PERSONAL INFORMATION

Dr. Eng. Zdzisław PÓLKOWSKI

NATIONALITY: Polish

COUNTRY: Poland, European Union

LANGUAGE: Polish, English, German, Russian

SEX: Male

DATE OF BIRTH: 21.12.1966

CONTACT DATA

ADDRESS	Lubin
E-MAILS	z.polkowski@polkowski.edu.pl, z.polkowski@compexpert.pl
WEBSITES	www.polkowski.edu.pl, www.compexpert.pl
PHONE	+48 76 8470077
MOBILE PHONE	+48 512084372
SKYPE	zdzislaw_polkowski
WHATSAPP	+48 512084372
VIBER	+48 512084372
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 SCHOOLAR	**Zdzislaw Polkowski**, https://scholar.google.com/citations?user=jrC1HS4AAAAJ&hl=pl&oi=ao
DBLP	**https://dblp.org/pid/186/7437.html**

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**
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 atudies** Wrocla University of Economics and Business Specialization: Microcomputer Systems in Management
1991	**Master's Degree** Pedagocical 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.**
PREFERRED PLACE OF EMPLOYEMENT 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:** • mgr W. Grzelak, University of Economics in Wroclaw **Co-reviewer in doctoral dissertations:** • mgr Prakash Hasmukhbhai Patel, Gujarat Technological University, Ahmedabad, India, • mgr Roshana Thomas, Technological University, Ahmedabad, India, • mgr Shivangi Katiyar, Maharishi Markandeshwar University, India, • mgr Kavita Khathar, Maharishi Markandeshwar University, 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 C IN POLISH	• Management, • IT in Management, • Economic of IT, • Computer Aided Management, • Business Computer Systems, • Computer Systems in Administration, • International Trade, • Running a Business in Poland and the EU, • Logistics and e-logistics, • Ee-marketing, • E-business and E-commerce, • E-administration in Poland and the EU, • Artificial Intelligence, • Information Technology, • Computer Systems in International Relations, • IT Systems in Business, • Computer Networks, • Creating Websites, • Engineering and Master's Seminar, • Techniques and Technologies in Telecommunications, • Computer Graphics and Multimedia, • Preparing a Computer Workstation, • ICT in Improving Virtual Relationships, • Designing e-relations in Administration, • Systems of Intelligent Urban Solutions, • Electronic Communication in Administration, • Web 2.0 company, • Tools for Digitizing Society,
TEACHING CLASSES IN ENGLISH	• Business Intelligence, • Data Warehouse, • International Business Trips, • Project Managament and Team Bulding, • Expert Activities, • Cloud Computing, • Artificial Intelligence, • ICT in business Managament, • International Trade,

- E-marketing,
- Business Informatics,
- E-business and e-commerce,
- Data Organization and Management,
- Doing Business in Poland and EU,
- E-administration in Poland and EU,
- Computer Systems in International Relations,
- Logistics and e-logistics,
- IT Systems in Business,
- Information Technologies,
- Creating Websites and Portals,
- Engineering Designing with the Use of AUTOCAD,
- Graduation Seminar,
- English in Finance and Accounting,
- The Economy and Market of Modern America,
- English in Office, Administration and Business,
- Communication Interfaces,
- Project Management,
- Industry Subject,
- Planning and Production Logistics,
- Computer Methods of Compiling Scientific Data,
- Logistics Management,
- Expert Classes,
- International Business Travel,
- Project Management and Team Building.

Employement

JAN WYŻYKOWSKI UNIVERSITY,
FACULTY OF SOCIAL AND TECHNICAL SCIENCES
UL. SKANIKÓW 6B
59-100 POLKOWICE
OD 01/10/2016

- **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, Odrodzi 21, 59-300 Lubin
- lecturer of 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 superviser,
- 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.

