

**CV**  
**Dr Anoop Kumar Sahu**  
**(Post Doctoral from University of Johannesburg, South Africa)**

Address:  
Assistant Professor  
Department of Mechanical Engg,  
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Academic achievement:

Google scholar report:

Citation indices	All	Since 2012
Citations	390	388
h-index	13	13
i10-index	16	16

**Google Scholar to link:**

<https://scholar.google.co.in/citations?user=KguRHbAAAAAJ&hl=en>

**Academic Performance Indictor = 423**

**RESEARCH GATE SCORE IS: 10.62**

[https://www.researchgate.net/profile/Dr\\_Anoop\\_Sahu](https://www.researchgate.net/profile/Dr_Anoop_Sahu)

**Academic Qualifications:**

Degree	Examination Passed	Year of Passing	Institute	Board/ University	Specializations
U.G	B.Engg.	2010	Institute of Technology	Guru Ghasidas (Central) University, Bilaspur	Industrial and Production Engg
P.G	M. Tech.	2012	National Institute of Foundry and Forge Technology	Ranchi University, Hatia	Manufacturing Engg
Doctoral	Ph.D	2015	National Institute. Technology, Rourkela	Deemed University	Mechanical Engg
Post Doctoral Fellow	Degree Grade NH001		University of Johannesburg, South Africa	Government University of SA	Post Graduate School of Engg

• **Teaching modules:**

- Industrial Engg
- Quality control Engg
- Non conventional Engg Resources
- Production Technology
- Product Design Engg
- Safety & Reliability Engineering
- Production Engineering
- Advanced Manufacturing Engineering
- Environmental Engg
- Production Planning Control
- Casting and Foundry & Forge Technology

• **Commands:**

Industry 4.0

Fuzzy Logic,

Grey Number Applications and Rough Set Theory

Minitab Software (Taguchi)

MCDM (Multi Criterion Decision Making) Multi Level Hierarchical Model

MCDM Several Research Methods

ANN (Artificial Neural Network)

DSS (Decision Support System)

AN-FIS

- **Guest Editor** (Scopus Index Journal) from 2018 Dec-Feb 2019

Guest editor of International Journal of Social Ecology and Sustainable Development (IJSESD) under special issue on ‘Advanced multi criteria decision making approaches application towards sustainable development of industry 4.0 sectors;’, IGI, Global, USA, (Scopus Index).

- **Editorial Review Board Member** (Scopus Index Journal)

International Journal of Fuzzy System Applications (IJFSA), IGI, GLOBAL, USA, (Scopus Index)

- **Advisory Board Member:**

International Journal of Innovative and Applied Research (IJIAR), (Open access)

- **Ad-Hoc Reviewer** (SCI/Scopus/Web of Science Index Journals publishers)

Taylor and Francis, Elsevier, IGI global Emerald, Inderscience, Springer etc as invited for review the research manuscripts

- **Editorial Review Members:**

- International Journal of Engineering Research (IJER), ISSN 2319-6890.

- International Journal of Multidisciplinary Research and Modern Education (IJMRME), ISSN 2454-6119.

- **International workshop Committee Programme member:**

- The Program Committee of 1st International Workshop on Informatics & Data-Driven Medicine (IDDM -2018), Lviv, **Ukraine**, November 28 - 30, 2018.

- **International workshop programme reviewer committee member:**

- The Program Committee of 1st International Workshop on Informatics & Data-Driven Medicine (IDDM -2018), Lviv, **Ukraine**, November 28 - 30, 2018.

**Academic Experience**

- One year Post Doctoral Fellowship from Sep 2017 to Sep 2018, Post graduate school of Engg, University of Johannesburg, SA.

- Two year teaching experience as an Assistant Professor, J.K. Institute of. Engg, Bilaspur, Chhattisgarh, India 2015-2017

### Professional Memberships:

- Member of IAENG (International Association of Engineers) Member Number: 130681, Hong Kong.
- International Association of Computer Science and Information Technology (IACSIT) Membership Number: 80349769.

