

CURRICULUM VITAE

RAHUL DAVIS

Assistant Professor

Department of Mechanical Engineering

Shepherd Institute of Engineering & Technology

**Sam Higginbottom University of Agriculture,
Technology & Sciences**

Allahabad, India



DATE OF BIRTH: DEC 10, 1986

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EDUCATIONAL DETAILS

2011	M. Tech. Production & Industrial Engineering SAM HIGGINBOTTOM INSTITUTE OF AGRICULTURE, TECHNOLOGY & SCIENCES –DEEMED –TO- BE- UNIVERSITY, Allahabad, India
2008	B. Tech. Mechanical Engineering ALLAHABAD AGRICULTURAL INSTITUTE- DEEMED UNIVERSITY, Allahabad, India
2003	U.P. Board Senior School Certificate Examination PARKER INTER COLLEGE, Moradabad, India
2001	U.P. Board Secondary School Examination PARKER INTER COLLEGE, Moradabad, India

PROFESSIONAL EXPERIENCE IN TEACHING & RESEARCH

Duration	INSTITUTE / UNIVERSITY	DESIGNATION
July 2011 - Till date	Sam Higginbottom Institute of Agriculture, Technology & Science -Deemed-to-be- University, Allahabad, India	Assistant Professor
July 2010 - June 2011	Sam Higginbottom Institute of Agriculture, Technology & Science -Deemed-to-be- University, Allahabad, India	Junior Lecturer
July 2009 - June 2010	Allahabad Agriculture Institute -Deemed University, Allahabad, India	Teaching Assistant

ADDITIONAL ACADEMIC RESPONSIBILITIES

- 1. Staff Advisor, *B. Tech Mechanical Engineering (Final year) and B. Tech Production and Industrial Engineering (Final year)*, Department of Mechanical Engineering, *SHIATS*, Allahabad, India (July 2012 - till date)**
- 2. Member, Board of Studies, Department of Mechanical Engineering, *SHIATS*, Allahabad, India (July 2012 - till date)**
- 3. Member, Examination Committee, Shepherd School of Engineering & Technology, *SHIATS*, Allahabad, India (October 2012 - till date)**
- 4. Member, Student's Advisory Committee (SAC), Department of Mechanical Engineering, *SHIATS*, Allahabad, India (July 2011 - till date)**

ADMINISTRATIVE RESPONSIBILITIES

- 1. Lab-in-Charge, *Student's Workshop*, Department of Mechanical Engineering, *SHIATS*, Allahabad, India (July 2016 – till date)**
- 2. Chaplain, Department of Mechanical Engineering, *SHIATS*, Allahabad, India (July 2012 - till date)**
- 3. Lab-in-Charge, *Engineering Graphics Lab*, Department of Mechanical Engineering, *SHIATS*, Allahabad, India (July 2012 – till date)**
- 4. Membership Secretary, *Gideons International Ministries - Naini Camp*, Allahabad, India (July 2010 – till date)**
- 5. Hostel Warden, *Men's Hostel*, Sam Higginbottom Institute of Agriculture, Technology & Sciences –Deemed University (*SHIATS-DU*), Allahabad, India (January 2010 – till date)**

6. Staff Advisor, *Student's Christian Movement –India (SCMI) SHIATS Unit*, Allahabad, India (January 2010 – till date)

7. Member, *Anti Ragging Cell, SHIATS*, Allahabad, India (Jan 2010 – till date)

TRAININGS /SHORT TERM COURSES

1. Rahul Davis (2017) attended an AICTE Sponsored *Short Term Course* on “**Additive Manufacturing: Theory & Practice**” at *Indian Institute of Technology (IIT-BHU)*, Mar 16th – Mar 22nd 2017, at Varanasi, Uttar Pradesh, **India**

2. Rahul Davis (2013), attended an AICTE sponsored *Short Term Course* on “**Finish Machining: A-State-of-the-Art**” at *Indian Institute of Technology Roorkee (IIT-R)*, Sept. 2nd – Sept. 6th 2013 at Roorkee, **India**

3. Rahul Davis (2012), attended a *Short Term Course* on “**Mechatronics**” at *National Institute of Technical Teachers Training & Research (NITTTR)*, Jan 16th – Jan. 20th 2012, at Chandigarh, Punjab, **India**