ECONOMIC UNIVERSITY IN WROCLAW

DEPARTMENT OF BUSINESS INTELLIGENCE IN MANAGEMENT
KOMANDORSKA 118/120, 53-345 WROCŁAW

- adjunct professor, lecturer of subjects related to computer science and management,

OD 01.10.2019	
WSG UNIVERSITY IN BYDGOSZCZ INSTITUTE OF INFORMATION TECHNOLOGY AND MECHATRONICS INSTITUT OF ECONOMY AND MANAGEMENT GARBARY 2, 85-229 BYDGOSZCZ OD 01.10.2020	• visiting professor, lecturer of subjects related to computer science and management,
THE KARKONOSZE STATE UNIVERSITY OF APPLIED SCIENCES IN JELENIA GÓRA LWÓWECKA 18, 58-503 JELENIA GÓRA, OD 17.02.2021	• adjunct professor, lecturer of subjects related to management, business and English
COMPEXPERT, ZDZISLAW POLKOWSKI KRZEMIENIECKA 6/U3, 59-300 LUBIN OD 17.07.1990	• 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
ZESPOL SZKOŁ IN POLKOWICE UL. SKALNIKÓW 6, 59-101 POLKOWICE 01.08.1991–01.08.2008 OD 01.09.2020	• certified IT teacher, teacher of subjects related to informatics
SUBREGIONAL EDUCATION CENTER IN POLKOWICE UL. SKALNIKÓW 6, 59-101 POLKOWICE 01.08.1999–01.08.2001	• 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 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	
	▪ Borah, S., Balas, V.E., Polkowski, Z., Lecture Notes on **Data Engineering and Communications Technologies**, 2020, 37, pp. v-vi, **Springer** ▪ 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**

- 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,**

- Polkowski Z., Sambit K. M., , Samarjeet B., Ritesh D., **Artificial Intelligence In Manufacturing And Green Technology, Methods and Aplications,** CRC, 2020

- Om Prakash Jena, Alok Ranjan Tripathy, Zdzislaw Polkowski, **Green Engineering and Technology, Innovations, Design, and Architectural Implementation**, CRC, 2020

Publications

YEAR 2021	1. Switek S., Drelichowski L., Polkowski Z., Evaluation of the Technology Acceptance Model for Lean Six Sigma approach – the main study, International Conference on Data Science and Management, ICDSM-2021, , Gandhi Institute for Education & Technology, Baniatangi, Bhubaneswar, 19-20 February, 2021, Springer
	2. Jyoti Prakash Mishra, Zdzislaw Polkowski, Sambit Kumar Mishra, Samarjeet Borah, Symmetrical performance assessment of large scaled data using meta-heuristic approach, International Conference on Data Science and Management, ICDSM-2021, Gandhi Institute for Education & Technology, Baniatangi, Bhubaneswar, 19-20 February, 2021, Springer
	3. Zdzislaw Polkowski, Sambit Kumar Mishra, Anita Mohanty, Samarjeet Borah, Brojo Kishore Mishra, "Impact of Internet of Things in Social and Agricultural Domains in rural Sector: A Case Study", IJCC(Inderscience Publishing House), Vol-12, Issue-1, 2021