### Workshops Attended:

- Attended three days short term training programme on 'Design of Experiments: An optimization Tool' from 27-29 Dec 2013 organized by Department of Mechanical Engg, National Institute of Technology, N.I.T., Rourkela
- Attended three days short term course on 'Multi Objective Optimization Methods and Applications in Manufacturing' from 6-8 June 2014 organized by Department of Mechanical Engg, National Institute of Technology, N.I.T., Rourkela.
- Attended four days short term training programme on 'Design of Experiments: An optimization Tool' from 22-25 Dec 2014, organized by Department of Mechanical Engg, National Institute of Technology, N.I.T., Rourkela.

### Chapters Published in Book: (Scopus Index)

- [1] **Sahu A. K.**, Sahu, A. K., and Sahu, N. K. (2017) 'Performance estimation of G-L-A supply chain of individual firm under imperfect data' for book, *Theoretical and Practical Advancements for Fuzzy System Integration*, IGI Global Publisher, USA, pp. 245-277 **Scopus Index**
- [2] **Sahu A. K.**, Sahu, A. K., and Sahu, N. K. (2017) 'Appraise the economic values of logistic handling system under mixed information' for book, *Theoretical and Practical Advancements for Fuzzy System Integration*, IGI Global Publisher, USA, pp. 278-308 **Scopus Index**.
- [3] Sahu A. K., **Sahu, N. K.**, and Sahu, A. K. (2017) 'Fuzziness-A Mathematical Tool," for book' *Theoretical and Practical Advancements for Fuzzy System Integration*, IGI Global Publisher, USA, pp.1-30 **Scopus Index**.
- [4] **Sahu A. K.**, Sahu, A. K., and Sahu, N. K. (2017) 'Benchmarking of advanced manufacturing machines using fuzzy-TOPSIS' for book, *Theoretical and Practical Advancements for Fuzzy System Integration*, IGI Global Publisher, USA, 309-350 **Scopus Index**
- [5] Sahu N. K., Sahu, A. K., and **Sahu, A. K.** (2017) 'Fuzzy-AHP: A boon in 3PL decision making process' for book, *Theoretical and Practical Advancements for Fuzzy System Integration*, IGI Global Publisher, USA, pp.97-125 **Scopus Index**.
- [6] A. K. Kumar, N.K., Sahu and **A.K. Sahu** (2019) 'Agile Supplier Assessment Using Generalized Interval-Valued Trapezoidal Fuzzy Numbers, pages 67-97 (Published).

- **International Journals (Web of Science: Thomson Reuters-SCI/SSCI/SCIE/ESCI/ABDC Management Journals)**