RECOGNITION/AWARDS

1. **Entitled to All Privileges** granted by Constitution of ASME by American Society of Mechanical Engineers (ASME), **USA** in 2015

2. Received the **Best Research Paper Award** for the research paper titled “**Performance Study of Electrical Discharge Machining (EDM) Process in Burr Removal of Drilled Holes in OHNS Steel**” in *2015 International Academic Conference on Development in Science and Technology (IACDST)*, at Hotel Flamingo by the lake, Kuala Lumpur, **Malaysia** on Nov. 28th, 2015

3. **Invited Keynote Speaker** in *2015 International Academic Conference on Development in Science and Technology (IACDST)*, at Hotel Flamingo by the lake, Kuala Lumpur, **Malaysia** on Nov. 28th, 2015

4. **Technical Session Chair** in *2015 International Academic Conference on Development in Science and Technology (IACDST)*, at Hotel Flamingo by the lake, Kuala Lumpur, **Malaysia** on Nov. 28th, 2015

5. **Technical Session Chair** in *2014 International Conference on Mechatronics Manufacturing and Automation (ICMMA 2014)*, at Quality Hotel, **Singapore** during Feb. 19th – 20th 2014

6. Received **Travel Grant** (2014) from *Department of Science & Technology (DST), Science & Engineering Research Board (SERB), Govt. of India* for presenting Research Paper in *2nd International Conference on Advances in Mechanical & Robotics Engineering (AMRE 2014)*, at Hotel Novotel Airport Messe, Zurich, **Switzerland**, Oct. 25th – 26th 2014

7. Received the **Best Research Paper Award** for *June 2013*, by **Trans Stellar Journal** Publication for the Research Paper titled “*The Application of Taguchi’s Optimization Method in Wet Turning Operation of EN 19 Steel*”, *International Journal of Mechanical & Production Engineering Research & Development (IJMPERD)*, - Volume 3, Issue 2, **Impact Factor : 5.2189**

8. **Silver Medal** in 2011 in **M. Tech (Production & Industrial Engineering)**

PROFESSIONAL EXPERIENCE IN PEER-REVIEW ACTIVITIES

1. **Journal Reviewer** for *International Journal of Advanced Manufacturing Technology (IJAMT-Springer)*

2. **Journal Reviewer** for *Journal of Industrial Engineering International (JIEI-Springer)*

3. **Journal Reviewer** for *Journal of Materials: Design and Applications (SAGE)*

4. **Journal Reviewer** for *Industrial Lubrication & Tribology (ILT-Emerald)*

5. **Journal Reviewer** for *Cogent Food & Agriculture (Taylor & Francis)*

6. **Journal Reviewer** for *World Journal of Engineering Science (WJES)*

7. **Journal Reviewer** for *Global Journals Inc. (GJRE)*

8. **Journal Reviewer** for *Trans Stellar (TJPRC)*

9. **Journal Reviewer** for *World Scientific & Engineering Academy & Society (WSEAS)*

PROFESSIONAL EXPERIENCE IN EDITORIAL ACTIVITIES

1. **Member, Editorial Board**, *International Journal of Mechanical Engineering and Technology (IJMET)*

2. **Member, Editorial Board**, *International Journal of Industrial Engineering Research and Development (IJIIRD)*

3. **Member, Editorial Board**, *International Journal of Design and Manufacturing Technology (IJDMT)*

4. **Member, Editorial Board**, *International Journal of Research in Mechanical Engineering (IJRME), IASTER*

PROFESSIONAL MEMBERSHIPS

1. **Member**, American Society of Mechanical Engineers (**ASME**), **USA**

2. **Member**, Scientific Board of Industrial & Mechanical Engineers, *International Institute of Engineers (IIENG)*, **United Kingdom**

3. **Member**, American Society for Research (**ASR**), **USA**

4. **Member**, IACSIT Mechanical Engineering Society, *International Association of Computer Science & Information Technology (IACSIT)*, **China**

5. **Member**, *International Association for Engineering and Management Education (IAEME)*, **India**

6. **Member**, IAENG Society of Mechanical Engineers, *International Association of Engineers (IAENG)*, **Hong Kong**