	4. Polkowski Z. , Jyoti Prakash Mishra, Sambit Kumar Mishra Prioritization of complex heterogeneous queries using evolutionary and computational approach, International Conference, Electronics, Computers and Artificial Intelligence, ECAI 2021, Romania
YEAR 2020	5. Jyoti Prakash Mishra, Polkowski Z., Sambit Kumar Mishra, Application and trend with success factor linked to large scaled data : A Case Study, IICT-2020, India
	6. Switek S., Drelichowski L., Polkowski Z., IICT-2020, Empirical evaluation of the revised Technology Acceptance Model for Lean Six Sigma approach – a pilot study, India
	7. R. Jablonska M., Polkowski Z., Internet Hate speech – case study of Poland, Romania, India and Bulgaria, ECAI 2020, IEEE, Romania
	8. Polkowski Z., Suman Sourav Prasad, Jyoti Prakash Mishra and Sambit Kumar Mishra, Evaluation of aggregated query plans using heuristic approach, ECAI 2020, IEEE, Romania
	9. Jyoti Prakash Mishra, Polkowski Z. and Sambit Kumar Mishra, Performance of cloudlets in task implementation using ant colony optimization technique, ECAI 2020, IEEE, Romania
	10. Kierzyk T. , Z. Polkowski, Transformation of Higher Educational Institutions from Distance Learning to the e-learning 5.0: An Analysis, International conference on data analytics & management : an indo-european conference (ICDAM-2020), Haryana, Polkowice, participant, 18 June 2020,
	11. Polkowski Z., Jablonska M., Machine learning approaches for psychological research review, International conference on data analytics & management : an indo-european conference (ICDAM-2020), Haryana, Polkowice, 18 June 2020,
	12. Polkowski Z. , Suman Sourav Prasad, Sambit Kumar Mishra, "Retrieval Mechanisms of Data Linked to Virtual Servers Using Meta-heuristic Technique", Springer Conference, ICDAM-2020
	13. Polkowski Z., Sambit Kumar Mishra, " Concept of Virtualization Linked to Energy Storage and Green Computing: A Case Study", Springer, Advances in Energy Technology(ICAET-2020)
	14. Jyoti Prakash Mishra, Zdzislaw Polkowski, Sambit Kumar Mishra , "Analyzing Performance of Virtualization and Green Computation Applying Firefly Approach", Proceeding of the International Conference on Computing and Communication (IC3 2020), Soft Computing Techniques and Applications", Springer Publishing House, 2020
	15. Sourav Prasad S. , Sambit Kumar Mishra, Retrieval mechanisms of data linked to virtual servers using meta-heuristic technique, International conference on data analytics & management : an Indo-European conference (ICDAM-2020), Haryana, Polkowice, 18 June 2020,
	16. Polkowski Z. , Anita M., Sambit Kumar Mishra., Implementation of Supervised Learning Towards Optimizing Queries in Database Systems, International Journal of Engineering and Advanced Technology (IJEAT), ISSN: 2249 – 8958,
	17. Polkowski Z., Sourav Prasad S. , Sambit Kumar Mishra., Concept of green computation linked to cloudlets:

			A case study, Chapter in " AI in Manufacturing and Green Technology:Methods and Applications"(CRC Press, Taylor & Francis Group). Red. Polkowski Z., Sambit Kumar M., Borah S., Dash R.
		18.	Prakash Mishra J. , Polkowski Z., Kumar Mishra S.., Analyzing performance of virtualization and green computation applying firefly approach,
		19.	Paresh Kumar Patel J., Dilipkumar Gondha N., Prakash Verma J. Polkowski Z., Event triggered share price prediction, International Conference on Evolving Technologies for Computing, Communication and Smart World 2020, C-DAC, Noida, 31 January- 1 February 2020, Springer
		20.	Polkowski Z., Nycz M., Grzelak W., A Framework of Fog Computing for Business, Advances in Data Science and Management - Proceedings of ICDSM, Springer, red.: Borah S., Valentina E., Polkowski Z. , Singapur, 2020
		21.	Polkowski Z., Nycz M., Infrastructure As A Service Cloud Computing Model In Micro Companies, Advances in Data Science and Management - Proceedings of ICDSM, Springer, red.: Borah S., Valentina E., Polkowski Z., Springer, 2020
		22.	Polkowski Z., Sambit K. M., Samarjeet B., Ritesh D., Concept of Green Computation Linked to Cloudlets: A Case Study w: Artificial Intelligence In Manufacturing And Green Technology, Methods and Aplications, CRC, 2020
	2019 YEAR	23.	Switek S., Drelichowski L., Polkowski Z., How much integrated ERP/MES/SCADA/HMI systems support implementation of lean six sigma management concept?, Nowe Delhi, September 2019
		24.	Polkowski Z. Drelichowski L., Dan Nørager M. A., The role of ICT in supply chains in the food sector, SUMEDHA Journal of Management, India, September 2019
		25.	Polkowski Z., Sambit Kumar M., Brojo Kishore M, Samarjeet B., Mohanty A. Impact of Internet of Things in Social and Agricultural Domains in rural Sector: A Case Study, Inderscience Publisher, 2019
		26.	Kumar Singh P., Polkowski Z., Hong W-Ch, Pljonkin A., Guest editor, Special Issue On: Emerging Technologies in E-Commerce and Computing, IGI, 2019
		27.	Jadeja R, Chaturvedi H., Polkowski Z., Verma M. Flux Optimization of DTC Based Induction Motor Drive Using Recurrent Neural Network, Springer Nature Switzerland AG, "Lecture Notes in Electrical Engineering" (LNEE), 605, International Conference on Emerging Trends in Information Technology" (ICETIT-2019) on 21st–22nd June 2019, Nowe Delhi
		28.	Pólkowski Z., Wybrane aspekty wdrażania RODO . Research Bulletin the Jan Wyżykowski University. Studies in Technical Sciences, red. Stanisław Piesiak, Zdzisław Pólkowski, Polkowice, Poland, 2019
		29.	Polkowski Z., Dutta N., Son M., Niculcea M., Social Media in Small and Medium Enterprises. Research Bulletin the Jan Wyżykowski University. Studies in Technical Sciences, red. Stanisław Piesiak, Zdzisław Pólkowski, Polkowice, 2019
		30.	Polkowski Z., Vora J., Tanwar S., Tyagi S , Kumar Singh P., Singhk Y., Machine Learning-based Software Effort Estimation : An Analysis. Article in: Proceedings of The International Conference on Electronics, Computers and Artificial Intelligence, ECAI-28-30 czerwca 2019, Pitesti, Romania, 2018, available w materiałach IEEE Xplore Digital Library and ISI Web of Knowledge.
		31.	Singh .Y., Ahmad Lone J., Polkowski Z., Kumar Singh .P, Tanwar S, Tyagi S., Deploment and coverage in wireless sensor network. A perspective. Article in: Proceedings of The International Conference on Electronics, Computers and Artificial Intelligence, ECAI-28 30 czerwca 2019, Pitesti, Romania, 2018, available w materiałach IEEE Xplore Digital Library and ISI Web of Knowledge.
		32.	Jadeja R., Chaturvedi H., Polkowski Z., Verma M., Makwana J., Flux Optimization of DTC based Induction Motor Drive using Recurrent Neural Network, International Conference on Emerging Trends in Information Technology- 2019, Institute of Information Technology and Management, Janakpuri, Nowe Delhi, 21-22 czerwca, 2019. Springer.
		33.	Surya Kailash B., Pandy K., Polkowski Z., Clustering Based Opinion Mining for Online Shopping- COMO, International Journal of New Innovations in Engineering and Technology, tom 10, wydanie 1, February 2019.
	2018 YEAR	34.	Dutta N., Polkowski Z., Petre A., Onache D. , Impact of ICT in Community SMEs. Article in: Research Bulletin the Jan Wyżykowski University. Local Communities, Interdisciplinary Studies, ed. Włodzimierz Olszewski, Polkowice.
		35.	Pólkowski Z., Blockchain implementation in Small and Medium Enterprises. Article in: Proceedings of the 4rd International Conference on Emerging Trends and Approaches: Creative Thinking and Innovation in Knowledge based Economy (ETAEc 2018), Pitesti, Romania, 9 November, 2017.