- [1] **Sahu A. K., Sahu, N. K., and Sahu, A. K (2017)** ‘Appraisements of material handling system in context of fiscal and environment extent: A comparative grey statistical analysis, **International Journal of Logistic Management, Emerald Publisher, Vol. 28, No. 1, pp.-1-30,U.K, Thomson Routers (IF 2016: 1.79) Thomson Routers, Social Science Citation Index-(A category in ABDC Journal).**
- [2] Sahu A.K., Narag, H.K., M.S., Rajput, Sahu, N.K. and **Sahu, A. K. (2018)** ‘T-SAW methodology for parametric evaluation of surface integrity aspects in AlMg3 (AA5754) alloy: comparison with T-TOPSIS methodology Measurement, **Measurement Elsevier Published, (IF 2018: 2.41), Science Citation Index.**
- [3] **Sahu A. K., Sahu, A. K., and Sahu, N. K. (2018)** ‘ Knowledge based decision support system for appraisalment of sustainable partner under fuzzy cum non-fuzzy information’, **Kybernetes, Emerald, Thomson Routers, Vol. 47 Issue: 6, pp.1090-1121, (IF: 1.07), Thomson Routers, Science Citation Index.**
- [4] **Sahu A. K., Sahu, N. K., and Sahu, A. K. (2018)** ‘Grey based scorecard model for opting fruit supply bazaar locality under advanced chain of macro-micro parameters’ **British Food Journal, Emerald Publisher, Vol. 120 Issue: 1, pp.59-79, Thomson Routers (IF 2016: 1.68), Thomson Routers- Social Science Citation Index.**
- [5] Sahu, N. K. Sahu, A. K., and **Sahu A. K. (2018)** ‘ Cluster Approach Integrating Weighted Geometric Aggregation Operator to Appraise Industrial Robot: Knowledge Based Decision Support System’’, **Kybernetic, Emerald, Vol. 47 Issue: 3, pp.487-524, Thomson Routers, (IF: 1.07)- Thomson Routers- Science Citation Index.**
- [6] Gupta, A.K., Kumar, P, Sahoo, S.K., **Sahu, A.K.** and Sarangi, S.K. (2017) Performance measurement of plate fin heat exchanger by exploration: ann, anfis, GA, and SA’ **Journal of Computational Design and Engineering, ELSEVIER, SCIENCE DIRECT, Web of Science-Thomson Routers.**
- [7] Safico, arnesh, **A.K., Sahu (2018)** ‘Energy-water and GHG nexus: A South African water industry case, **Water Practice & Technology, Vol 13, No 3, South Africa, Web of Science-Thomson Routers.**
- [8] Sahu A. K., Harit, K.N., Rajput, M.K., Sahu, N. K. and **Sahu, A. K. (2018)** Performance modeling and benchmarking of green supply chain management: An integrated fuzzy approach (published) **Thomson Routers (IF 2016: 1.37), (B category in ABDC Journal). Web of Science-Thomson Routers.**
- [9] Sahu, N. K., **Sahu A. K.,** and Sahu, A. K (2017) ‘Optimization of weld bead geometry of ms plate (Grade: IS 2062) in context of welding: A comparative analysis of GRA and PCA-taguchi approach’, **Sadhana Academy Proceeding in Engg Science, Volume 42, Issue 2, pp 231–244, SPRINGER, Publisher, Thomson Routers (IF 2016: 0.59)- Science Citation Index Expanded.**
- [10] **Sahu A. K., Datta, S. and Mahapatra, S.S (2016)** ‘Evaluation and selection of resilient suppliers in fuzzy environment: exploration of fuzzy-VIKOR’, **International Journal: Benchmarking, EMERALD publisher, Vol. 23, No. 3, pp.651-673., UK Thomson Routers (IF 2016: 1.37), (B category in ABDC Journal) Web of Science-Thomson Routers.**

