

PERSONAL
INFORMATION

Dr. Eng. Zdzisław PÓLKOWSKI

NATIONALITY: **Polish**

COUNTRY: Poland, European Union

LANGUAGE: **Polish, English, German, Russian**

SEX: Male

CONTACT DATA

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RESEARCHER ID **ABG-1682-2020**, <https://publons.com/researcher/4077848/zdzislaw-polkowski/>ORCID NUMBER: **0000-0002-0223-3057**, <https://orcid.org/0000-0002-0223-3057>SCOPUS NUMBER: **55928926600**, <https://www.scopus.com/authid/detail.uri?authorId=55928926600>GOOGLE SCHOLAR **Zdzislaw Polkowski**, <https://scholar.google.com/citations?user=jrC1HS4AAAAJ&hl=pl&oi=ao>DBLP <https://dblp.org/pid/186/7437.html>RESEARCHGATE **Zdzislaw Polkowski**, <https://www.researchgate.net/profile/Zdzislaw-Polkowski>CITATIONS OF THE
RESEARCH WORKTotal citations as per **ResearchGate: 355+**Total citations as per **SCOPUS: 150+**

- h-index: **8**

Total citations as per **Google Scholar: 946+**

- h-index: **15**
- i10-index: **27**

Education and Training

2006	Doctor of Economics , Discipline: Management Wroclaw University of Science and Technology, Department of IT and Management Scientific Discipline: Management and Quality Sciences
2024	Post Doctoral Fellow (PDF) , Marwadi University, Rajkot, India
2025	Certified Lead Auditor ISO/IEC 27001:2022, Certified Internal Auditor ISO/IEC 27001:2022
1997	Certified teacher Board of Education in Wroclaw
1997	Computer Science Engineer University of Zielona Gora

	Specialization: Industrial Information Systems
1997	Postgraduate studies University of Economics in Katowice Specjalty: IT at School
1994	Postgraduate studies Wroclaw University of Economics and Business Specialization: Microcomputer Systems in Management
1991	Master's Degree Pedagogical University in Zielona Gora Specialization: Technical Education, Computer Science

Scientific and didactic activity	
SCIENTIFIC DOMAIN	Sciences and Management and Quality. Computer Science
SCIENTIFIC INTERESTS	Business Processes, Decision Support Systems, Knowledge Management, Project Management, Business Management, Artificial Intelligence, Information Systems, Economic IT, Mobile Technologies, IT in Business and Administration, Business Intelligence, Small and Medium-Sized Enterprises, CC, IoT, Big Data, BI, Blockchain, Personal Data Protection, GDPR, Security of Information and IT, Information Society, Outsourcing of IT, Dropshipping, e-logistic.
PREFERRED PLACE OF EMPLOYMENT AND JOBS	Universities, research and development centers, public administration, consulting companies, EU institutions, academic lecturer, scientist, IT consultant, manager, businessman, data protection officer.
PHD ACTIVITIES	Co-supervisor in doctoral dissertations: <ul style="list-style-type: none"> • MSc W. Grzelak, University of Economics in Wrocław Reviewer in doctoral dissertations: <ul style="list-style-type: none"> • MSc Prakash Hasmukhbhai Patel, Gujarat Technological University, Ahmedabad, India, • MSc Roshana Thomas, Technological University, Ahmedabad, India, • MSc Shivangi Katiyar, Maharishi Markandeshwar University, India, • MSc Kavita Khathar, Maharishi Markandeshwar University, India. • MSc Durgesh Pandey, National Forensic Sciences University Delhi, India • MSc Himanshu Sharma, University of Delhi, India, 2021 • MSc Krishna Samarth Delvadiya, Marwadi University, India, 2021
POSTDOC ACTIVITIES	Since 18 October 2024 Post Doctoral Fellow (PDF) in Marwadi University, Rajkot, India
POSTDOC ACTIVITIES	Scientific activities with prof. dr Nitul Dutta (Postdoctoral researcher) from Marwadi University, India . Scientific activities with prof. dr Rajendrasin Jadeja (Postdoctoral researcher) from Marwadi University, India
TEACHING CLASSES IN POLISH (Π)	<ul style="list-style-type: none"> • information technology in management, • information technology for economics, • computer aided management, • computer systems in business • computer systems in administration, • modern information systems • computer networks, • IOT, • Communication interfaces in IOT systems, • techniques and technologies in telecommunications, • data transmission, • computer graphics and multimedia, • computer advertising, • artificial intelligence, • information technology • user interface design, • selected issues in technology, • computer workstation preparation, • ICT in enhancing virtual relationships, • e-relationship design in administration , • intelligent urban solutions systems • electronic communication in administration, • Web 2.0, • wired and wireless computer networks, • web development,

	<ul style="list-style-type: none"> • electronics • electrical metrology, • Computer applications in business and administration, • computer systems in international relations,
TEACHING CLASSES IN POLISH (BUSINESS)	<ul style="list-style-type: none"> • doing business in Poland and the EU • English in finance and banking, • IT systems in business, • Basics of marketing • promotion management, • e-marketing, • e-business and e-commerce • e-government in Poland and the EU, • tools for the digitalisation of society, • marketing, • international trade • management of global supply chains, • trade economics, • economics, • management, • project management, • economy of English-speaking countries, • logistics and marketing,
TEACHING CLASSES IN POLISH (LOGISTICS)	<ul style="list-style-type: none"> • logistics and e-logistics, • logistics in tourism, • logistics management, • international logistics,
TEACHING CLASSES IN POLISH (OTHER)	<ul style="list-style-type: none"> • English in technology, • basics of tourism, • engineering and master's seminar, • preparation for the degree exam.
TEACHING CLASSES IN ENGLISH (IT)	<ul style="list-style-type: none"> • Cloud Computing, • Artificial Intelligence, • Internet of Things, • Computer Systems in International Relations, • Computer Systems Architecture, • Information Technologies, • Creating Websites and Portals, • Data Warehouse, • Data Organization and Management, • Communication Interfaces, • Computer Methods of Compiling Scientific Data,
TEACHING CLASSES IN ENGLISH (BUSINESS)	<ul style="list-style-type: none"> • Business Intelligence, • International Business Trips, • Project Management and Team Building, • E-Economy, • ICT in business Management, • International Trade, • Business Informatics, • E-business and e-commerce, • Doing Business in Poland and EU, • E-administration in Poland and EU, • IT Systems in Business,

	<ul style="list-style-type: none"> • The Economy and Market of Modern America, • English in Office, Administration and Business, • Project Management, • Project Management and Team Building,
TEACHING CLASSES IN ENGLISH (LOGISTICS)	<ul style="list-style-type: none"> • Logistics in tourism, • International logistics, • Logistics and e-logistics, • Planning and Production Logistics, • Logistics Management, • International Business Travel,
TEACHING CLASSES IN ENGLISH (OTHER)	<ul style="list-style-type: none"> • Expert Activities, • Engineering Designing with the Use of AUTOCAD, • Graduation seminar, • English in Finance and Accounting, • Industry Subject, • Expert Classes.
Employment	
JAN WYŻYKOWSKI UNIVERSITY, FACULTY OF SOCIAL AND TECHNICAL SCIENCES UL. SKANIKÓW 6B 59-100 POLKOWICE SINCE 01/10/2016	<ul style="list-style-type: none"> • Professor at the Jan Wyżykowski University, • Rector's Representative for International Cooperation and Erasmus + Program, Jan Wyżykowski University in Polkowice. • Dean of the Faculty of Technical Sciences (2009 - 2012), Vocational University of Copper Basin, Odrodzenia 21, 59-300 Lubin • Lecturer on subjects related to computer science, management, logistics, computer graphics, electronics, electrical and electronic measurement • Scientific director for curricula in the project implemented under the EU funds Erasmus Plus together with the University of Economics in Wrocław, Economics University - Varna, Bulgaria and Paragon Europe, Malta. Project title: Developing the innovative methodology of teaching Business Informatics (DIMBI), grant amount of PLN 111,000 Euro, • Member of the Council of the Faculty of Technical Sciences, • Vice-chairman of the committee for the National Qualifications Framework, • Member of the education quality committee, • Member of the team preparing the application for authorization to conduct education in the field of management and international relations, at the level of second-cycle studies, with a practical profile, • Coordinator of the stay and didactic classes of foreign students under the Erasmus + program, • Member of the Management Faculty Council, • Practice supervisor, • Chairman and member of the commission of engineering and master's exams, • Promoter of engineering and master's theses, • Reviewer of engineering and master's theses, • Supervisor of the Computer Science Club, • Coordinator of the IT course, • Coordinator for the implementation of innovations.
WROCLAW UNIVERSITY OF ECONOMICS AND BUSINESS DEPARTMENT OF BUSINESS INTELLIGENCE IN MANAGEMENT KOMANDORSKA 118/120, 53-345 WROCLAW 01.10.2019- 30.09.2024	<ul style="list-style-type: none"> • Adjunct professor, lecturer on subjects related to computer science and management,
WSG UNIVERSITY IN BYDGOSZCZ INSTITUTE OF INFORMATION TECHNOLOGY AND MECHATRONICS INSTITUT OF ECONOMY AND MANAGEMENT	<ul style="list-style-type: none"> • Professor WSG, lecturer on subjects related to computer science and management, • Rector's Representative for International Cooperation • Expert in Innovation Incubator • Expert in Department of International Projects • Supervisor of engineering and master's theses, • reviewer of engineering and master's theses,