36.	Dutta, N, Sarma H. K. D., Polkowski, Z., Cluster based routing in cognitive radio adhoc networks: Reconnoitring SINR and ETT impact on clustering. Article in: Computer communications, pg. 10-20, January 2018, available in ISI Web of Knowledge ISSN: 0140-3664, eISSN: 1873-703X.
37.	Polkowski Z., The Method of Implementing the General Data Protection Regulation in Business and Administration. Article in: Proceedings of The International Conference on Electronics, Computers and Artificial Intelligence, ECAI-2017, 28-30 czerwca, Iasi, Romania, 2018, available in resources IEEE Xplore Digital Library and ISI Web of Knowledge.
38.	Polkowski Z., The Method of Implementation of Information and Telecommunication Technologies In Small And Medium Enterprises. Article in: Proceedings of The International Conference on Electronics, Computers and Artificial Intelligence, ECAI, 28-30 June 2017, Iasi, Romania, 2018, available in resources IEEE Xplore Digital Library and ISI Web of Knowledge.
39.	Jabłońska M. R., Pólkowski Z. Why Do Young People Hate on the Internet?, In: Article in: Fuzzy Information and Engineering and Decision. IWDS 2016. Advances in Intelligent Systems and Computing, Vol 646. Springer, Cham, Cao BY. (red.) availablein resources ISI Web of Knowledge. https://link.springer.com/chapter/10.1007%2F978-3-319-66514-6_18, ISBN 978-3-319-66513-9, ISBN 978-3-319-66514-6
2017 YEAR 40.	Krawiec Ł., Pólkowski Z., Nycz M., Validation of website accessibility, a case study of DIMBI project. Article in: Proceedings of The International Conference on Electronics, Computers and Artificial Intelligence, ECAI-2017, Targoviste, Romania, 29 June- 01 July 2017, available in resources IEEE Xplore Digital Library and ISI Web of Knowledge, ISSN: 2378-7147, ISBN: 978-1-5090-6458-8.
41.	Pólkowski Z., Savulescu C., An approach for system identification using Artificial Intelligence. Article in: Proceedings of The International Conference on Electronics, Computers and Artificial Intelligence, ECAI-2017, Targoviste, Romania, 29 czerwca-01 July 2017, available in resources IEEE Xplore Digital Library and ISI Web of Knowledge, ISSN: 2378-7147, ISBN: 978-1-5090-6458-8.
42.	Baser S., Kerav Pandya K., Pólkowski Z., Hybrid teaching method in business informatics. Article in: Proceedings of The International Conference on Innovative Teaching Methods ITM 2017, Economic University-Warna, Bulgaria, available online: https://www.researchgate.net/publication/324969427_HYBRID_TEACHING_METHOD_IN_BUSINESS_INFORMATICS?_sg=J4kimwpII194io73e6b48IM18_5kTgTXh7hOVMI-ODispy9OqYNYIn72XekcbS-IubECu8HZEiAX_NuLOM7eG7MykJkS7AiBt0NwIKQb.BbI4Ikhcx5zHeYcOPZjDdKzAA6VeWrKy7Icq3_-5wuL3cXRF-gKGr5JnqhpF7zz2u7biGSMde7KTqKFJdWyiYQ
43.	Pólkowski Z., Khajuria R., Rohadia S., Big Data implementation in SMEs in India and Poland. Article in: Proceedings of 3rd International Conference on Emerging Trends and Approaches: Creative Thinking and Innovation in Knowledge based Economy (ETAEc 2017), Pitesti, Romania, 10 November, 2017.
44.	Pólkowski Z. Dysarz J., IT security management in SMEs, Article in: Proceedings of 3rd International Conference on Emerging Trends and Approaches: Creative Thinking and Innovation in Knowledge based Economy (ETAEc 2017), Pitesti, Romania, 10 November, 2017
45.	Marambei N., Niţi D., Chiţu F., Ovadiuc V., Improving business processes by Cloud Computing in SMEs. Article in: Research Bulletin the Jan Wyżykowski University. Studies in Technical Sciences, red. Stanisław Piesiak, Zdzisław Pólkowski, Polkowice, Poland, available online: http://rb.ujw.pl/technical/wp-content/uploads/sites/3/2017/11/Zeszyty-techniczne-srodkiDRUK.pdf.
46.	Jabłońska M. R., Pólkowski Z., Artificial intelligence-based processes in SMEs. Article in: Studies & Proceedings of Polish Association for Knowledge Management. T 86. Bydgoszcz , Poland, 2017, available online: http://www.pszw.edu.pl/images/publikacje/t086_pszw_2017_jablonska_polkowski_-_artificial_intelligence-based_processes_in_smes.pdf, ISSN 2451-4543.
47.	Pólkowski Z., Nitul D., Savulescu C., A hybrid business model framework for IoT. Article in: Studies & Proceedings of Polish Association for Knowledge Management. T 86.Bydgoszcz , Poland, 2017, available online: http://www.pszw.edu.pl/images/publikacje/t086_pszw_2017_polkowski_dutta_savulescu_-_a_hybrid_business_model_framework_for_Iot.pdf, ISSN 2451-4543.
48.	Pólkowski Z., Nycz M., Distance Management of SMEs Using ICT Solutions, Iranian Journal of Optimization, Volume 9, Issue 1, 2017, pg. 1-12, available online: http://ijo.iaurasht.ac.ir/article_529145_d1bfe68e8bb29997ade9757ad9f14342.pdf, ISSN: 2008-5427
2016 YEAR 49.	Pólkowski Z., Savulescu C., Nitul D., Collaborative Data Management for Business - A review of collaborative techniques. Article in: Proceedings of The International Conference on Electronics, Computers and Artificial Intelligence, ECAI-2016, Ploiesti, Romania, 30 czerwca -2 July 2016, available in resources IEEE Xplore Digital