- [11] **Sahu A. K.**, Datta, S. and Mahapatra, S.S (2016) ‘Evaluation and selection of suppliers considering green perspectives: comparative analysis on application of FMLMCDM and Fuzzy-TOPSIS’, Benchmarking: An International Journal, *EMERALD publisher*, Vol. 23 No. 6, 2016, pp. 1579-1604, UK **Thomson Routers (IF 2016: 1.37)**, (*B category in ABDC Journal*) *Web of Science-Thomson Routers*.
- [12] **Sahu A. K.**, Sahu, N. K., and Sahu, A. K. (2016)‘ Application of Integrated TOPSIS in ASC index: Partners Benchmarking perspective’, International Journal: Benchmarking, *EMERALD publisher*, Vol. 23, No. 3, pp.540-563, UK **Thomson Routers (IF 2016: 1.37)**, (*B category in ABDC Journal*) *Web of Science-Thomson Routers*.
- [13] **Sahu A. K.**, Datta, S. and Mahapatra, S.S (2017) ‘Evaluation of performance index in resilient supply chain: a fuzzy based approach, International Journal: Benchmarking, *Emerald publisher*, Vol. 24, No. 1.pp.1-25, **Thomson Routers (IF 2016: 1.37)**, (*B category in ABDC Journal*) *Web of Science-Thomson Routers*.
- [14] **A. Kumar, Sahu, N.K.**, Sahu and A.K. Sahu, A review on the research growth of industry 4.0 IIoT Business Architectures Benchmarking: IIoT Business Architectures Benchmarking, *IJBAN Special Issue Submission: Smart Supply Chain Network Design to Empower Industry 4.0*, *Web Of Science-Thomson Router* (Revision submitted)
- [15] **Sahu A. K.**, Sahu, N. K., and Sahu, A. K. (2016) ‘Appraisal of Partner Enterprises under GTFNS Environment in Agile SC’, International Journal of Decision Support System Technology, *IGI Global Publisher, USA, Vol.8, No.3, pp. 1-19*, *Web of Science-Thomson Routers*
- [16] Sahu A.K., Narag, H.K., **Sahu, A. K.** and Sahu, N.K. (2016) ‘Machine Economic Life Estimation Based on Depreciation-Replacement Model’ *Cogent Engg, TAYLOR and FRANCIS, Vol.3, No. 1. Web of Science-Thomson Routers*.
- [17] **Sahu A. K.**, Datta, S. and Mahapatra, S.S (2014), ‘Supply chain performance benchmarking using grey-MOORA approach: An empirical research’’, *International Journal of Grey Systems: Theory and Application (IJGSTA)*, Emerald Publisher, Vol. 4, No. 1, pp.24-55, UK. *Web of Science-Thomson Routers*.
- [18] **Sahu A. K.**, Sahu, N. K., and Sahu, A. (2014), Appraisal of CNC machine tool by integrated multi MOORA-IGVN circumstances: an empirical study’’ International Journal of Grey Systems: Theory and Application (IJGSTA), Emerald Publisher, Vol. 4, No.1., UK, *Web of Science-Thomson Routers*.
- [19] Sahu, N. K., Sahu A. K., and **Sahu, A. K** (2015) ‘Appraisalment and benchmarking of third party logistic service provider by exploration of risk based approach’, *Cogent Business and Management*, Vol. 2, pp. 1-21, **Taylor And Francis** *Web of Science-Thomson Routers*.
- [20] Sahu, N. K., Sahu A. K., and **Sahu, A. K** (2015) ‘ (2018) "Green supply chain management assessment under chains of uncertain indices: An intellectual approach", **Journal of Modeling in Management, Emerald**, Vol. 13 Issue: 4, pp.973-993, <https://doi.org/10.1108/JM2-07-2017-0068> Thomson Routers (IF 2016: 1.37), (C category in ABDC Journal), *Web of Science-Thomson Routers*.
- [21] **Sahu A. K.**, Sahu, N. K., and Sahu, A. K. k.H., Narang, Singh, M. **An investigation tool for mounting sustainable practice- Modeling based on Indian context using GIVTFNs**, *IJDSST*, Special Issue Submission: Recent Trends in

Intelligent Decision-Making Approaches for Sustainability Modeling, *Web of Science-Thomson Routers*.

- [22] **Sahu A. K.**, Sahu, N. K., and Sahu, A. K. k.H., Narang, Singh, Shopper Segmentation Using Multivariate Risk Analysis For Innovate Marketing Strategies, IJDSST: Volume 0, Issue 0, Article 0, Special Issue Submission: Recent Trends in Intelligent Decision-Making Approaches for Sustainability Modeling, **IGI , Global, Web of Science-Thomson Routers**.

• **International Journals: Elsevier; www.scopus.com; (Scopus Index), ABDC Journal**