GARBARY 2, 85-229 BYDGOSZCZ OD 01.10.2020	
THE KARKONOSZE STATE UNIVERSITY OF APPLIED SCIENCES IN JELENIA GÓRA LWÓWECKA 18, 58-503 JELENIA GÓRA, 17.02.2021- 30.09.2024	<ul style="list-style-type: none"> Adjunct professor, lecturer on subjects related to management, business and English Member of Center for interdisciplinary Research and Publishing
SWAMI SAHAJANAND COLLEGE OF COMMERCE & MANAGEMENT , BHAVNAGAR	<ul style="list-style-type: none"> Adjunct Professor
SWAMI SAHAJANAND SCHOOL OF MANAGEMENT, BHAVNAGAR	<ul style="list-style-type: none"> Visiting professor
COMPEXPERT, ZDZISLAW POLKOWSKI KRZEMIENIECKA 6/U3, 59-300 LUBIN SINCE 17.07.1990	<ul style="list-style-type: none"> Owner of an IT consulting company (SME), 5 employees Inspector of Personal Data Protection Business processes, IT in management, e-business, e-commerce, e-administration. Providing consulting services in the field of streamlining business and management processes. IT service for companies. Implementation of advanced IT projects. Digital marketing. www.compexpert.pl
ZESPÓŁ SZKOŁ W POLKOWICACH UL. SKALNIKÓW 6, 59-101 POLKOWICE 01.08.1991–01.08.2008 SINCE 01.09.2020	<ul style="list-style-type: none"> Certified IT teacher, teacher of subjects related to informatics Team leader in the project "Innovative teaching methodology for Web 3.0, 4.0, 5.0 and Green Internet of Things. Grant in the amount of EUR 100,094 for the promotion of open education in the field of awareness of the important role of the dynamically developing ICT technology in activities for environmental protection and ecology. The aim of the project is to improve the quality of education by familiarizing students and teachers with knowledge in the field of Web 3.0, 4.0, 5.0 and the Green Internet of Things, as well as creating new, innovative digital solutions that can be implemented in schools in the country and abroad.
SUBREGIONAL EDUCATION CENTER IN POLKOWICE UL. SKALNIKÓW 6, 59-101 POLKOWICE 01.08.1999–01.08.2001	<ul style="list-style-type: none"> Lecturer in the Tessa program financed by the European Union.
Skills	
COMMUNICATION SKILLS	Ease of contact, problem-solving skills, better communication through training and team management
MANAGERIAL SKILLS	Managing of the 80-person team, the ability to manage one's own work and the work of others - gained while working as dean of the Faculty of Technical Sciences at UZZM in Lubin. The ability to independently organize foreign business trips (scientific conferences, internships, study visits) while maintaining minimum costs and high security.
ABILITIES AND TECHNICAL COMPETENCE	Ability to use many technical devices and advanced computer devices
COMPUTER SKILLS	Ability to use Microsoft Office, Windows, Unix, Linux, HTML, CMS, Pascal, C ++, UTM, Novell and other applications.
OTHER SKILLS	Abilities and competences in the field of IT consulting acquired in the process of running a business, skills and competences in the field of cost reduction in business by applying the latest IT achievements (Cloud Computing, Blockchain, IoT, Business Intelligence and virtualization)
DRIVING LICENSE	A, B.
Editing and co-editing of books	
	<ol style="list-style-type: none"> Ahmed J. Obaid, Emad Abdulrahman Al-Heety, Neyara Radwan, Zdzislaw Polkowski, Advanced Studies on Environmental Sustainability, Springer, Szewcowa, 2023 Ahmed A. Elgar, Vigneshwar. M., Krishna Kant Singh and Zdzislaw Polkowski, The Handbook of Computational Sciences, 2023, https://www.scrivenerpublishing.com/cart/title.php?id=843&fbclid=IwAR13Pgck5ONKjvjp9DUP5DLtb1GU

- X5813pvyiSw-mbrCDhA1ezhN5QT7jH8, Scrivener Publishing, ISBN: 978119760467,
3. Zdzisław Polkowski, Samarjeet Borah, Sambit Kumar Mishra, Darshana Desai, Online Learning Systems, 2023, Number of pages: 188, CRC Press, ISBN: 9781003272823, <https://www.routledge.com/Online-Learning-Systems-Methods-and-Applications-with-Large-Scale/Polkowski-Borah-Mishra-Desai/p/book/9781032225081>
4. Zdzisław Polkowski, Sambit Kumar Mishra, Brojo Kishore Mishra, Samarjeet Borah, Anita Mohanty, Impact of internet of things in social and agricultural domains in rural sector: a case study, 2023, Number of pages: 90-105, Inderscience Publishers (IEL), <https://www.inderscience.com/info/inarticle.php?artid=129776>
5. Jyoti Prakash Mishra, Sambit Kumar Mishra, Zdzisław Polkowski, Samarjeet Borah, Analysis of Large-Scale Data Linked to Online Platforms Using Evolutionary Computing Mechanisms, 2023, Number of pages: 9, CRC, ISBN: 9781003272823, <https://www.taylorfrancis.com/chapters/edit/10.1201/9781003272823-6/analysis-large-scale-data-linked-online-platforms-using-evolutionary-computing-mechanisms-jyoti-prakash-mishra-sambit-kumar-mishra-zdzislaw-polkowski-samarjeet-borah>
6. Devendra Kumar Sharma, Rohit Sharma, Gwanggil Jeon, Zdzisław Polkowski, Low Power Architectures for IoT Applications, Springer, 2023, <https://link.springer.com/book/10.1007/978-981-99-0639-0>
7. Om Prakash Jena, Sudhansu Shekhar Patra, Mrutyunjaya Panda, Zdzisław Polkowski, S.Balamurugan, Industrial Transformation: Implementation and Essential Components and Processes of Digital Systems (Advances in IoT, Robotics, and Cyber Physical Systems for Industrial Transformation), CRC Press, 2022, <https://www.routledge.com/Industrial-Transformation-Implementation-and-Essential-Components-and-Processes/Jena-Patra-Panda-Polkowski-Balamurugan/p/book/9781032133980>
8. Samarjeet Borah, Sambit Kumar Mishra, Brojo Kishore Mishra, Valentina Emilia Balas, Zdzisław Polkowski, Advances in Data Science and Management: Proceedings of ICDSM 2021 - Lecture Notes on Data Engineering and Communications Technologies, Publisher: Springer Verlag, Singapore ISBN: 9789811656842 Number of pages: 649, 14/02/2022, <https://link.springer.com/book/10.1007/978-981-16-5685-9>
9. Ahmed J. Obaid, Zdzisław Polkowski and Bharat Bhushan, Advanced Practical Approaches to Web Mining Techniques and Application, IGI Global, Stany Zjednoczone, marzec 2022, DOI: 10.4018/978-1-7998-9426-1, <https://www.igi-global.com/book/advanced-practical-approaches-web-mining/277664>
10. Ahmed J. Obaid, Bharat Bhushan, Zdzisław Polkowski, Web Content Mining Techniques and Applications – IOP ebooks, Institute of Physics Publishing, <https://www.waterstones.com/book/web-content-mining-techniques-and-applications/ahmed-j-obaid/bharat-bhushan/9780750348393>
11. Simar Preet Singh, Arun Solanki, Anju Sharma, Zdzisław Polkowski, Rajesh Kumar, Smart Computing and Self-Adaptive Systems (Computational Intelligence Techniques), CRC Press, 2021, <https://www.routledge.com/Smart-Computing-and-Self-Adaptive-Systems/Singh-Solanki-Sharma-Polkowski-Kumar/p/book/9780367741105>
12. Sandeep Kautish, Deepmala Singh, Zdzisław Polkowski, Alka Mayura, Mary Jeyanthi, Knowledge Management and Web 3.0: Next Generation Business Models – Smart Computing Applications, De Gruyter, <https://www.degruyter.com/document/doi/10.1515/9783110722789/html>
13. Ahmed A. Elngar, Vigneshwar. M., Krishna Kant Singh, Zdzisław Polkowski, Handbook of Computational Sciences: A Multi and Inter-disciplinary Approach, John Wiley & Sons Inc, <https://www.porchlightbooks.com/product/handbook-of-computational-sciences-a-multi-and-inter-disciplinary-approach--ahmed-a-elngar>
14. Simar Preet Singh, Arun Solanki, Anju Sharma, Zdzisław Polkowski, Rajesh Kumar, Smart Computing and Self-Adaptive Systems – Computational Intelligence Techniques, Taylor & Francis Ltd, <https://www.taylorfrancis.com/books/edit/10.1201/9781003156123/smart-computing-self-adaptive-systems-simar-preet-singh-arun-solanki-anju-sharma-zdzislaw-polkowski-rajesh-kumar?refid=84896d88-79b6-4a07-92a4-82a6352fa98d&context=ubx>
15. Borah, S., Balas, V.E., Polkowski, Z., Lecture Notes on Data Engineering and Communications Technologies, 2020, 37, pp. v-vi, Springer, <https://www.springer.com/series/15362>
16. Rathore, V.S, Dey, N. Piuri, V. Babo, R., Polkowski, Z., Tavares, J.M.R.S., Advances in Intelligent Systems and Computing, Volume 1187, 2021, Pages v-vi1st FICR International Conference on Rising Threats in Expert Applications and Solutions, FICR-TEAS 2020; Jaipur; India; 17 January 2020 through 19 January 2020; Code 249679, Springer, <https://www.springer.com/series/15362>
17. Ashish Khanna, Deepak Gupta, Polkowski Z., Siddhartha Bhattacharyya, Oscar Castillo, Data Analytics and Management: Proceedings of ICDAM - Lecture Notes on Data Engineering and Communications Technologies 54 (Paperback), 2020, Springer, <https://link.springer.com/book/10.1007/978-981-19-7615-5>