INTERNATIONAL & NATIONAL SEMINARS/WORKSHOPS

1. Rahul Davis (2013), attended a **National Seminar** on *Recent Trends in Finish Machining*, at SSET, October 22nd, SHIATS, Allahabad, **India**
2. Rahul Davis (2013), attended an **International Seminar** in Association with *University of Oxford & Yale University* on “*What is Emotional Intelligence?*” Hotel Regency, October 5th, Allahabad, **India**
3. Rahul Davis (2013), attended “**National Workshop for Chaplains and Campus Ministries**”, at Jeevan Jyoti Retreat House, organized by All India Association of Christian Higher Education (AIACHE), June 20th to 22nd, Hyderabad, **India**
4. Rahul Davis (2012), attended **National Workshop** on “*Advances in Solar Energy Technology*”, *Sam Higginbottom Institute of Agriculture, Technology & Sciences*, September 18th, Allahabad, **India**
5. Rahul Davis (2012), attended “**National Workshop on Interface between Science and Religion**”, *Sam Higginbottom Institute of Agriculture, Technology & Sciences*, April 10th-11th, Allahabad, **India**

ACTIVITIES IN INTERNATIONAL / NATIONAL CONFERENCES

1. Rahul Davis (2016), **Technical Committee Member** in 2016 8th International Conference on Mechanical & Electrical Technology (ICMET-2016), during Jul. 2nd – 4th 2016, Sun Moon Lake, **Taiwan**
2. Rahul Davis (2016), **Technical Committee Member** in 2016 7th International Conference on Mechanical, Research & Engineering (ICMRE-2016), organized by IACSIT, China under Springer, during Feb. 18th – 20th 2016, Nice, **France**
3. Rahul Davis (2016), **Technical Committee Member** in 2016 7th International Conference on Mechanical, Industrial & Manufacturing Technologies (MIMT-2016), during Feb. 1st – 3rd 2016, Cape Town, **South Africa**
4. Rahul Davis (2015), **Technical Committee Member** in 2015 6th International Conference on Mechatronics & Manufacturing (ICMM-2015), during Feb. 12th – 13th 2015, Busan, **South Korea**
5. Rahul Davis (2015), **Technical Committee Member** in The World Congress on Engineering (WCE 2015), during 2nd – 4th 2015, Imperial College, London, **U.K.**
6. Rahul Davis (2014), **Technical Committee Member** in 2014 International Conference on Advances in Materials, Mechanical and Industrial Engineering (MAE-2014), during Sept. 29th – 30th 2014, Phuket, **Thailand**

7. Rahul Davis (2014), *Technical Committee Member* in 2014 International Conference on Computer Science and Manufacturing Technologies (CSMT-2014), during Aug 2nd – 3rd 2014, Bali, **Indonesia**

8. Rahul Davis (2014), *Technical Committee Member* in 2014 Euro-Asia Conference on Computational Intelligence and Signal Processing (CISP-2014), during July 5th – 6th 2014, in London, **U.K.**

9. Rahul Davis (2014), *Technical Committee Member* in The 2014 International Conference of Manufacturing Engineering & Engineering Management (ICMEEM), The World Congress on Engineering (WCE 2014), during 2nd – 4th 2014, Imperial College, London, **U.K.**

10. Rahul Davis (2014), *Reviewer* in the Technical Committee of 2014 International Conference on Mechatronics Manufacturing and Automation (ICMMA 2014), at Quality Hotel, Feb. 19th – 20th 2014, **Singapore**

SPECIALIZATION AND MAJOR FIELDS OF INTEREST

1. **Production Engineering:** Mould making Practice, Casting, Forging

2. **Optimization of Industrial Products & Processes:** Application of various Optimization Techniques such as Factorial Methods, Taguchi method, Response Surface Method, Grey Relational Analysis, Regression Analysis

3. **Material Science:** Testing of Materials, Heat Treatment of Metals

4. **Manufacturing Science:** Metal Removing operations, Application and Designing of Machine tools, Metal Forming operations, Unconventional Machining operations

5. **Industrial Engineering:** Value Engineering, Planning & Control, Material Handling in Industries, Methods Engineering

PATENT

1. Vishesh Ranglani, Satish & Rahul Davis (2015), Patent titled “Tall - Jacker Wheeled Jack” filed with Patent Application no. 428/DEL/2015, with **published application** and **under Examination**, at Intellectual Property India, Govt. of India

