **Laxmi Publications.**
- Received several awards for Paper Presentation at school & college level.
- Member of Technical Society of Department.
- **Workshop Incharge** in Mechanical Deptt.
- Coordinator of **Training & Placement** for Mechanical Final Year Students.

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**PROFESSIONAL MEMBERSHIP:-**

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- **A.S.M.E (U.S.A) Technical Society** Student Section.
- **Life Time Membership of Indian Society for Technical Education (M.NO – LM 87379).**
- Life Membership **IAENG – International Association of Engineers.**
- Life Membership of **Institutions of Mechanical Engineers, London.**
- Life time Membership **Talent campus** Technical Society.



### **NATIONAL SERVICE SCHEME CAMP (NSS/NCC):-**

- As Programme Officer Organized 7 days Special Camp National Service Scheme at Mohali Villages through Chandigarh University.
- NSS Rally at Chandigarh to Motivate young Volunteers to Donate blood Donation Camp through PGI, Chandigarh.
- As Programme Officer organized one day Blood Donation Camp National Service Scheme at Mankheri Village with the collaborations with P.G.I, Chandigarh.

### **COMMUNICATION WITH TECHNICAL INSTITUTES:-**

- Talent Campus for students Training & Placement Activities.
- Summer / Winter Internship Module Training centre through web net InfoTech pvt. Ltd & Blue Eminence Technologies.

### **ENTREPRENEURSHIP AWARENESS CAMP & MARKETING SKILLS:-**

- Event Coordinator 1 Month Entrepreneurship awareness camp at Kurukshetra on Paper based disposal manufacturing.
- Organized 3 days Entrepreneurship awareness camp through HARDICON Limited for final year students at SKIET, Kurukshetra.
- Coordinate 14 days Faculty Development Programme Entrepreneurship & Small Business Management Programme at Shri Krishan Institute of Engg. & Tech, Kurukshetra.



### **TECHNICAL CERTIFICATION:-**

- Certified by Cad Centre Chandigarh in Foundation Diploma in **Auto Cad Design**.
- Certified by Trinity Academy of Professionals in **Post Graduate Diploma in Piping Design & Material Selection**.
- Certified in **Pro-E** Design software at Kurukshetra.
- Certified by Galaxy Global Institutions in Various **Technical Events**.

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### Areas of Expertise:-

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- Tribology, Manufacturing Process, Steam generation & Power, Thermodynamics, Automobile, A.M.T, Power Plant Engineering.

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### GRANT PROVIDED TO INSTITUTE:-

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- DST Provided Rs. **20,000** In Grant Provided To Shri Krishan Institute Of Engineering & Technology for Conducting Entrepreneurship Awareness Camp.
- Grant sensation for conduction workshop on Non-Destructive Testing Techniques through AICTE.

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### STRENGTHS:-

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- Hardworking and determined, dedicated and result oriented.
- Eager to learn and contribute.
- A good team worker & leadership Quality.

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### FUTURE PROGRAMME FOR DEPTT IN MIND:-

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- M.O.U sign for Research Work with **A.S.M.E Technical Society**.
- 45 Days **Summer Training Programme** for B.tech Mechanical Students.
- Workshop for Mechanical Students in **Engine Overhauling**.
- **Industrial Visit** in various Industries and Technical Deptt.
- Special Training for B.tech Students Participates in **Technical Events**.

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### PERSONAL VITAE:-

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<b>Father's name</b>	<b>: Mr. Hari Charan Dass Sharma.</b>
<b>Date of Birth</b>	<b>: December 26, 1985</b>
<b>Permanent Address</b>	<b>: Hari-Sneh Sadan, Street no: 2 , Shanti Nagar, Opposite Shiv Chandi mandir, Kurukshetra University 3<sup>rd</sup> Gate.</b>
<b>Nationality</b>	<b>: Indian</b>
<b>Marital Status</b>	<b>: Single.</b>
<b>Contant No.</b>	<b>: 09215252551, 09466270234</b>

I certify that the information furnished above is correct and complete to the best of my knowledge and belief.

**KRISHANKANT**