	<ol style="list-style-type: none"> 18. Polkowski Z., Sambit K. M., Samarjeet B., Ritesh D., Artificial Intelligence In Manufacturing And Green Technology, Methods and Applications, CRC, 2020, https://www.taylorfrancis.com/books/edit/10.1201/9781003032465/ai-manufacturing-green-technology-sambit-kumar-mishra-zdzislaw-polkowski-samarjeet-borah-ritesh-dash 19. Om Prakash Jena, Alok Ranjan Tripathy, Zdzislaw Polkowski, Green Engineering and Technology, Innovations, Design, and Architectural Implementation, CRC, 2020, https://www.routledge.com/Green-Engineering-and-Technology-Innovations-Design-and-Architectural/Jena-Tripathy-Polkowski/p/book/9780367758059 20. Om Prakash Jena, Alok Ranjan Tripathy, Ahmed A. Elngar, Zdzislaw Polkowski, Computational Intelligence and Healthcare Informatics, CRC, 2021, https://www.wiley.com/en-gb/Computational+Intelligence+and+Healthcare+Informatics-p-9781119818687 21. Pradeep Kumar Singh, Polkowski Z., Sudeep Tanwar, Sunil Kumar Pandey , Gheorghe Matei , Daniela Pirvu, Innovations in Information and Communication Technologies (IICT-2020), 2021, Springer, https://link.springer.com/book/10.1007/978-3-030-66218-9 22. S. Kautish, D. Singh, Z. Polkowski, A. Maurya, M. Jeyanthi, Knowledge Management and Web 3.0: Next Generation Business Models (Smart Computing Applications) , 2021, Dr. Gruyter, https://www.degruyter.com/document/doi/10.1515/9783110722789/html 23. Sasmita Rani Samanta , Pradeep Kumar Mallick , Prasant Kumar Pattnaik , Jnyana Ranjan Mohanty , Zdzislaw Polkowski, Cognitive Computing for Risk Management (EAI/Springer Innovations in Communication and Computing), 2021, https://link.springer.com/book/10.1007/978-3-030-74517-2 24. Zdzislaw Polkowski, Sambit Kumar Mishra, Julian Vasilev, Data Science in Engineering and Management: Applications, New Developments, and Future Trends, Publisher: Taylor & Francis Ltd ISBN: 9781032106250 Number of pages: 150 25/01/2022, https://www.routledge.com/Data-Science-in-Engineering-and-Management-Applications-New-Developments/Polkowski-Mishra-Vasilev/p/book/9781032106250 25. Zdzislaw Polkowski, Deepak Gupta, Ashish Khanna, Siddhartha Bhattacharyya, Oscar Castillo, Proceedings of Data Analytics and Management: ICDAM 2021, Volume 1 - Lecture Notes on Data Engineering and Communications Technologies, Publisher: Springer Verlag, Singapore ISBN: 9789811662881 Number of pages: 758, 10/01/2022, https://link.springer.com/book/10.1007/978-981-16-6289-8 26. Roshani Raut, Sandeep Kautish , Zdzislaw Polkowski , Anil Kumar , Chuan-Ming Liu, Green Internet of Things and Machine Learning: Towards a Smart Sustainable World, Publisher: John Wiley & Sons Inc ISBN: 9781119792031 Number of pages: 374, 09/05/2022, https://www.wiley.com/en-us/Green+Internet+of+Things+and+Machine+Learning:+Towards+a+Smart+Sustainable+World-p-9781119792031 27. Sambit Kumar Mishra, Zdzislaw Polkowski, Samarjeet Borah, Ritesh Dash, AI in Manufacturing and Green Technology: Methods and Applications – Green Engineering and Technology, Taylor & Francis Ltd, https://www.taylorfrancis.com/books/edit/10.1201/9781003032465/ai-manufacturing-green-technology-sambit-kumar-mishra-zdzislaw-polkowski-samarjeet-borah-ritesh-dash 28. Samarjeet Borah , Valentina Emilia Balas , Zdzislaw Polkowski, Advances in Data Science and Management: Proceedings of ICDSM 2019 - Lecture Notes on Data Engineering and Communications Technologies, Publisher: Springer Verlag, Singapore ISBN: 9789811509773 Number of pages: 563, 14/01/2020, https://link.springer.com/book/10.1007/978-981-15-0978-0 29. Borah, S., Balas, V.E., Polkowski, Z., Lecture Notes on Data Engineering and Communications Technologies, 2020, 37, pp. v-vi, Springer, https://www.springer.com/series/15362 30. Vijay Singh Rathore , Nilanjan Dey , Vincenzo Piuri , Rosalina Babo , Zdzislaw Polkowski , Joao Manuel R. S. Tavares, Rising Threats in Expert Applications and Solutions: Proceedings of FICR-TEAS 2020 - Advances in Intelligent Systems and Computing, Publisher: Springer Verlag, Singapore ISBN: 9789811560132 Number of pages: 799 02/10/2020, https://link.springer.com/book/10.1007/978-981-15-6014-9
Publications	
YEAR 2025	<ol style="list-style-type: none"> 1. Jyoti Prakash Mishra, Zdzislaw Polkowski, Sambit Kumar Mishra, Accessibility of Data Linked to Large Scaled Heterogeneous Databases Using Generalized Approach: A Soft Computingbased Approach, Applied Soft Computing Techniques, 2025 2. Khushwant Singh, Mohit Yadav, Yudhvir Singh, Zdzislaw Polkowski, Using AI for IoT Device Anomaly Detection in Edge-Resident Intrusion Detection Systems (IDoS), Cutting-Edge Solutions for Advancing Sustainable Development: Exploring Technological Horizons for Sustainability-Part 1, 2025 3. B Rajesh Gupta, Riya Kakkar, Sachi Chaudhary, Sudeep Tanwar, Zdzislaw Polkowski, Fayeze Alqahtani, Amr

	<p>Tolba, ESTS: Blockchain-enabled electric vehicles scheduling and coordination scheme at charging station, Sustainable Energy, Grids and Networks, 2025</p> <p>4. Muthmainnah Muthmainnah, Ahmed J Obaid, Ahmad Al Yakin, Sitti Nurjannah, Muthmainnah Mursidin, Zdzisław Polkowski, Revolutionizing Quantum Robotics Applications for Enhancing Language Learning and Technology Self-Efficacy, The Quantum Evolution, 2025</p>
YEAR 2024	<p>5. Meet Patel, Keyaba Gohil, Aditya Gohil, Fenil Ramoliya, Rajesh Gupta, Sudeep Tanwar, Zdzisław Polkowski, Fayeze Alqahtani, Amr Tolba, Explainable AI for gastrointestinal disease diagnosis in telesurgery Healthcare 4.0, Computers and Electrical Engineering, 2024</p> <p>6. Satheeshkumar Palanisamy, Ahmed J Obaid, Prabhu Thiyagarajan, Nivethitha Thangavelsamy, Luís Miguel Cardoso, Zdzisław Polkowski, Miniaturized Stepped-Impedance Resonator Band Pass Filter Using Folded SIR for Suppression of Harmonics. Mathematical Modelling of Engineering Problems, 2024</p> <p>7. Aparna Kumari, Riya Kakkar, Sudeep Tanwar, Deepak Garg, Zdzisław Polkowski, Fayeze Alqahtani, Amr Tolba, Multi-agent-based decentralized residential energy management using Deep Reinforcement Learning, Journal of Building Engineering, 2024</p> <p>8. Zdzisław Polkowski, Jyoti Prakash Mishra and Sambit Kumar Mishra, Analytical concepts of causal inference and intensification of data prioritizing meta-heuristic approach, 16th International Conference on Electronics, Computers and Artificial Intelligence (ECAI 2024), Rumunia, 2024</p>
YEAR 2023	<p>9. Z Polkowski, SK Mishra, BK Mishra, S Borah, A Mohanty, Impact of the internet of things in social and agricultural domains in rural sector: a case study, International Journal of Cloud Computing 12 (1), 2023</p> <p>10. Z Polkowski, S Borah, SK Mishra, D Desai, Online Learning Systems: Methods and Applications with Large-Scale Data, CRC Press, 2023 https://www.routledge.com/Online-Learning-Systems-Methods-and-Applications-with-Large-Scale-Data/Polkowski-Borah-Mishra-Desai/p/book/9781032225081</p> <p>11. Manushi Munshi, Rajesh Gupta, Nilesh Kumar Jadav, Zdzisław Polkowski, Sudeep Tanwar, Fayeze Alqahtani, Wael Said, Quantum machine learning-based framework to detect heart failures in Healthcare 4.0, Journal of software: Practice and experience, Wiley online library, https://onlinelibrary.wiley.com/doi/10.1002/spe.3264</p> <p>12. Nihar Patel Nakul, Vasani Nilesh, Kumar Jadav, Rajesh Gupta, Sudeep Tanwar, Zdzisław Polkowski, Fayeze Alqahtani, Amr Gafar, F-LSTM: Federated learning-based LSTM framework for cryptocurrency price prediction, Electronic Research Archive, http://aimspress.com/article/doi/10.3934/era.2023330</p> <p>13. Pastor Arguelles JR., Zdzisław Polkowski, Impact of Big Data on Supply Chain Performance through Demand Forecasting, The "International Journal of Computations, Information and Manufacturing" (IJCIM), 2023, Dubai, UAE https://journals.gaftim.com/index.php/ijcim/article/view/232</p> <p>14. Ahmad Al Yakin, Muthmainnah Muthmainnah, Ahmed J. Obaid, Zdzisław Polkowski, Andi Asrifan, A phenomenological IoT: the relationship between Autonomous and IT innovation for higher education students, in review</p>
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	<p>160. Pólkowski Z., Olszewski W., Diagnoza oceny nauczyciela szkoły średniej w reformowanym systemie edukacji. Article in: Diagnoza i ewaluacja w reformie edukacyjnej. red. Wenta K., Wyd. Kwadra, Szczecin, 2002, pg. 244-255, ISBN 83-914671-7-1.</p> <p>161. Pólkowski Z., Olszewski W., Biblioteka jako Szkolne Centrum Multimedialne. : Wyzwania pedagogiki medialnej – nowe perspektywy XXI wieku, red. M. Sokołowski, Olsztyn, 2001, pg. 255-263, ISBN 83-905505-6-3.</p> <p>162. Pólkowski Z., Olszewski W., Internetowe systemy wspomagające zarządzanie placówką edukacyjną. Article in: w: Informatyka w szkole, XVII Konferencja Informatyka w Szkole, Cz.2., red. M. M. Sysło, Ministerstwo Edukacji Narodowej Instytut Informatyki Uniwersytetu Wrocławskiego, Samorząd Miasta Mielca i Powiatu Mieckiego, Wyższa Szkoła Gospodarki i Zarządzania w Mielcu, Mielec, 2001, pg. 693-700, ISBN 83-910596-8-5.</p> <p>163. Pólkowski Z., Tworzenie i przekształcanie zasobów medialnych. Katowice, 2001.</p> <p>164. Pólkowski Z., Olszewski W., Diagnoza osiągnięć ucznia wspomagana interactivem systemem komputerowym w reformowanej szkole. Article in: Pomiar edukacyjny jako kompetencje pedagogiczne, red. Wenta K., Uniwersytet Szczeciński, Szczecin, 2001, pg. 397-405, ISSN 1232-5848.</p> <p>165. Pólkowski Z., Olszewski W., Komputerowe wspomaganie oceny kadr w reformowanej szkole. Article in: Informatyka w szkole, XVI Konferencja Informatyka w Szkole, red. M.M. Sysło, Ministerstwo Edukacji Narodowej, Instytut Informatyki Uniwersytetu Wrocławskiego, Samorząd Miasta i Powiatu Mieckiego, Wyższa Szkoła Gospodarki i Zarządzania w Mielcu, Mielec, 2000, pg. 72-78, ISBN 83-910596-4-2.</p> <p>166. Pólkowski Z., Edukacyjne zastosowanie DHTML wspomagające process nauczania, w Article in: Media a edukacja, red. Pygkowski W., Lewandowska I., Kawiecki W., III Międzynarodowa Konferencja, Wyd. eMPI2, Poznań, 2000, pg. 377-381, ISBN 83-87666-43-2.</p> <p>167. Pólkowski Z., Integracja sieci komputerowych dla potrzeb Intranetu i Internetu. Article w: Informatyka w szkole, XV Konferencja Informatyka w Szkole, red. M.M. Sysło, Katowice, 1999, pg. 398-403, ISBN 83-7076-115-1.</p> <p>168. Pólkowski Z., Urządzenia multimedialne na zajęciach informatyki w szkole. Article w: Media a edukacja. Program i tezy, red. Pygkowski W., Kąkolewicz M., II Międzynarodowa Konferencja, Wyd. eMPI2, Poznań, 1998, pg.59, ISBN 83-87666-03-3.</p> <p>169. Pólkowski Z., Aspekty techniczne, ekonomiczne i dydaktyczne wykorzystania Windows NT i sieci w szkole. Article in: Informatyka w Szkole, XIV Konferencja Informatyka w Szkole, red. M.M. Sysło, Instytut Informatyki Uniwersytetu Wrocławskiego, Uniwersytet Marii Curie-Skłodowskiej, Ministerstwo Edukacji Narodowej, Lubin, 1998, pg. 382-385, ISBN 83-910596-0-X.</p>
	Keynote speaker
	<p>1. 2nd International Conference on Computing Systems & Intelligent Applications (ComSIA 2025) 6TH Doctoral Symposium on Computational Intelligence (DOSCI 2025), Methods of Cybersecurity Audits in Public Institutions and Business, India 29 March 2025</p> <p>2. Prudence 2025- International Conference on IEMDR, Innovation and Cybersecurity, India, April 11, 2025</p> <p>3. 4th International Conference on Universal Threats in Expert Applications and Solutions, The Influence of Digital Transformation on Innovation in German SMEs: A Comprehensive Analysis, Shree KKarni Universe College, Jaipur, 1st – 2nd February, 2025</p> <p>4. 3Th International Conference on Data Science and Management ICDSM-2024, The impact of Artificial intelligence in shaping the future of logistics, jointly organized by Gandhi Institute for Education and Technology, Baniatangi, Odisha, Sikkim Manipal Institute of Technology, Majitar, East Sikkim and REVA University, Bengaluru, India, 13-14 December, 2024</p> <p>5. Indonesia, International conference on Augmenting Artificial-Human Intelligence (ICAAHI), Impact of AI on Teachers work, University of Sulawesi Tenggara, Kendari, Indonesia, 23-24 November 2024</p> <p>6. International Conference on Data-Processing and Networking (ICDPN-2025), Green Deal and Green IT in Europe, Institute of Technology and Business in České Budějovice, Czech Republic, 25th-26th October, 2024,</p> <p>7. India, 2nd International Conference on Advanced Computing & Communication Technologies, Impact of AI on Labor Market in Europe and Poland, 16th & 17th November 2024, Ethnic India, Rai, Sonipat, Delhi</p> <p>8. International Conference on Advancements in Smart Computing and Information Security (ASCIS) 2024, The security model and strategies of Cloud Computing in Business and Public Administration, Marwadi University, Rajkot India, 19-23 October, 2024</p>