PAPER PRESENTATIONS AT INTERNATIONAL / NATIONAL CONFERENCES

1. **Pretesh John & Rahul Davis (2015)**, *presented* research paper on the topic “**Performance Study of Electrical Discharge Machining (EDM) Process in Burr Removal of Drilled Holes in OHNS Steel**” in *2015 International Academic Conference on Development in Science and Technology (IACDST)*, at Hotel Flamingo by the lake, Kuala Lumpur, **Malaysia** on Nov. 28th, 2015

 - Paper was published in **IACDST 2016 Proceedings** with **ISBN No. 978-93-85832-56-7**
2. **Rahul Davis (2014)**, *presented* research paper on the topic “**An Experimental Analysis of Surface Roughness of EN9 Steel under the influence of Pressurized Steam Jet**” in *2nd International Conference on Advances in Mechanical & Robotics Engineering (AMRE 2014)*, at Hotel Novotel Airport Messe, Zurich, **Switzerland**, October. 25th – 26th 2014.
3. **Rahul Davis (2014)**, *presented* research paper on the topic “**Application of Taguchi Design of Experiment method in Optimization of Izod Impact Testing**” in *2014 International Conference on Mechatronics Manufacturing and Automation (ICMMA 2014)*, at Quality Hotel, Feb. 19th – 20th 2014, **Singapore**

 - Paper was published in **ICMMA 2014 Proceedings** with *Paper ID: A023*
4. **Rahul Davis (2013)**, *presented* research paper on the topic “**Optimization of Process Parameters of Turning Operation for EN 353 Steel**” in *International Conference on Recent Trends in Mechanical Engineering (ICRTME 2013)*, ITM University, November 16th 2013, Gurgaon, Haryana, **India**

 - Paper was published in **ICRTME 2013 Proceedings** with *ISBN No. 978-93-83723-02-7*
5. **Rahul Davis (2013)**, *presented* research paper on the topic “**A Parameter Design Study in Izod Impact Testing using Taguchi Method**” in *Asia Pacific International Congress on Engineering & Natural Sciences (APICENS -2013)*, The Landmark Bangkok Hotel, April 16th-18th 2013, Bangkok, **Thailand**

 - Paper was published in **APICENS 2013 Proceedings** with *Paper ID: 59*, pp: 214-223
6. **Rahul Davis (2012)**, *presented* research paper on the topic “**A Parametric Design Study of Surface Roughness in Wet Turning Operation of EN 24 Steel**”, in *International Conference on Advancements in Engineering & Technology (ICAET-2012)*, Bhai Gurdas Institute of Engineering & Technology (BGIET), October 12th-13th 2012, Sangrur, Punjab, **India**

 - Paper was published in **ICAET 2012 Proceedings**, pp: 114-116

7. **Rahul Davis (2012)**, presented research paper on the topic “**Application of Taguchi Method in Parametric Design Study of Izod Impact Testing**” in *National Conference on Chemistry- Role and Challenges*, Ewing Christian College, February 25th-26th 2012, Allahabad, **India**