- [23] Sahu A. K., Sahu, N. K., and **Sahu, A. K (2018)** Sustainability Appraisalment of industrial robots by GRA for real automation environment, *International Journal of Social Ecology and Sustainable Development*, **Vol. 10, No.3 Scopus index**
- [24] Sahu K and **Sahu, A. K (2018)** Performance Measurement of Medicines Delivery of Pharmaceutical Companies under Chain of Sustainable Procurement, *International Journal of Social Ecology and Sustainable Development*, Vol. 10, No.3 Scopus.
- [25] **Sahu A. K.**, Datta, S. and Mahapatra, S.S (2013), ‘Green supply chain performance benchmarking using integrated IVFN-TOPSIS methodology: An empirical research’, *International Journal of Process Management and Benchmarking (IJPMB)*, INDERSCIENCE Publishers, Switzerland, **Scopus index (C category in ABDC Journal)**.
- [26] Sahu K, Seema, .K. and **Sahu, A. K (2018)** Evaluation of Anti-Cancer Oncology Medicines Pharmaceutical Companies under Chain of Sustainable Procurement, *IJSESD*, Volume 10, Issue 3, **Scopus index**
- [27] **Sahu A. K.**, Datta, S. and Mahapatra, S.S (2014), ‘Use of IVFNs and MULTI-MOORA method for supply chain performance measurement, benchmarking and decision making: An empirical study’, *International Journal of Business Excellence (IJBEX)*, INDERSCIENCE Publishers, Vol. 7, No. 2, pp. 237-280, Switzerland **Scopus index, (C category in ABDC Journal)**.
- [28] **Sahu A. K.**, Datta, S. and Mahapatra, S.S (2015) ‘GDMP for cnc machine tool selection with a compromise ranking method using generalized fuzzy circumstances”, *International Journal of Computer Aided Engineering and Technology (IJCAT)*, INDERSCIENCE Publishers, Vol. 7, No. 1, pp.92–108, Switzerland **Scopus index**
- [29] Mishra, S., **Sahu A. K.**, Datta, S. and Mahapatra, S.S (2015) “Application of fuzzy integrated MULTI-MOORA method towards supplier/partner selection in agile supply chain”, *International Journal of operational Research*, INDERSCIENCE Publishers, Switzerland **Scopus index, (C category in ABDC Journal)**.
- [30] **Sahu A. K.**, Sahu, N. K., and Sahu, A. K. (2015) ‘Benchmarking CNC machine tool using hybrid fuzzy methodology a multi indices decision making approach’, *International Journal of Fuzzy System Applications*, *IGI Global Publisher*, Vol. 4, No. 2, pp. 32-50, USA **Scopus index**.
- [31] **Sahu A. K.**, Datta, S. and Mahapatra, S.S. (2015) ‘Green supply chain performance appraisalment and benchmarking using fuzzy grey relational method’, *International Journal of Business Information Systems*, INDERSCIENCE



Publishers, Vol. 20, No. 2, pp.157-194, Switzerland **Scopus index**, (*C category in ABDC Journal*).

- [32] **Sahu A. K.**, Datta, S., Kumar, S. and Mahapatra, S.S. (2015) ‘Supply chain flexibility assessment and decision making by intelligence approach’, *International Journal of Business Excellence (IJBEX)*, Vol. 8, No. 6, pp.675-699, INDERSCIENCE Publishers Switzerland **Scopus index**, (*C category in ABDC Journal*).
- [33] **Sahu A. K.**, Sahu, N. K., and Sahu, A. K. (2016) ‘Application of modified MULTIMOORA for cnc machine tool evaluation in IVGTFNS environment: An empirical study’ *International Journal of Computer Aided Engineering and Technology*, Inderscience Publishers, Vol.8, No. 3, Switzerland **Scopus index**.
- [34] **Ravi, K. Seema, N, Sahu A. K.**, Narang, Singh, Spectrophotometric determination of zinc in food waste water sample in presence of surfactant using dithizone method, *IJSESD*, Special Issue Submission: Renewable Energies Technology and Applications, **Scopus Index**.