9. International Conference on Advancements in Smart Computing and Information Security (ASCIS) 2024, Expert talk at Faculty of Management Studies, **Emerging Trends of Business Informatics and Business Intelligence**, Marwadi University, Rajkot, **India**, 19-23 October, 2024
10. 6th International Conference on Applied Science and Technology (ICAST), 20th to the 22nd of October 2023, Kalimantan Utara, Tarakan, Indonesia,
11. The Seventh International Conference ICRIC-07, **The impact of Artificial Intelligence in shaping the future of logistics**, The Department of Computer Sciences & Engineering & CSIT of Central University of Jammu, **India**, 22 -23 August, 2024
12. The Seventh International Conference ICRIC-07, The impact of Artificial Intelligence in shaping the future of logistics, The Department of Computer Sciences & Engineering & CSIT of Central University of Jammu, **India**, 22 -23 August, 2024
13. The Sixth International Conference on Computational Intelligence and communication Technologies, CCICT 2024, Dropshipping as Logistics Business Model of e-Commerce, Sonapat, Indie, 19-20 kwietnia 2024
14. The Forth National Conference, Translations Management Systems in Logistics, Bhavanagar, Indie, 6-7 stycznia, 2024,
15. International Conference on Multidisiplinary Studies toward Creative Indutries UICOMS 2023, **The role of Green Information Technology in Creative Industries**, 4 October 2023, Jakarta, Indonesia
16. Orientation Programme: Step a head, Types of business in USA and Europe, Swami Sahajanand School of Management, Master in Business Administration (MBA), Bhavnagar (Gujarat), **India**, April 12, 2021.
17. Two Day International Conference, **The influence of COVID-19 on Higher Educational Institutions in Poland** Gokhale Education Society's SHRI BHAUSAHEB VARTAK ARTS, COMMERCE, & SCIENCE COLLEGE, BORIVALI WEST, MUMBAI, 21- 22 May, 2021
18. International faculty Development Programme, **Incorporating ICT in Teaching – Learning, Case study**, , Swami Shajanand College of commerce and Managament, Bahvnagar, **India**, 18 June 2021
19. XXIII Annual International Seminar on New Directions in Higher Education in the Post COVID-19 Era: Global Perspective Inaugural Session, 12 June, 2021
20. VISHLESHAN 2021"International Research Conference On "Post Covid 19 - Economic Opportunities & Challenges in **India**" (Virtual Platform), Institute of Management & Research, Affiliated to the University of Mumbai, Shirgaon Campus, 24 April 2021, Keynote speaker,
21. 2nd International Conference on Physics and Applied Science (ICPAS), **The Development of Green Internet of Things in Education**, College of Education, Mustansiriyah University, Baghdad, Iraq, 26-27 May, 2021.
22. international conference on Computational Intelligence & Computing (ICCIC- 2020ne) **IoT in Business and Education Technology**, Narula Institute of Technology 20 February 2021
23. **3rd International Scientific Conference of Engineering Sciences and Advances Technologies (IICESAT)**, , University of Babylon, Iraq, 4-5 June, 2021, Keynote speaker
24. **International Virtual Conference on Entrepreneurship during Challenging Times: strategies for Success & Sustenance**, Doing Business during Covid 19 in International Perspective, Mohanlal Sukhadia University, Udaipur **India**, 19th - 20th JUNE, 2021, Guest of honour, Keynote speaker
25. International Marketing Conference, **Web Technology in Marketing**, South **India** Education Society (SIES), Navi Mumbai, **India**, 13 February 2021.
26. International conference on Computational Intelligence and Computing (ICCIC- 2020ne), **IoT in Business and Education Technology**, S R Group of Institutions, Jhansi, 19-20 February, 2021, Springer
27. International Conference on Data Science and Management, ICDSM-2021, **Selected aspects related to Cyber Security and GDPR**, Gandhi Institute for Education & Technology, Baniatangi, Bhubaneswar, 19-20 February, 2021, Springer
28. The Department of Computer Science and Applications, **Trends in security of information systems in business, administration and education** Christ Academy Institute for Advanced Studies, Bangalore, **India** is organizing an International Webinar on "IOT trends, Security Challenges and Solutions, Bangalore 22nd January 2021.
29. International Conference on Applications of Networks, Sensors and Autonomous Systems Analytics (ICANSASA-2020), **Blockchain Implementation in SMEs**, JIS College of Engineering, Kalyani, West Bengal, **India**, 11-12 grudnia 2020, Springer

30. Live International Faculty Development Programme, Recent Trends In Science & Technology, Suresh Gyan Vihar University, **India**, 16 June, 2020
31. 2 International Conference on Emerging Technologies in Data Mining and Information Security, **Choosing ICT solutions to improve business processes**, School of Information Technology, Institute of Engineering & management Group, **India**, 2-4 July, 2020, **Springer**
32. International Conference on Innovations in Information and Communication Technologies (IICT-2020), **From Web 1.0 to Web 5.0 in education**, ITS, Mohan Nagar, Ghaziabad, **India**, 7-8 November, 2020, **Springer**
33. International Conference on Innovations in Information and Communication Technologies (IICT-2020) **Empirical evaluation of the revised Technology Acceptance Model for Lean Six Sigma**, ITS, Mohan Nagar, Ghaziabad, **India**, 7-8 November, 2020, Springer
34. 6 th Emerging Trends and Approaches in Knowledge based Economy - Creative Thinking and Innovation in Multi-crisis Environment, **Economic aspects of transfer a traditional company to the Internet**, Pitesti, **Romania**, 27-28 November, 2020, co-organizer
35. International Conference on Innovations in Electronics, Communication, Computing and Automation (ICIECCA-2020), **How to transfer a traditional company to the Internet?**, KL University, Vaddeswaram (Andhra Pradesh), 23 -25 November, 2020, keynote speaker, **Springer**
36. 4th International Conference on Micro-Electronics and Telecommunication Engineering (ICMETE-2020), **ICT in public administration in Poland**, **India**, 26-27 September, 2020, **Springer**
37. Webinar: Effective use of ICT In Buisness & Education, Institue of Information Technology & Manegment, **India**, 8 June, 2020,
38. Recent Trends In Science & Technology (International Faculty Development Programme) **Recent trends in IT business in Europe during COVID**, Academic Staff College, Sureh Gyan Vihar University, Jaipur (**India**), 16 June 2020,
39. Online One Day International Conference, Temat wystąpień: **How Polish companies are pushing through the pandemic**, 19 May, 2020, Shah n. h. Commerce College, Valsad, Bulsar, Gujarat, **India**,
40. International Webinar series "Putting your business through the pandemic" Department of Commerce, Swami Sahajanand College of Commerce & Management, Bhavnagar, **India**,
41. Webinar, **Effective use of ICT in business and education** Computer Science department of IITM, Nowe Delhi, **India**. 8 June 2020
42. International Conference on Innovative, **General Data Protection Regulation In Europe - A case study** Shaheed Sukhdev College of Business Studies, New Delhi, Springer, Elsevier. 21-22 February 2020, Chair session,
43. **The role of ICT in business** B.M. Institute of Engineering and Technology, Sonipat, 20 February 2020.
44. **Role of ICT and Internet of Things in Technical education**, SRM Institute of science and technology, NCR Campus, Modnigar, 19 February 2020.
45. **Cloud Computing and IoT in Business**, Galgotias University, Greater Noida, 17 February 2020.,
46. International Conference on Role of ICT in Higher Education: Trends, Problems, Prospects, (ICRHE 2020), **Effective Use of ICT Higher Education**, Institute of Information Technology & Managment, Janakpuri, New Delhi, 14-15 February 2020, Chair session,
47. International Conference on Pervasive Computing- 2020 (ICPC - 2020), Kashibai Navale College of Engineering, Pune 13 February, Chair session, Keynote speaker. Temat wystąpień: Virtual solutions of business.
48. Internet of Thing, Next Generation Networks and Cloud Computing, **How does virtualization improve business?** SMT. Kashibai Navale College of Engineering, Pune 12 February, Chair session,
49. International Conference on Tourism, Hospitality and Sustainability Development Goals, **Business model of E-tourism for SMEs**, National Institute of Tourism and Hospitality Management, Hyderabad, 9-10 February 2020, Invited speaker, Chair session.
50. An International Conference on Digitalization of Managment and Social Sciences, **From Web 1.0 to Web 5.0 In business**, Yapee Institute of Information Technology, Noida, 7-8 February 2020, chair session
51. International Conference on Evolving Technologies for Computing, Communication and Smart World (ETCCS - 2020), **Bussines Model of Edge, Fog and Cloud Computing for SMEs**, Springer, Noida, **India** 31 January - 1 February,
52. Ganpat University, Ahmedabad, **India** 16 February 2015, speaker. **Business Informatics in Europe and**