RESEARCH PUBLICATIONS

1. **Rishav Jaiswal, Rahul Davis et al (2017) Fabrication of Grinding Attachment for 2-Super Lathe Machine**, *International Journal of Engineering Science & Computing (IJESC)*, Volume 7, Issue 6, pp: 12896-12901
2. **Ashish K. Patel, Rahul Davis et al (2017) Design of Grinding Attachment for 2-Super Lathe Machine**, *International Journal of Engineering Science & Computing (IJESC)*, Volume 7, Issue 6, pp: 12709-12717
3. **Harsh Hansda and Rahul Davis (2017), Experimental Investigation of Tool Wear Rate in Deburring of CP Titanium Grade-2 by Electrical Discharge Machining**, *International Journal of Engineering & Management Sciences (IJEMS)*, Volume 8, Issue 1, pp: 1-6
ISSN No. 2229-600X
4. **Pretesh John and Rahul Davis (2016), Performance Study of Electrical Discharge Machining process in Burr removal of Drilled holes in Al 7075**, *Journal of Production & Manufacturing- Cogent Engineering*, 3: 1270702, dx.doi.org/10.1080/23311916.2016.1270702, Vol 3, Issue 1, pp: 1-19
5. **Marshal Noel Paik, Rahul Davis et al (2016), Experimental Investigation of the Effect of Control Parameters of EDM using Regression Analysis**, *International Journal of Current Research (IJAME)*, Volume 3, Issue 4, pp: 10-16
ISSN No. 2393-8609
6. **Shri Krishan Mishra, Rahul Davis (2016), Optimization of Process Parameters in Wire Electric Discharge Machining process**, *International Journal of Research in Mechanical Engineering & Technology (IJRMET)*, Volume 6, Issue 2, pp: 140-143
ISSN No. 2249-5762
7. **Harsh Hansda and Rahul Davis (2016), Experimental Investigation of Control Variables in Drilling of Titanium Grade-2 using Taguchi Method**, *International Journal of Scientific & Engineering Research (IJSER)*, Volume 7, Issue 6, pp: 706-715
ISSN No. 2229-5518
8. **Marshal Noel Paik, Rahul Davis et al (2016), Experimental Investigation of the Effect of Control Parameters of EDM on Surface Roughness and Tool Wear Rate using Regression Analysis**, *International Journal of Current Research (IJCR)*, IASET, Volume 8, Issue 8, pp: 36961-36967, pp: 10-16
ISSN No. 0975-833X
9. **Shri Krishan Mishra, Rahul Davis (2016), Experimental Investigation in Machining**

**of CP Titanium Grade-2 by Wire EDM, *International Journal of Research in Mechanical Engineering & Technology (IJRMET)*, Volume 6, Issue 2, pp: 150-153
ISSN No. 2249-5762**

**10. M. Mustafaiz Ahmad, Rahul Davis et al (2016), A Parametric Experimental Design Study of EDM Process Parameters in Machining of Titanium Grade 2, *International Journal of Aerospace and Mechanical Engineering (IJAME)*, IASET, Volume 3, Issue 4, pp:20-23
ISSN No. 2393-8609**

11. M. Mustafaiz Ahmad, Rahul Davis et al (2016), Optimization of Process Parameters in Electric Discharge Machining Process, *International Journal of Mechanical Engineering (IJME)*, IASET, Volume 5, Issue 4, pp : 45-52, **Impact Factor : 3.2766
ISSN No. 2319-2259**

12. Mayank Bhengra, Rahul Davis et al (2016), A Parametric Experimental Design Study of Abrasive Water Jet Machining, *International Journal of Mechanical Engineering (IJME)*, IASET, Volume 5, Issue 4, pp : 1-8, **Impact Factor : 3.2766,
ISSN No. 2319-2259**

13. Pretesh John, Rahul Davis et al (2015), Performance Study of Electrical Discharge Machining (EDM) Process in Burr Removal of Drilled Holes in D2 Steel, *International Journal of Current Engineering & Technology (IJCET)*, Volume 5, Issue 6, pp : 2347 – 5161, **Impact Factor : 5.126**

14. Joy Ujjwal Khalkho, Rahul Davis et al (2015), An Experimental Analysis of Surface Roughness of EN9 Steel under the influence of Pressurized Steam Jet, *International Journal of Advancements in Mechanical and Aeronautical Engineering (IJAMAE)*, Volume 2, Issue 1, pp : 91 – 95

15. Saurabh Pratap Singh, Rahul Davis et al (2014), A Study of the Effects of Machining Parameters on Surface Roughness using Response Surface Method on EN 11 Alloy Steel in The End-Milling Process, *International Journal of Mechanical Engineering & Technology (IJMET)*, Volume 5, Issue 11, pp : 47 – 58, **Impact Factor : 7.5377
ISSN No. 0976-6359**

16. Vishesh Ranglani, Rahul Davis et al (2014), Design and Modification in the existing model of Bottle Jack QYLS5, *International Journal of Current Engineering & Technology (IJCET)*, Vol. 4, No.6, pp:4114-4116, **Impact Factor : 2.552**

17. Amit Vishal, Rahul Davis (2014), Effect of Thermal Treatments on the Performance of H13 Tool Steel , *International Journal of Application or Innovation in Engineering & Management (IJAIEM)*, Volume 3, Issue 6, **Impact Factor : 3.115**