● **International/ National Conference/Seminars Paper Presented**

- [35] Mbohwa, C. and **A.K., Sahu. (2018)** ‘Performance assessment of companies under IIoT architectures: Application of grey relational analysis technique’, Proceedings of the International Conference on Inventive Research in Computing Applications (ICIRCA 2018) **IEEE Xplore** Compliant Part Number: CFP18N67-ART; ISBN:978-1-5386-2456-2, organized by 11th -12th July, RVS College of Engg, Coimbatore, India.
- [36] Mbohwa, C. and **A.K., Sahu. (2018)** ‘Identification of green logistic barriers by exploration of fuzzy degree of similarity technique: A scenario analysis’, Proceedings of the International Conference on Inventive Research in Computing Applications (ICIRCA 2018) **IEEE Xplore** Compliant Part Number: CFP18N67-ART; ISBN:978-1-5386-2456-2, organized by 11th -12th July, RVS College of Engg, Coimbatore, India.
- [37] Mbohwa, C. and **A.K., Sahu. (2018)** ‘MOORA optimization technique application for analyzing alternatives, IEEE conference on inventive research in computing applications’, Proceedings of the International Conference on Inventive Research in Computing Applications (ICIRCA 2018) **IEEE Xplore** Compliant Part Number:CFP18N67-ART; ISBN: 978-1-5386-2456-2, organized by 11th -12th July, RVS College of Engg, Coimbatore, India.
- [38] Mbohwa, C. and **A.K., Sahu. (2018)** ‘Sustainability appraisalment: An empirical grey set optimization technique’, IEEE conference on inventive research in computing applications, Proceedings of the International Conference on Inventive Research in Computing Applications (ICIRCA 2018) **IEEE Xplore** Compliant Part Number:CFP18N67-ART; ISBN: 978-1-5386-2456-2, organized by 11th -12th July, RVS College of Engg, Coimbatore, India.
- [39] **Sahu, A. K.**, Datta, S. and Mahapatra, S.S. (2013) ‘Decision-making in supply chain performance management using fuzzy based MULTI-MOORA approach’, *International Conference on Computational Intelligence and Advanced Manufacturing Research (ICCIAMR)*, Vol. 1, ISBN-978-81-924031-7-5, organized

by Department of Mechanical Engineering on 5th–6th April at VELS University, Chennai.

- [40] Mishra, S., **Sahu A. K.**, Datta, S. and Mahapatra, S.S. (2013) ‘Supplier selection in agile supply chain using fuzzy based MULTI-MOORA approach’, *International Conference on Computational Intelligence and Advanced Manufacturing, Research (ICCIAMR)*, Vol. 1, ISBN-978-81-924031-7-5, organized by Department of Mechanical Engineering on 5th–6th April at VELS University, Chennai.
- [41] **Sahu A. K.**, Datta, S. and Mahapatra, S.S. (2013) ‘Supply chain performance measurement, appraisal by grey MULTI-MOORA: An empirical study’, *International Conference on Industrial Engineering & Management, National Institute of Technology (NIT)*, (20-22 November), Surat.
- [42] **Sahu A. K.**, Datta, S. and Mahapatra, S.S. (2013) ‘GDMP for cnc machine tool selection with a compromise ranking method using generalized fuzzy circumstances’, *International Conference on Advanced Materials and Manufacturing (ICAMM) organized by Department Of Mechanical Engineering* on 11th -12th April at Cape Institute of Technology, Tirunelveli, Kanyakumari.
- [43] **Sahu A. K.**, Datta, S. and Mahapatra, S.S. (2013) ‘CNC machine tool selection using fuzzy topsis: a multi criteria decision making (mcdm) approach’, *World Congress on ‘Frontiers of Mechanical, Aeronautical and Automobile Engineering (WCFMAAE-2013)*, organized by “Krishi Sanskriti” on 2nd-3rd February at Indian Institute of Technology, Delhi.
- [44] **Sahu A. K.**, Sahu, N. K., and Sahu, A. K., (2014), ‘Application of modified hybrid method in ivfns circumference: An empirical research’, *International Conference on Advances in Engineering Research and Applications (ICAERA-2014) organized by oriental College of Technology*, 25th-26th March, Bhopal.
- [45] **Sahu A. K.**, Sahu, B, Sahu, N. K., and Sahu, A. K., (2014) ‘Benchmarking of robot using fuzzy-MCDM approach: An empirical study’, *International Conference on Mechanical Engineering, Automation and Intelligent Computing (ICMEAIC-2014) organized by Corporate Institute of Science & Technology*, 27-28 June, Sponsored by AICTE, Bhopal.
- [46] **Sahu A. K.**, Sahu, A. K., and Sahu, N. K. (2014) ‘Role of grey number in mcdm: cnc machine tool evaluation perspective’, *National Conference on Research and Innovations in Mechanical Engineering (RIME-2014) organized by Department of Mechanical Engineering, Technocrats Institute of Technology & Science and T.I.T., College, Bhopal*. 5-6, March, Bhopal.
- [47] Sahu A. K., Sahu, N. K., and Sahu, B. and **Sahu, A. K.** (2015) ‘Replacement of machines & equipments before failure should be preferable: A study’, *National Conference on Knowledge innovation in Technology and Engg, NCKITE Held on 10th -11th Raipur, Chhattisgarh, India*.
- [48] Sahu A. K., Sahu, N. K., and Sahu, B. and **Sahu, A. K.** (2015) ‘Determining flow of arrivals in decision making by the application of queuing theory’, *National Conference on Knowledge innovation in Technology and Engg, NCKITE Held on 10th -11th Raipur, Chhattisgarh, India*.
- [49] Thakur, S.S., Sikarwar, R.S, **Sahu, A.K.** (2016) ‘Evaluation of effectual input parameters and mooas in the context of electrical discharge machining for tool steel’, *International Conference on Technological Drift in Mechanical &*