Poland,

53. Multidisciplinary International Conference, GTU, Ahmedabad, **India**, 14 March 2019.
54. Second International Conference On Computing and Communications, , **Selecting ICT Solutions for Micro Companies By Multiple Criteria Decision Making Methods**, Central University Of Jammu, **India**, Special guest, 8-9 March 2019, Springer
55. International Conference on Data Science and Management, **The role of Internationalization In Higher Education**, Gandhi Institute for Education and Technology, 21-24 February 2019, Bhubunaswar, **India**, Springer. Chief guest,
56. Second International Conference On Computing and Communications, **Machine learning in business**, Sikkim, **India**, 23-24 March 2018, Springer
57. International Conference on Forensic Sciences and Cyber Security (INFORSECON 2017, Gujarat Forensic Sciences University Gandhinagar **India**, 6-7 October 2017.
58. GTU Conference on "Enhancing Economic Productivity and Competitiveness through Financial & Monetary Reforms" Ahmedabad, **India**, 6-7 October 2017.
59. International Conference on Digital Marketing at SIES, Navi Mumbai, **India**, January 2017.
60. International Conference on Mathematics and Computer Sciences, Guangzhou, China, 21-24 September 2017.
61. Ganpat University, Ahmedabad, **India**, 16 February 2015, **Integration of ERP systems**,
62. Ganpat University, Ahmedabad, **India**, 16 February 2015, **Challenges in Implementation e-services in business**,
63. National Institute of Cooperative Management Society (NICM Society), Gandhinagar, **India**, February 2015, speaker. **Cloud computing in SMEs**,
64. Gardi Vidyapith, Rajkot – Kalawad Highway, Gujarat, **India**, February 2015, speaker. **ICT in Poland and Europe**,
65. School of Engineering RK University, **Business Opportunity in Poland and Career opportunity in Cloud Computing**, Rajkot, **India**, February 2015
66. Ganpat University, **Business Informatics in Europe and Poland**, Gujarat, Ahmedabad, **India**, 17 February 2015,
67. Shri Sunshine Educational Trusts' Group of Institutions, **DSS and GDSS Systems**, , Rajkot, **India**, 11 February 2015,
68. Computer Engineering Department, Marwadi Education Foundation Group in Rajkot, **Security and Cyber Crime in Business**, Rajkot, **India**, 9 February 2015
69. Computer Engineering Department, Marwadi Education Foundation Group in Rajkot **E-business in Poland and Europe**, Rajkot, **India**, 10 February 2015
70. Management Department, Marwadi Education Foundation Group in Rajkot, **Innovations in Business in Poland and European Union Countries**, Rajkot, **India**, 9 February 2015
71. Computer Application Department, Marwadi Education Foundation Group in Rajkot, **Security of Communications and Information Technology**, Rajkot, **India**, 10 February 2015,
72. Marwadi Education Foundation Group in Rajkot **Business innovation in Poland and in the European Union**, Rajkot, **India**, 9 February 2015
73. International conference on Micro-Electronics and Telecommunication Engineering, SRM Institute of Science and Technology, Nowe Delhi NCR Campus, Ghaziabad, **India**, 28 – 29 September 2019, **IEEE, Springer**.
74. Paradigm Shift in Management Competencies for Pluralistic Workplaces: Changing scenario of Management Education, Latur, **India**, 27-28 September 2019.
75. Multidisciplinary International Conference, GTU, Ahmedabad, **India**, 14 March 2019.
76. Second International Conference On Computing and Communications, Central University Of Jammu, **India**, 8-9 marca 2019, **Springer**, special guest.
77. International Conference on Data Science and Management, Gandhi Institute for Education and Technology, Bhubunaswar, **India**, 21-24 February 2018, , chief guest.

78.	4th International Conference HERE 2018, Bhavnagar, India , 24 November 2018,
79.	International Research Conference on Future Challenges of Higher Education in India , Mumbai, India , 1 December 2018,
80.	International Conference on Harmony Through Education, Ahmedabad, India , 2-3 December 2018,
81.	3rd International Conference on Data Engineering and Communication Technology (ICDECT-2019), Stanley College of Engineering and Technology for Women, Hyderabad, India , 15-16 March 2019, Springer ,
82.	International Conference on Forensic Sciences and Cyber Security (INFORSECON 2017, Gujarat Forensic Sciences University Gandhinagar India , 6-7 October 2017,
83.	GTU Conference on "Enhancing Economic Productivity and Competitiveness through Financial & Monetary Reforms" Ahmedabad, India , 6-7 October 2017,
84.	International Conference on Mathematics and Computer Sciences, Guangzhou, China, 21-24 September 2017,
85.	Second Conference on innovative teaching methods, (ITM 2017), Warna, Bulgaria , 28-29 czerwca 2017,
86.	The 10th International Conference of Iranian Operations Research Society, Babolsar, Iran , 3-5 May 2017,
87.	ITABI 2017, 8-9 May 2017, Wrocław,
88.	The first International Conference on industrial management organized by Iran Institute of industrial management, Teheran, Iran , 14-15 May 2016,
89.	International Conference on Mathematics and Decision Science, 12-15 September, Guangzhou, China.
90.	The first International Conference on industrial management organized by Iran Institute of industrial management, Teheran, Iran , 14-15 May 2016.
91.	The International Conference on Emerging Trends and Approaches: Creative Thinking and Innovation in Knowledge based Economy (ETAEC 2015), Pitesti, Romania .
92.	4th International Conference on "Business Ethics for Good Corporate Governance & Sustainability" in Gujarat Technological University, Ahmedabad, India , 6 February 2015