18. Rohit Pandey, Rahul Davis (2014), Application of Response Surface Method in Optimization of Impact Toughness of EN 24Steel, *International Journal of Engineering Research and General Science*, Volume 2, Issue 4, pp: 487-498, **Impact Factor : 3.843, ICV Value: 3.72**

19. Sanjeev Kumar Pal, Rahul Davis (2014), A Design of Experiment Approach to Compare the Machining Performance of CNC End Milling, *IPASJ International Journal of Mechanical Engineering (IJME)*, Volume 2, Issue 7, Impact Factor : 1.351

20. Ankur Anand, Rahul Davis (2014), Experimental Investigation of the Effect of Thermal Treatments on Mechanical behavior of D2 Tool Steel, *International Journal of Engineering Innovation & Research*, Volume 3, Issue 4, Impact Factor : 3.121, UIF: 1.1094

21. Md. Shadab, Rahul Davis (2014), Application of Grey Based Design of Experiment Technique in Optimization of Charpy Impact Testing, *International Journal of Engineering Research and General Science*, Volume 2, Issue 4, pp: 408-421, Impact Factor : 3.843, ICV Value: 3.72

22. Gaurav Kumar, Rahul Davis (2014), A Comparative Analysis of Surface Roughness and Material Removal Rate in Milling Operation of AISI 410 Steel and Aluminum 6061, *International Journal of Engineering Research & Applications (IJERA)*, Vol. 4, Issue 6, pp:89-93, Impact Factor : 1.69

23. Vishesh Ranglani, Rahul Davis et al (2014), Design and Modification in the Existing Model of Trolley Jack 20261, *International Journal of Current Engineering & Technology (IJCET)*, Vol. 4, No.3, pp:1661-1663, Impact Factor : 2.552

24. Joy Ujjwal Khalko, Rahul Davis et al (2014), Application of Grey Relational Analysis in Grinding Operation of EN 9 Steel under the Effect of Pressurized Steam Jet, *International Journal of Material Sciences and Manufacturing Engineering (IJMSME)*, Vol. 41, Issue 1, pp: 1145-1150, Impact Factor : 2.545

25. Daniel Martin Sandhi, Rahul Davis et al (2014), A Comparative Study of the effects of Thermal Treatments on the Mechanical behavior of Tool Steels, *International Journal of Current Engineering & Technology (IJCET)*, Vol. 4, No.3, pp: 1643-1648 Impact Factor : 2.552

26. Abhishek Dubey, Rahul Davis et al (2014), A Parametric Design Study of End Milling Operation using Grey Based Taguchi Method, *International Journal of Emerging Technology and Advanced Engineering (IJETA)*, Vol. 4, Issue 4, pp: 1140-1146, Impact Factor : 1.932

27. Khangamlung Kamei, Rahul Davis et al (2014), An Experimental Study of the Effect of Thermal Treatments and Charpy Impact Test Parameters on Impact Toughness of EN 31 Steel, *IOSR Journal of Mechanical and Civil Engineering (JMCE)*, Vol. 11, Issue 3, Ver I, pp: 17-22, Impact Factor : 1.485

28. Rahul Davis (2014), Application of Taguchi Design of Experiment method in Optimization of Izod Impact Testing, *Applied Mechanics and Materials*, Volume 541-542, Trans Tech Publications, Switzerland, pp : 663-668

29. Joseph Emmanuel and Rahul Davis (2013), An Experimental Study and Analysis of

Surface Roughness in Wet Turning Operation of EN 353 Steel, *International Journal of Current Engineering & Technology (IJCET)*, Volume 3, Issue 3, pp : 1109-1113, Impact Factor : 2.552, ISSN No. 2277-4106

30. Rahul Davis, Vivek John, Vivek Kumar Lomga, Raja Paul Horo (2013), The Application of Taguchi's Optimization Method in Wet Turning Operation of EN 19 Steel, *International Journal of Mechanical & Production Engineering Research & Development (IJMPERD)*, - Volume 3, Issue 2, Impact Factor : 5.2189

**31. Vivek John, Rahul Davis, Kulan Abel Kandulna and Asian Abhishek Kandulna (2013), The Prediction of Surface Roughness in Finish Turning of EN-19 Steel, *International Journal of Mechanical Engineering & Technology (IJMET)* -Volume 4, Issue 3, pp : 392-399, Impact Factor : 5.7731
ISSN No. 0976-6359**