Library and ISI Web of Knowledge, ISSN: 2378-7147, ISBN: 978-1-5090-2047-8.

50. Pólkowski Z., Zając D., Vasilev J., Arnautu L., A content analysis of existing educational portals for teaching data warehouse and business intelligence. Article in: Proceedings of The International Conference on Electronics, Computers and Artificial Intelligence, ECAI-2016, Ploiesti, Romania, 30 June – 2 July 2016, available in resources IEEE Xplore Digital Library and ISI Web of Knowledge, ISSN: 2378-7147, ISBN: 978-1-5090-2047-8.

51. Pólkowski Z., Nycz M., Zając D., The graduate profile in the field of informatics and business informatics in the context of labour market needs. Chapter in: Scientific Papers of The Polish Information Processing Society Scientific Council, The Polish Information Processing Society, Warsaw, 2016, ISBN 978-83-65750-01-3.

52. Pólkowski Z., Savulescu C., Nitul D., Shtefanitsa M., Mobile Solutions in Small and Medium Enterprises. Article in: Proceedings of The International Conference on Electronics, Computers and Artificial Intelligence, ECAI-2016, Ploiesti, Romania, 30 June - 2 July, 2016, available in resources IEEE Xplore Digital Library and ISI Web of Knowledge, ISSN: 2378-7147, ISBN: 978-1-5090-2047-8.

53. Polkowski Z., The scope of conditions for remote provision of software services in SMEs. Chapter in a monograph: Virtual organization of activities in the information society, Publishing House of the Organizer House, Warsaw 2016, pg. 117-144, ISBN 978-83-7285-803-0.

54. Pólkowski Z., Vasiliev J., Ghandi R., ICT Green Ecosystem. Article in: Studies and Proceedings Of Polish Association For Knowledge Management, BEL Studio, Bydgoszcz, 2016, pg. 61-73, available online: http://www.pszw.edu.pl/images/publikacje/t082_pszw_2016_polkowski_vasilev_ghandi_-_ict_green_ecosystem.pdf , ISSN 2451-4543.

55. Pólkowski Z., Moroz M., The last mile issue and the urban logistics: choosing a parcel machines in the context of the ecological attitudes of the Y generation consumers purchasing. Article in: Transportation Research Procedia, Volume 16, Elsevier, Netherlands, 2016, pg. 378-393, available in resources ISI Web of Knowledge, ISSN: 2352-1465.

56. Pólkowski Z., Pachla K., An analysis of selected e-learning systems. Article in: Research Bulletin the Jan Wyżykowski University. Studies in Technical Sciences, ed. Stanisław Piesiak, Zdzisław Pólkowski, Polkowice, Poland, available online: http://yadda.icm.edu.pl/yadda/element/bwmeta1.element.baztech-09f5eb14-4ffb-4b07-bf36-382c6e40af64.

57. Polkowski Z., Nycz M., Business Intelligence as a Modern IT Supporting Management of Local Government Units in Poland. Article in: International Journal of Knowledge and Systems Science Volume: 7, Issue: 4, pg. 1-18, Hong Kong, October-December 2016, available in resources ISI Web of Knowledge, ISSN: 1947-8208, eISSN: 1947-8216.

58. Nitul D., Polkowski Z., Savulescu C., Grid based Routing in Cognitive Radio Networks for Concurrent Communication. Article in: Ninth International Conference on Contemporary Computing (IC3), pg. 19-24, Noida, India,11-13 August 2016, available in resources ISI Web of Knowledge ISSN: 2572-6110, ISBN: 978-1-5090-3251-8.

59. Nitul D., Polkowski Z., Savulescu C., Pathak S., An approach to signaling cost reduction in Proxy MIPv6 for mobility management, Proceedings of The International Conference ICACCI, Jaipur, India, 21-24 September, 2016, available in resources IEEE Xplore Digital Library and DBLP Computer Science Bibliography, ISBN: 978-1-5090-2028-7.

60. Nycz M., Pólkowski Z., Big Data applications in SMEs, Article in: Proceedings of 2nd International Conference on Emerging Trends and Approaches, (ETAEc 2016), Pitesti, Romania, 12-13 November 2016.

61. Polkowski Z., Dysarz J., An Analysis of the Legal, Economic and Technical Aspects of Carpooling Systems, Article in: Proceedings of 2nd International Conference on Emerging Trends and Approaches, (ETAEc 2016), Pitesti, Romania, November 12-13, 2016, Pitesti, Romania.

62. Polkowski Z., Constantin D., Raducu I., Blidaru C., The Integration of BI, ERP and CRM System. Article in: Research Bulletin the Jan Wyżykowski University. Studies in Technical Sciences, ed. Stanisław Piesiak, Zdzisław Pólkowski, Polkowice, Poland,   available online: http://yadda.icm.edu.pl/yadda/element/bwmeta1.element.baztech-4b53ed4a-036c-424d-abbc-9371921f557a;jsessionid=91EC8E1562A16C56BAD4EF183C5C3466

2015 YEAR

63. Pólkowski Z., Ethical Issues in the Use and implementation of ICT. Article in Sankalpa: Journal of Management & Research, Gujarat Technological University, Ahmedabad, India, 2015, pg. 2-7, ISSN 2231-1904.