Automobile Engineering' on 19th & 20th February, DR. K.N Modi University, Rajasthan, India.

- [50] **Sahu A.**, Sahu, N. K., and Sahu, A. K., (2014) 'Application of RPA methodology for GSC industries benchmarking perspective', *International Conference on Advances in Engineering Research and Applications (ICAERA-2014)* organized by Oriental College of Technology, 25th -26th March, Bhopal.

• **National and international Conference/Seminars Participated**

- [51] **Sahu A. K.**, Sahu, N. K., and Sahu, A. K. (2014) 'Green Supplier Selection by GNs for Green Manufacturing Industry', 2nd National Conference on Recent Advancements in Science and Technology for Sustainable Development of Rural Areas in Chhattisgarh", Organized by Parthivi College of Engineering and Management, 7th-8th March, Sponsored by Chhattisgarh Council of Science and Technology (CGCOST), Bhilai.
- [52] Kumar, P., Gupta, A. K., and **Sahu, A. K.**, (2014) 'Application of condenser: Heat recovery perspective', *International Conference on Mechanical Engineering, Automation and Intelligent Computing (ICMEAIC-2014)* organized by Corporate Institute of Science & Technology, 27-28 June, Sponsored by AICTE, Bhopal
- [53] Gupta, A. K., Kumar, P., and **Sahu, A. K.**, (2014) "Waste heat recovery sources: Industrial perspective", International Conference on Mechanical Engineering, Automation and Intelligent Computing (ICMEAIC-2014) organized by Corporate Institute of Science & Technology, 27-28 June, Sponsored by AICTE, Bhopal.
- [54] **Sahu A. K.**, Sahu, N. K., and Sahu, A. K. (2014) 'Appraisal of Green Manufacturing Initiatives in Manufacturing Industry', *2nd National Conference on Recent Advancements in Science and Technology for Sustainable Development of Rural Areas in Chhattisgarh*", Organized by Parthivi College of Engineering and Management, 7th-8th March, sponsored by Chhattisgarh Council of Science and Technology (CGCOST), Bhilai.
- [55] **Sahu A. K.**, Sahu, N. K., and Sahu, A. K. (2014) 'Decision Support System: Resilience Monitoring Perspective: An Empirical Research', *National Conference on Research and Innovations in Mechanical Engineering (RIME-2014)* Department of Mechanical Engineering, Technocrats Institute of Technology & Science and T.I.T., College, Bhopal. 5-6, March, Bhopal.