32. Rahul Davis, Joseph Emmanuel, Md. Imroz Alam, Akash Sunny (2013), Taguchi Method and ANOVA : An Approach for Process Parameters Optimization of Wet Turning Operation While Turning EN 353 Steel, *International Journal of Advanced Research in Engineering & Technology (IJARET)*, Volume 4, Issue 4, pp : 1- 7, Impact Factor : 5.8376

33. Joseph Emmanuel and Rahul Davis (2013), An Experimental Study of the Effect of Control Parameters on the Surface Roughness in Turning Operation of EN 353 Steel, *IOSR Journal of Mechanical and Civil Engineering (JMCE)*, Volume 8, Issue 4, pp : 33-38, ISSN No. 2278-1684

34. Rahul Davis, Mohamed Alazhari, Abdurahman HA Zubir (2013), Optimization of Surface Roughness in Wet Turning Operation of High Carbon High Chromium Steel, *International Review of Mechanical Engineering (IREME)*, Volume 7, N 3, pp : 495-498, Impact Factor : 6.46, ISSN No. 1970-8742

35. Rahul Davis, Mohamed Alazhari, Abdurahman HA Zubir (2013), The Application of Taguchi Method in Optimization of Tool Life in Turning Operation of High Carbon High Chromium Steel, *International Journal of Mechanical Engineering (IJME)*, Volume 41, Issue 1, pp : 1142-1145, Impact Factor : 3.221, ISSN No. 2051-3232

36. Rahul Davis, Jitendra Singh Madhukar, Vikash Singh Rana, Prince Singh (2012), Optimization of Cutting Parameters in Dry Turning Operation of EN 24 Steel, *International Journal of Emerging Technology and Advanced Engineering*, Volume 2, Issue 10, pp : 559-563, ISSN No. 2250-2459

37. Rahul Davis and Mohamed Alazhari (2012), Analysis and Optimization of Surface Roughness in Dry Turning Operation of Mild Steel, *International Journal of Industrial Engineering Research and Development (IJIIRD)*, Volume 3, Issue 2, pp : 1 – 9, Impact Factor : 2.3810, ISSN No. 2249-8001

38. Rahul Davis and Jitendra Singh Madhukar (2012), A Parametric Analysis And Optimization of Tool Life in Dry Turning of EN 24 Steel Using Taguchi Method, *International Journal of Production Technology and Management (IJPTM)*, Volume 3,

Issue 1, pp : 9 -15, Impact Factor : 1.591, ISSN No. 0976-6391
39. Rahul Davis and Mohamed Alazhari (2012), Optimization of Cutting Parameters in Dry Turning Operation of Mild Steel, <i>International Journal of Advanced Research in Engineering & Technology (IJARET)</i>, Volume 3, Issue 2, pp : 104 – 110, Impact Factor : 2.7078, ISSN No. 0976-6499
40. Rahul Davis (2012), Optimization of Surface Roughness in Wet Turning Operation of EN 24 Steel, <i>International Journal of Mechanical and Production Engineering Research and Development (IJMPERD)</i>, Vol.2, Issue 3, pp : 28-35, Impact Factor : 3.251, ISSN No. 2449-8001
41. Rahul Davis (2012), A Parametric Design Study of Surface Roughness in Dry Turning Operation of EN 24 Steel, <i>International Journal of Mechanical Engineering & Technology (IJMET)</i>, Volume 3, Issue 2, pp : 410 – 415, Impact Factor : 3.807 ISSN No. 0976-6359

EXTRA CURRICULAR ACTIVITIES

Extra Curricular	<p>Involved in Christian Ministry</p> <ul style="list-style-type: none"> • As a Bible Teacher in Churches, Christian Conferences, Youth Retreats • As a Worship Leader in Churches and in various Christian Conferences, Conventions
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OTHER INFORMATIONS

Gender:	Male
Nationality:	Indian
Languages Known	English, Hindi
Contact Address	Department of Mechanical Engineering Shepherd School of Engineering & Technology Sam Higginbottom Institute of Agriculture, Technology & Sciences -Deemed-to-be-University, Allahabad (U.P.) -211007, India