Conferences, Seminars, Author's Lectures

2021 YEAR	<ul style="list-style-type: none"> Fourth International Conference on Recent Innovation in Computing ICRIC-2021, Department of Computer Science and Information Technology, Central University of Jammu, May 08-09, 2021, Springer IOT 2021, the First International Conference on Green Internet of things, Swami Sahajanand School of Management (SSSM), July 25-26, 2021 Bhavnagar Orientation Programme: Step a head, Types of business in USA and Europe, Swami Sahajanand School of Management, Master in Business Administration (MBA), Bhavnagar (Gujarat) -INDIA on dated April 12, 2021. Two Day International Conference, The influence of COVID-19 on Higher Educational Institutions in Poland Gokhale Education Society's SHRI BHAUSAHEB VARTAK ARTS, COMMERCE, & SCIENCE COLLEGE, BORIVALI WEST, MUMBAI, 21- 22 May, 2021 International faculty Development Programme, Incorporating ICT in Teaching – Learning, Case study, Swami Shajanand College of commerce and Management, Bahvnagar, India, 18 June 2021 XXIII Annual International Seminar on New Directions in Higher Education in the Post COVID-19 Era: Global Perspective Inaugural Session, 12 June, 2021 VISHLESHAN 2021"International Research Conference On "Post Covid 19 - Economic Opportunities & Challenges in India" (Virtual Platform), Institute of Management & Research, Affiliated to the University of Mumbai, Shirgaon Campus, 24 April 2021, Keynote speaker, 2nd International Conference on Physics and Applied Science (ICPAS), The Development of Green Internet of Things in Education, College of Education, Mustansiriyah University, Baghdad, Iraq, 26-27 May, 2021. International conference on Computational Intelligence & Computing (ICCIC- 2020ne) IoT in Business and Education Technology, Narula Institute of Technology 20 February 2021 3rd International Scientific Conference of Engineering Sciences and Advances Technologies (IICESAT), , University of Babylon, Iraq, 4-5 June, 2021, Keynote speaker International Virtual Conference on Entrepreneurship during Challenging Times: strategies for Success & Sustenance, Doing Business during Covid 19 in International Perspective, Mohanlal Sukhadia University, Udaipur India, 19th - 20th JUNE, 2021, Guest of honour, Keynote speaker
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	<ul style="list-style-type: none"> International Marketing Conference, Web Technology in Marketing, South India Education Society (SIES), Navi Mumbai, India, 13 February 2021. International conference on Computational Intelligence and Computing (ICCIC- 2020ne), IoT in Business and Education Technology, S R Group of Institutions, Jhansi, 19-20 February, 2021, Springer International Conference on Data Science and Management, ICDSM-2021, Selected aspects related to Cyber Security and GDPR, Gandhi Institute for Education & Technology, Baniatangi, Bhubaneswar, 19-20 February, 2021, Springer Ninth International Conference 'Resilience and Reinvention in Turbulent Times: HR and Marketing Perspective' Maharaja Agrasen Institute of Management Studies, Guest of Honour, Baddi, Himachal Pradesh, October 07, 2021 Second International Research Conference on Technology, Engineering, Keynote speaker, Culture and Society (IRConTECS 2021), Bicol State College of Applied Sciences and Technology, Naga City, Philippines, October 12 – 14, 2021 INTERNATIONAL CONFERENCE on Emerging Technologies for Computing, Keynote talk, Communication and Smart Cities (ETCCS-2021) in collaboration with Springer 21-22 August, 2021 Fourth International Conference on Computational Intelligence and Data Engineering ICCIDE-2021, Keynote speaker, VIT-AP University, Near Vijayawada – 522237, Andhra Pradesh, India, 13 August 2021 Fifth International Conference On Computational Vision and Bio Inspired Computing (ICCVBIC 2021), Saranathan College of Engineering, Trichy, TamilNadu, India, 25-26, November 2021 International Conference on Sentimental Analysis and Deep Learning (ICSADL 2021) in collaboration with Springer, Speaker, Prince of Songkla University, Thailand, 18-19 June 2021 International Faculty Development Programme Decisions From Disaster to Development, Speaker, Swami Sahajanand College of Commerce & Management, June 15, 2021- June 21, 2021
2020 YEAR	<ul style="list-style-type: none"> International Conference on Multimedia Applications and Real-Time Computing-2021 (MARC 2021), HMR Institute of Technology and Management, affiliated to GGSIP University, Delhi, India, 7-8 October, 2021, International Advisory Committee
2020 YEAR	<ul style="list-style-type: none"> Where Startup Meets Investors, Shaheed Sukhdev College of Business Studies, New Delhi, Delhi, India, 21 February, expert International Conference on Smart Sustainable Intelligent Computing and Application (ICITETM – 2020), Maharaja Agrasen Institute of Technology, Nowe Delhi, 4 -6 February, Chair session, special guest Startup University Challenge, Shah Vijapurwala Institute of Management, Vadodara, India, 2 February, expert
2019 YEAR	<ul style="list-style-type: none"> International Conference on Emerging Trends in Information Technology" (ICETIT-2019), 21–22 czerwca 2019, Nowe Delhi, India. Private Cloud Computing Model in Small and Medium Enterprises Malgorzata Nycz, Zdzisław Pólkowski, Wojciech Grzelak, AGBM-Tsukuba International Management Conference, Tsukuba University, Tokyo, Japonia, February 2019, wystąpienie The Impact of Social Media on the Development of Startups Malgorzata Nycz, Zdzisław Pólkowski, Wojciech Grzelak, Tokyo, Japan, AGBM-Tsukuba International Management Conference, Tsukuba University, Tokyo, Japonia, February 2019, wystąpienie
2018 YEAR	<ul style="list-style-type: none"> The International Symposium on Management, Education and Information Technology (SMEIT 2018) will be held from October 26-28, 2018 in Suzhou, China, Program Committee, http://www.engii.org/conference/OrganizingCommittee.aspx?id=1023 International Conference DAAD Bologna Goes Digital, Berlin, Niemcy, 25-27 September 2018, participant.
2017 YEAR	<ul style="list-style-type: none"> ECAI 2017 International Conference 9th Edition, Electronics, Computers and Artificial Intelligence, 29 czerwca- 1 July 2017, Targoviste, Romania, participant. International Marketing Conference Digital Marketing-Ushering a New Era, SIESCOMS, Navi Mumbai, India, 21 stycznia 2017, speaker.
2014 YEAR	<ul style="list-style-type: none"> XVII Seminarium Problemowe WOD. DWSPIT Polkowice, Polkowice, 6-8 Maya 2015, participant.

	<ul style="list-style-type: none"> ▪ Zarządzanie wiedzą w organizacjach i gospodarce, Bydgoszcz, 8-10 stycznia 2015, active participant.
2014 YEAR	<ul style="list-style-type: none"> ▪ ECAI 2014, International Conference, 6th Edition, Electronics, Computers and Artificial Intelligence, 23-25 October 2014, Bucharest, Romania, active participant. ▪ XVI Seminarium Problemowe WOD, red. Z. Kierzkowski and W. Olszewski, Łódź, 21-22 February 2014, active participant. ▪ Information technologies in business and education, Warna, Bulgaria, 2014, active participant. ▪ Konferencja Naukowa E-gospodarki, Łódź, 2014, participant. ▪ Centre der Büro- und Informationstechnik (CEBIT), Hanover, Niemcy, March 2009, March 2010, March 2011, March 2012, March 2013, 2014, March 2015, participant.
2014 YEAR	<ul style="list-style-type: none"> ▪ XV Seminarium problemowe WOD, red. Z. Kierzkowski, W. Olszewski, Olsztyn, 17-19 kwietnia 2013, active participant. ▪ XV Seminarium problemowe WOD, red. Z. Kierzkowski, W. Olszewski, Olsztyn, 17-19 kwietnia 2013, active participant. ▪ Doctoral Consortium, Katedra Informatyki Ekonomicznej, Uniwersytet Łódzki, 19-20 September 2013, active uczestnik. ▪ The European Broker Meeting, Ryga, Łotwa, November 2013, participant. ▪ EURO SME 2013, Innovation: A business Opportunity for SMEs, European Commission's FP7 programme, Dublin, Ireland, June 2013, participant. ▪ ISRICH, (The International Society for Research on Innovation and Change in Health Care Systems), University of Pitesti, Romania, May 2013, active participant.
2011 YEAR	<ul style="list-style-type: none"> ▪ 3rd International Conference on Future Computer and Communication (ICFCC). G. Enescu University of Arts, Iasi, Romania, czerwca 2011, participant. ▪ Seminars during EXPO in Korea, COEX Exhibition, participant. ▪ Training for the managing staff. The law on higher education. Ministry of Science and of Higher Education, Gdańsk, 29-30 czerwca 2011. ▪ The 19 National Conference on Electronic Data Interchange (EDI) and Electronic Commerce (EC). Institute of Applied Computer Science Łódź University of Technology, Rochna – Łódź, 16-17 czerwca 2011, active participant. ▪ International Conference: Innovation for eParticipation. Akademia Ekonomiczna (College of Economics) in Poznań, 16 October 2011, participant. ▪ International conference "Borderless eGovernment Services for Europeans". Ministry of Interior, European Commission, Poznań, 17-18 October 2011, participant. ▪ Seminar of Non-Public Colleges of Opole and Wrocław. Wyższa Szkoła Bankowa (Wrocław School of Banking), Wrocław, 17 marca 2011, participant ▪ The 13th seminar – WOD. College of the Computer Science in Łódź, 2011. ▪ Bolognese seminar. The National Framework of Qualification, developing programs of studies on the basis of education results. Państwowa Wyższa Szkoła Zawodowa (State Vocational School of Higher Education), Leszno, 10 marca 2011, participant.
2010 YEAR	<ul style="list-style-type: none"> ▪ Seminars during Asia World-Expo. Asia World-Expo, Hong Kong, 12-15 kwietnia 2010, participant. ▪ Information society issues – the 12th seminar – WOD College of Computer Science in Łódź, 2010, participant. ▪ Seminars and conferences at HKTDC International ICT Expo. HKTDC International ICT Expo, Hong Kong, 13-16 kwietnia 2010, participant. ▪ Seminars and conferences in China Elektronic Technology Annual Conference. China Electronic Technology Annual Conference, Shenzhen, China, 10 kwietnia 2010, participant.
2006-2009 YEARS	<ul style="list-style-type: none"> ▪ The National Scientific Conference "Computer Assistance in Didactics". Polish Association for Medical IT, College of Computer Science in Łódź, Łódź, 25 -27 czerwca 2008, participant. ▪ The Lower Silesian College of Entrepreneurship and Techniques Włocławek, 2009, participant. ▪ The 9th Round-Table Conference "Poland on the way to the information society". Association of Polish

	<p>Electrical Engineers, Warszawa, 16 May 2008, participant.</p> <ul style="list-style-type: none"> ▪ The Xchange conference. CRN, Budapest, Węgry, 5-7 February 2007, participant. ▪ The 11th WOD Seminar: Technologies and the culture of cooperating in the information society. The Lower Silesian College of Entrepreneurship and Technology, Polkowice, 15-16 November 2007, participant ▪ The 7th Round-Table Conference "Poland on the way to the information society". Association of Polish Electrical Engineers, Warszawa, 18 May 2006, participant
Scientific Interships, Grants	
	<ul style="list-style-type: none"> ▪ Training mobility under the program ERASMUS+, wizyta w Laurea University of Applied Sciences, Finland, August 2024 ▪ Training mobility under the program ERASMUS+, Belgrade Business and Art Academy, Serbia, July 2024; ▪ Training mobility under the program ERASMUS+, University of Strasbourg, France, June 2024; ▪ Training mobility under the program ERASMUS+, University of Pavia, Italy, June 2024; ▪ Training mobility under the program ERASMUS+, University of Almeria, Spain, May 2024; ▪ Training mobility under the program ERASMUS+, Technical University of Liberec, Liberec, Czech Republic, October 2023. ▪ Study visit "Leaders in university management under POWER", University of Cambridge, United Kingdom, 17-23 September 2023 ▪ Training mobility under the program ERASMUS+, University of Pitesti, Pitesti, Romania, July 2023. ▪ Internship under the program ERASMUS+, Yeditepe University, Erasmus Staff Week, Istambul, Turkey, 10-14 July, 2023. ▪ The Polytechnic of Portalegre, Portalegre, Portugal, September 2022 ▪ Marwadi University, Rajkot, India, August 2022 ▪ Swami Sahajanand College Of Commerce & Management, Bhavnagar, India, September 2022 ▪ ITC International TEFL certificate s.r.o., lipiec 2021, KPSW Jelenia Góra ▪ Atlantic Language School, Irland, August 2021, UJW Polkowice ▪ Visiting Professor, Marwadi University, Rajkot, India, October 2017. ▪ Visiting Professor, Institute of Technology & Science, Ghaziabad, Nowe Delhi, India, 2018-2019. ▪ Visiting Professor, University of Pitesti, Romania, 2017-2018. ▪ Visiting Professor, Economics University- Warna, Bulgaria, October 2015. ▪ Research internship under the program ERASMUS+, University of Pitesti, Romania, May 2016, May 2015, October 2014, June 2013, September 2012, June 2011, July 2023. ▪ Research internship under the program ERASMUS+, Economic University, Warna, Bulgaria, May 2015. ▪ Research internship under the program ERASMUS, University of Debrecen, Węgry, April 2014. ▪ Research internship under the program ERASMUS+, University of Izmir, Turkey, February 2012. ▪ Research internship under the program ERASMUS+, University of Nicosia, Cypr, February 2012. ▪ Internal grant DWSPiT. Using computer tools (e-society, e-business, e-government) in the development of the information society, The Lower Silesian College of Entrepreneurship and Technology in Polkowice, November 2011
Promoting Diploma Theses	
	<ul style="list-style-type: none"> ▪ Promoter of around 78 engineering theses (Polish) 15 (English) ▪ Supervisor of around 46 MA theses (Polish) 3 (English) ▪ Supporting supervisor in the doctoral thesis 2 (Polish) 2 (English)
Other International Visits	