64. Pólkowski Z., Vasiliev J., Niedzwiedzinski M., Saulean R. A., E-procurement in Poland, Bulgaria and Romania,

an analysis of legal aspect Article in: Studies And Procedings Of Polish Association For Knowledge Management, BEL Studio, Bydgoszcz, 2015, pg. 49-60, ISSN 1732-324X.

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2014 YEAR	84.	Pólkowski Z., Nycz M., Wspomaganie procesu decyzji na szczeblu samorządu terytorialnego z wykorzystaniem technologii Business Intelligence. Chapter in monography: Systemy wspomagania organizacji, SWO 2014, Wydawnictwo Uniwersytetu Ekonomicznego w Katowicach, Katowice 2015, pg. 71-82, ISBN 978-83-7875-270-7.
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2013 YEAR	93.	Pólkowski Z., Walczak M., The e-health systems in Poland. Article in: Scientific Bulletin - Economic Sciences, University of Pitesti, Romania, 2013, pg. 54-66, ISSN-L 1583-1809.
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	95.	Pólkowski Z., Deaconescu I. C., Online Payment Systems. Article in: Studia z Nauk Technicznych, Zeszyt nr 2, Wydawnictwo DWSPiT Polkowice, 2013, pg. 9-28, ISSN 2299-3355.
	96.	Pólkowski Z., Gruber J., Deaconescu I. C., E-Fraud. Article in: Studia z Nauk Technicznych, Zeszyt nr 2, Wydawnictwo DWSPiT Polkowice, 2013, pg. 29-46, ISSN 2299-3355.
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z nauk społecznych Zeszyt nr 4, red. M.S. Wolańskiego, Wydawnictwo DWSPIT Polkowice, 2011, pg. 57-79, ISSN 2082-7547.

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w: Informatyka w szkole, XVIII Konferencja Informatyka w Szkole red. M.M. Sysło, Ministerstwo Edukacji Narodowej i Sportu, Instytut Informatyki Uniwersytetu Wrocławskiego, Uniwersytet Mikołaja Kopernika w Toruniu, Toruń, 2002, pg. 331-335, ISBN 83-917081-1-X.

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	121. 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.

<div align="center">Keynote speaker</div>

1.	International Marketing Conference, **Web Technology in Marketing**, South India Education Society (SIES), Navi Mumbai, India, 13 February 2021.
2.	International conference on Computational Intelligence andComputing (ICCIC- 2020ne), **IoT in Business and Education Technology,** S R Group of Institutions, Jhansi, 19-20 February, 2021, Springer
3.	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, co-organizer, Springer
4.	International Conference on Applications of Networks, Sensors and Autonomous Systems Analytics (ICANSASA-2020), **Blockchain Inplementation in SMEs**, JIS College of Engineering, Kalyani, West Bengal, India, 11-12 grudnia 2020, **Springer**
5.	Live International Faculty Development Programme, Recent Trends In Science & Technology, Suresh Gyan Vihar University, India, 16 June, 2020
6.	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 & managament Group, India, 2-4 July, 2020, **Springer**
7.	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**
8.	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
9.	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
10.	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, kyenote speaker, **Springer**
11.	4th International Conference on Micro-Electronics and Telecommunication Engineering (ICMETE-2020**), ICT in public administration in Poland**, India, 26-27 September, 2020, **Springer**
12.	Webinar: Effective use of ICT In Buisness & Education, Institue of Information Technology & Manegment, India, 8 June, 2020,
13.	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,
14.	Online One Day International Conference, Temat wystąpienia: **How Polish companies are pushing through the pandemic**, 19 May, 2020, Shah n. h. Commerce College, Valsad, Bulsar, Gujarat, India,
15.	International Webinar series "Putting your business through the pandemic" Department of Commerce,

Swami Sahajanand College of Commerce & Management, Bhavnagar, India,

16. Webinar, **Effective use of ICT in business and education** Computer Science department of IITM, Nowe Delhi, India. 8 June 2020

17. 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,

18. **The role of ICT in business** B.M. Institute of Engineering and Technology, Sonipat, 20 February 2020.

19. **Role of ICT and Internet of Things in Technical education,** SRM Institute of science and technology, NCR Campus, Modnigar, 19 February 2020.