	<ul style="list-style-type: none"> ▪ Tho campus of FPT Education, The 2023 FPT Education Conference on Business, Economics and Management – FCBEM 2023, Vietnam, November 2023 ▪ Prof. Dr. Şaban Teoman Duralı Bilim ve Sanat Merkezi, Zonguldak, Turkey, March 2023 ▪ Ministry of Science and Technology of Zambia, Lusaka, June 2023 ▪ The Eden University, Lusaka, Zambia, June 2023 ▪ Victoria Falls University of Technology in Livingstone, Zambia, June 2023 ▪ University of Kigali, Rwanda, June 2023 ▪ University of Rwanda, June 2023 ▪ Politeknik Negeri Media Kreatif, Indonesia, February 2023 ▪ BPTI Uhamka, Indonesia, February 2023 ▪ Universitas Udayana, Indonesia, February 2023 ▪ Universitas Dhyana Pura, Indonesia, February 2023 ▪ University of Perpetual Help DALTA, Philippines, February 2023 ▪ University of Batangas, Philippines, February 2023 ▪ Taguig City University, Philippines, February 2023 ▪ State of art and trends of Information Communication Technology in Small Medium Enetrprises, 3rd International Conference on Data Engineering and Communication Technology (ICDECT-2019), Stanley College of Engineering and Technology for Women, Hyderabad, India, 15-16 March 2019, Springer. ▪ Bratislava University of Technology, Slovakia, April 2019. ▪ Szechenyi Istvan University, Győr, Hungary , April 2019. ▪ Óbuda University, Hungary, April 2019. ▪ Technical University of Ostrava, Czech Republic, April 2019. ▪ The Hungarian Rectors’ Conference (HRC), Hungary, April 2019. ▪ Merseburg University of Applied Sciences, Merseburg, Germany, January 2018. ▪ Budapest University of Technology and Economics, Budapest, Hungary, January 2018. ▪ Gujarat Technological University 6th Convocation – As a Special Guest, India, January 2017. ▪ Leadership Talk at our CKSVIM at Vadodara, India, January 2017. ▪ Vadodara Chamber of Commerce and Industries (VCCI), India, January 2017. ▪ Gujarat State Forensic Sciences University, Gandhinagar, India, October, January 2017. ▪ The Maharaja Sayajirao University of Baroda, India, January 2017. ▪ Parul University, India, January 2017. ▪ Marwadi Campus, Rajkot, India, January 2017. ▪ Saurashtra University, Rajkot, India, January 2017. ▪ Shri Sahajanand Group of Colleges, Bhavnagar, India, January 2017. ▪ Economics University, Warna, Bulgaria, May 2015, November 2015. ▪ Gujarat Technological University, Ahmedabad, India, January 2016, January, October 2017, December 2018, March 2019. ▪ Paragone Europe, Malta, December 2016. ▪ Guangzhou University, China, September 2016. ▪ University of Pitesti, Romania, 2013, 2014, 2015, 2016, 2017, 2018. ▪ University of Mandazaran, Babolsar, Iran, May 2017.
	National and International Scientific Organizations
	<ul style="list-style-type: none"> ▪ Member, Informing Science Institute, USA

- Member of program board ICICT 2017 "International Conference on Computational Intelligence & Communication Technologies" at Sonapat, NCR, **India**, 22-23 April, 2017.
- Member of scientific board, 10th International Iranian Operations Research Society conference, 3-5 May 2017 at Babolsar (University of Mazandaran), **Iran**.
- Member of scientific board of the **Polish** Association for Knowledge Management, Poland.
- **Polish** Society of Business Informatics, Poland.
- International Association for Development of the Information Society, IADIS.
- Member of scientific board an academic, scientific journal of the University of Economics – Warna "Izvestiya", **Bulgaria**.
- Member of program board (TPC), 10th **INDIACom-2016**, 3rd International Conference on "Computing for Sustainable Global Development", **India**.
- Member of program board, the International Conference on Emerging Trends and Approaches: Creative Thinking and Innovation in Knowledge based Economy (ETAEC 2015), Pitesti, **Romania**.
- Member of scientific board, the International Conference of the 13th Congress on Knowledge Management – Theory And Practice (KM-TP-2016 Congress), Poland.
- Member rady naukowej czasopisma "Economics and computer science", section: "Knowledge and business", **Bulgaria**.
- Member of program board, CICT 2017 "International Conference on Computational Intelligence & Communication Technologies" at Sonapat, NCR, **India** 22-23 April 2017.
- Member of program board, the International Conference on Emerging Trends and Approaches: Creative Thinking and Innovation in Knowledge based Economy (ETAEC 2016), Pitesti, **Romania**.
- Member of program board, International Conference IEEE, ECAI 2017, **Romania**, June-July 2016.
- Member of program board, International Conference IEEE, ECAI 2017, **Romania**, June-July 2018.
- Member of scientific board, The 10th International **Iranian** Operations Research Society, 3-5 May 2017, Babolsar, **Iran**.
- Member of scientific board, 13th International Conference of **Iranian** Operations Research Society will take place in Shahrood University of Technology (6-9 September 2020)

Co-organization of Scientific Conferences

- **3rd International Conference on Computing and Communication Networks ICCCN-2023**, Manchester Metropolitan University, United Kingdom, 17-18th November, 2023.
- **4th International Conference on Data Analytics & Management (ICDAM-2023)**, London Metropolitan University, London, United Kingdom, 23-24th June, 2023
- **8th ETAEC Conference, Special Edition of 2022: Emerging Trends and Approaches in Knowledge based Economy: Creative Thinking and Innovation in Multi-crisis Environment - Call for Sustainability**, 8-9 December, 2022, University of Pitesti, **Romania**
- **2nd International Conference on Computing and Communication Networks ICCCN-2022**, Manchester Metropolitan University, United Kingdom, 19-20th November, 2022.
- **International Marketing Conference**, Web Technology in Marketing, South **India** Education Society (SIES), Navi Mumbai, **India**, 13 February 2021.
- **Orientation Programme: Step a head**, Swami Sahajanand School of Management, Master in Business Administration (MBA), Bhavnagar (Gujarat) -**INDIA** on dated April 12, 2021.
- **Two Day International Conference**, The influence of COVID-19 on Higher Educational Institutions in Poland Gokhale Education Society's SHRI BHAUSAHEB VARTAK ARTS, COMMERCE, & SCIENCE COLLEGE, BORIVALI WEST, MUMBAI, 21- 22 May, 2021
- **International faculty Development Programme**, Swami Shajanand College of commerce and Managment, Bhavnagar, **India**, 18 June 2021
- **International Conference on Computing and Communication Networks (ICCCN-2021)** will be held at

	<p>Manchester Metropolitan University, Manchester, United Kingdom November 19-20, 2021, Scopus</p> <ul style="list-style-type: none"> ▪ Fourth International Conference on Computational Intelligence and Communication Technologies (CCICT2021), IEEE, Sonapat, India, July 3, 2021 ▪ International conference on data analytics & management : an indo-european conference (ICDAM-2021), Bohopal, Polkowice, 26 June 2021, Springer ▪ Artificial Intelligence and Sustainable Computing for Smart Cities (AIS2C2), Gautam Buddha University, Greater Noida, 22-23 March, 2021, India, Springer ▪ International Conference on Data Science and Management, (ICDSM-2021), Gandhi Institute for Education & Technology, Baniatangi, Bhubaneswar, 19-20 February, 2021, co-organizer, Keynote speaker, Springer ▪ International Conference on Innovations in Information and Communication Technologies (IICT-2020), ITS, Mohan Nagar, Ghaziabad, India, 7-8 November, 2020, co-organizer, Springer ▪ 6 th Emerging Trends and Approaches in Knowledge based Economy - Creative Thinking and Innovation in Multi-crisis Environment, Pitesti, Romania, 27-28 November, 2020, co-organizer, Springer ▪ International Conference, Electronics, Computers and Artificial Intelligence with technical sponsorship of IAS and IEEE (ECAI) , Bucharest, Romania, 25 – 27 June 2020 ▪ 6 th Emerging Trends and Approaches in Knowledge based Economy - Creative Thinking and Innovation in Multi-crisis Environment, Pitesti, Romania, 27-28 November, 2020, co-organizer, Springer ▪ International conference on data analytics & management : an indo-european conference (ICDAM-2020), Haryana, Polkowice, participant, 18 June 2020, co-organizer, Springer ▪ 6 th Emerging Trends and Approaches in Knowledge based Economy - Creative Thinking and Innovation in Multi-crisis Environment, Pitesti, Romania, 27-28 November, 2020, co-organizer, Springer ▪ International Conference, Electronics, Computers and Artificial Intelligence with technical sponsorship of IAS and IEEE (ECAI) , Bucharest, Romania, 25 – 27 June 2020 ▪ 6 th Emerging Trends and Approaches in Knowledge based Economy - Creative Thinking and Innovation in Multi-crisis Environment, Pitesti, Romania, 27-28 November, 2020, co-organizer, Springer ▪ International Conference, Electronics, Computers and Artificial Intelligence with technical sponsorship of IAS and IEEE (ECAI) , Bucharest, Romania, 25 – 27 June 2020 ▪ 6 th Emerging Trends and Approaches in Knowledge based Economy - Creative Thinking and Innovation in Multi-crisis Environment, Pitesti, Romania, 27-28 November, 2020, co-organizer, Springer ▪ International Conference, Electronics, Computers and Artificial Intelligence with technical sponsorship of IAS and IEEE (ECAI) , Bucharest, Romania, 25 – 27 June 2020 ▪ 6 th Emerging Trends and Approaches in Knowledge based Economy - Creative Thinking and Innovation in Multi-crisis Environment, Pitesti, Romania, 27-28 November, 2020, co-organizer, Springer ▪ International Conference, Electronics, Computers and Artificial Intelligence with technical sponsorship of IAS and IEEE (ECAI) , Bucharest, Romania, 25 – 27 June 2020
International Research Projects	
	<ul style="list-style-type: none"> ▪ Team leader in the project "Innovative teaching methodology for Web 3.0, 4.0, 5.0 and Green Internet of Things. Grant in the amount of EUR 100,094 for the promotion of open education in the field of awareness of the important role of the dynamically developing ICT technology in activities for environmental protection and ecology. The aim of the project is to improve the quality of education by familiarizing students and teachers with knowledge in the field of Web 3.0, 4.0, 5.0 and the Green Internet of Things, as well as creating new, innovative digital solutions that can be implemented in schools in the country and abroad. ▪ Acting as a project manager in the field of teaching programs for business computer science. Project implemented under the EU Erasmus Plus program. Project members: UJW in Polkowice, University of Economics ▪ in Wrocław, the University of Economics in Varna (Bulgaria) and Paragon Europe (Malta). Project title: Development of an innovative methodology for teaching business informatics (DIMBI). Budget: EUR 111,000. ▪ International Research Project of Information Communication and Technology in adult education in India and Poland: Current Status and Trends, manager of the project, Marwadi Education Foundation Group in Rajkot, Rajkot, India, 12 February 2017.

- Studies of green IT marketing, manager of the project, Marwadi Education Foundation Group in Rajkot, Rajkot, **India**, 15 February 2015 - 2018.
- Studies of Security Solutions for Business on WEB Poland-**India-Romania-Bulgaria**-Węgry, manager of the project, Marwadi Education Foundation Group in Rajkot, Rajkot, **India**, 14 February 2015 - 2016.
- International Research Project of Information Communication and Technology in adult education in **India** and Poland: Current Status and Trends, manager of the project, Marwadi Education Foundation Group in Rajkot, Rajkot, **India**, 12 February 2015.
- The use of new Information and Communication Technologies in education, business and administration, International scientific project, manager of the project, University of Pitesti, 2014.
- Information Technology in the Knowledge Society, manager of the project, University of Pitesti, 2014.

Awards

- Title of "Lecturer of the Year 2021/2022" of the UJW University
- Supervisor of the best thesis: Fri. "Smart apartment" written by Mr. Jacek Bancierz
- The best speech, 6 th Emerging Trends and Approaches in Knowledge based Economy - Creative Thinking and Innovation in Multi-crisis Environment, Pitesti, **Romania**, 27-28 November, 2020, co-organizer, Springer
- The best presentation , Internet Hate speech – case study of Poland, **Romania, India and Bulgaria**, International Conference, Electronics, Computers and Artificial Intelligence with technical sponsorship of IAS and IEEE (ECAI) , Bucharest, **Romania**, 25 – 27 June 2020
- Recognition award for presenting a scientific article at: 5th International Conference ACCT-2015, RG Education Society (REGD), Rohtak, **India**, February 21-22, 2015.
- Best research paper, 4th International Conference on "Business Ethics for Good Corporate Governance & Sustainability", Gujarat Technological University, Ahmedabad, **India**, February 6, 2015.
- Award of the Rector of the Jan Wyżykowski University, Jan Wyżykowski University in Polkowice, 2008, 2011, 2013, 2014, 2015, 2016, 2017, 2018, 2021, 2022
- The Gold Medal of the Association of **Polish** Electrical Engineers, 2013.
- Award of the Director of Zespół Szkół im. N.Ze in Polkowice, 2008/09, 2009/10, 2011/12

Reviews of Scientific Articles

- ARTIIS 2021: International Conference on Advanced Research in Technologies, Information, Innovation and Sustainability, Salinas, Ecuador, November 25-27, 2021, **Springer**
- TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES, 28 February 2021, Wiley
- CRIC-2021 (4th International Conference on Recent Innovations in Computing, Jammu,
- CCICT2021: Fourth International Conference on Computational Intelligence and Communication Technologies, **IEEE**, Sonapat, **India**, July 3, 2021
- IKIT 2021: The International Workshop on Information and Knowledge in the Internet of Things, Dubai, UAE, November 13-14, **Springer**, 2021
- Computers and Electrical Engineering, **Elsevier**, 2019.
- International Journal of E-Health and Medical Communications, **IGI Global**, 2020
- International Journal of Healthcare Information Systems and Informatics, **IGI Global**, 2020
- International journal of web-based learning and teaching, **IGI Global**, 2020
- The International Journal of Information System Modeling and Design (IJISMD), **IGI Global**, 2020
- Sustainable Computing: Informatics and Systems, **Elsevier**, 2019
- Multimedia Tools and Applications, **Springer**, 2019
- The International Journal of Healthcare Information Systems and Informatics (IJHISI), **IGI**, 2019
- The Special Issue On: Emerging Technologies in E-Commerce and Computing, **IGI**, 2019
- International conference on Electronics, Computers and Artificial Intelligence- ECAI, **Romania**, 2016, 2017,

	<p>2018, 2019, 2020, IEEE, Web of Science</p> <ul style="list-style-type: none"> International Conference on Emerging Trends and Approaches: Creative Thinking and Innovation in Knowledge based Economy (ETAEC), 2015, 2016, 2017, 2018, 2019, 2020, Pitesti, Romania.
Scientific Councils	
	<ul style="list-style-type: none"> The Journal of Electrical Engineering, Electronics, Control and Computer Science – JEECCS https://jeeccs.net/index.php/journal/about/editorialBoardStatic Studies & Proceedings of Polish Association for Knowledge Management- ,S&PPAKM Bydgoszcz, Poland. https://www.pszw.edu.pl/pl/wydawnictwo/rada-naukowa Scientific Journal, Business Informatics, Uniwersytet Ekonomiczny we Wrocławiu Zeszyty naukowe z nauk technicznych, Uczelnia Jana Wyżykowskiego, Polkowice. Scientific Journal Database, Islamic Azad Univeristy, Iran, http://www.iaujournals.ir/?action=article&kw=119042&kw=ICT International Journal of Intelligent Communication, Computing, and Networks (ISSN:2582-7707) https://www.ijiccn.com/index.php/ijiccn/editorial-board Scientific Committee of our journal "Scientific Bulletin - Economic Sciences". http://economic.upit.ro/BS/about.html "Izvestiya", scientific journal of the University of Economics – Varna, Bulgaria http://journal.ue-varna.bg/en/team Journal of Energy Systems, International Advisory Board, Turkey https://dergipark.org.tr/en/pub/jes/board Vedic Math World, http://vedicmathworld.com/magazine/
Others	
	<ul style="list-style-type: none"> Session chair, International Conference IEEE, ECAI 2018, Romania, July 2018. Session chair, International Conference IEEE, ECAI 2017, Romania, July 2017. Session chair, International Conference IEEE, ECAI 2016, Romania, July 2016. Session chair, International Conference IEEE, ECAI 2015, Romania, May 2015. Chair of the session, International Conference IEEE, Technical University of Bucharest, Romania, October 2014. Session chair, 4th International Conference on "Business Ethics for Good Corporate Governance & Sustainability" in Gujarat Technological University, Ahmedabad, India, February 6, 2015 International Conference on Emerging Trends in Information Technology- 2019 (ICETIT-2019), Institute of Information Technology and Management, Janakpuri, New Delhi, June 21-22, 2019.
IT Projects	
	<ul style="list-style-type: none"> Business, in particular SMEs , 2 000 000 Euros Education 1 000 000 Euros Public Administration 4 000 000 Euros
Training Courses	
	<ul style="list-style-type: none"> Professional Manager of E-Business, Obserwatorium Zarządzania (Management Observatory), Warszawa, 2011. Course in English - intermediate level, Miedziowe Centrum Kształcenia Kadr w Lubinie, 2010 Communicative Business English, Intensive training, Advanced level, Mission, Kraków, 2007. Managing the corporate image, WygInternational, Warszawa, 2007. Sale management, WygInternational, Warszawa, 2007. Trade negotiations, WygInternational, Warszawa, 2007. Message Processing Platform, TREND MICRO, SecureDoc Disk Encryption, Phionnetfence Security Gateway, NetKeeper Intrusion Prevention System, DAGMA, Katowice, 2007.

- ESET NOD32, Antivirus System Outpost Firewall, Spy Sweeper, Netasq UTM, DAGMA, Katowice, 2007.
- **English** - intermediate level, NOT, Legnica, 2001/02.
- How to communicate to be properly understood, Zespół Szkół, Polkowice, 2001.
- **English** language for beginners, Subregionalne Centrum Kształcenia, Polkowice 1999-2000.
- Developing the ability of fluent communication in **English**, Subregionalne Centrum Kształcenia, Polkowice, 2000.
- Creating the school system for assessment and examining, Ośrodek Diagnostyki, Egzaminów Szkolnych i Informacji Pedagogicznej, Wrocław, 1999.
- The use of extensive company networks, Ośrodek Szkolenia Informatycznego (Centre for IT Training), Warszawa, 1996.
- Programming in C++, Ośrodek Szkolenia Informatycznego (Centre for IT Training), Warszawa, 1996.
- Training for moderators of the 'visual' technique, Ośrodek Doradztwa i Treningu Kierowniczego, 1995.
- The application of Quattro Pro spreadsheets for the advanced, Ośrodek Szkolenia Informatycznego (IT Training Centre), Jelenia Góra, 1994.
- The application of Quattro Pro spreadsheets, Ośrodek Szkolenia Informatycznego (IT Training Centre), Jelenia Góra, 1993.
- Programming in Pascal, Ośrodek Szkolenia Informatycznego (IT Training Centre), Jelenia Góra, 1993.
- Computer networks in didactics (Net course), Ośrodek Szkolenia Informatycznego (IT Training Centre), Jelenia Góra, 1993.
- Systems of databases use (BD course), Ośrodek Szkolenia Informatycznego (IT Training Centre) in Jelenia Góra, 1993.
- Programming in AC-Logo, Ośrodek Szkolenia Informatycznego (IT Training Centre), Jelenia Góra, 1993.
- Electric measurements, Zakład Doskonalenia Zawodowego, Zielona Góra, 1988/1989

I consent to the processing of my personal data (in accordance with the Act of 10 May 2018 on the protection of personal data (Journal of Laws of 2018, item 1000) and in accordance with the Regulation of the European Parliament and of the Council (EU) 2016/679 of April 27 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46 / EC (GDPR)).