20. **Cloud Computing and IoT in Business,** Galgotias University, Greater Noida, 17 February 2020.,

21. 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,

22. International Conference on Pervasive Computing- 2020 (ICPC - 2020), Kashibai Navale College of Engineering, Pune 13 February, Chair session, Keynote speaker. Temat wystąpienia: Virtual solutions of business.

23. 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,

24. 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.

25. An International Conference on Digitalization of Managment and Social Sciences, **From Web 1.O to Web 5.O In business,** Yapee Institute of Information Technology, Noida, 7-8 February 2020, chair session

26. 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,

27. Ganpat University, Ahmedabad, India 16 February 2015, speaker. **Business Informatics in Europe and Poland,**

28. Multidisciplinary International Conference, GTU, Ahmedabad, India, 14 March 2019.

29. 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

30. 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,

31. Second International Conference On Computing and Communications, **Machine learning in business,** Sikkim, India, 23-24 March 2018, Springer

32. International Conference on Forensic Sciences and Cyber Security (INFORSECON 2017, Gujarat Forensic Sciences University Gandhinagar India, 6-7 October 2017.

33. GTU Conference on "Enhancing Economic Productivity and Competitiveness through Financial & Monetary Reforms" Ahmedabad, India, 6-7 October 2017.

34. International Conference on Digital Marketing at SIES, Navi Mumbai, India, January 2017.

35. International Conference on Mathematics and Computer Sciences, Guangzhou, China, 21-24 September 2017.

36. Ganpat University, Ahmedabad, India, 16 February 2015, **Integration of ERP systems**,

37. Ganpat University, Ahmedabad, India, 16 February 2015, **Challenges in Implementation e-services in business**,

38. National Institute of Cooperative Management Society (NICM Society), Gandhinagar, India, February 2015, speaker. **Cloud computing in SMEs,**

39. Gardi Vidyapith, Rajkot – Kalawad Highway, Gujarat, India, February 2015, speaker. **ICT in Poland and**

Europe,

40. School of Engineering RK University, **Business Opportunity in Poland and Career opportunity in Cloud Computing,** Rajkot, India, February 2015

41. Ganpat University, **Business Informatics in Europe and Poland,**Gujarat, Ahmedabad, India, 17 February 2015,

42. Shri Sunshine Educational Trusts' Group of Institutions, **DSS and GDSS Systems,** , Rajkot, India, 11 February 2015,

43. Computer Engineering Department, Marwadi Education Foundation Group in Rajkot, **Security and Cyber Crime in Business**, Rajkot, India, 9 February 2015

44. Computer Engineering Department, Marwadi Education Foundation Group in Rajkot **E-business in Poland and Europe,** Rajkot, India, 10 February 2015

45. Management Department, Marwadi Education Foundation Group in Rajkot, **Innovations in Business in Poland and European Union Countries,**Rajkot, India, 9 February 2015

46. Computer Application Department, Marwadi Education Foundation Group in Rajkot, **Security of Communications and Information Technology,** Rajkot, India, 10 February 2015,

47. Marwadi Education Foundation Group in Rajkot **Business innovation in Poland and in the European Union,** Rajkot, India, 9 February 2015

48. 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.**

49. Paradigm Shift in Management Competencies for Pluralistic Workplaces: Changing scenario of Management Education, Latur, India, 27-28 September 2019.

50. Multidisciplinary International Conference, GTU, Ahmedabad, India, 14 March 2019.

51. Second International Conference On Computing and Communications, Central University Of Jammu, India, 8-9 marca 2019, **Springer**, special guest.

52. International Conference on Data Science and Management, Gandhi Institute for Education and Technology, Bhubunaswar, India, 21-24 February 2018, , chief guest.

53. 4th International Conference HERE 2018, Bhavnagar, India, 24 November 2018,

54. International Research Conference on Future Challenges of Higher Education in India, Mumbai, India, 1 December 2018,

55. International Conference onHarmony Through Education, Ahmedabad, India, 2-3 December 2018,

56. 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**,

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 Mathematics and Computer Sciences, Guangzhou, Chiny, 21-24 September 2017,

60. Second Conference on innovative teaching methods, (ITM 2017), Warna, Bulgaria, 28-29 czerwca 2017,

61. The 10th International Conference of Iranian Operations Research Society, Babolsar, Iran, 3-5 May 2017,

62. ITABI 2017, 8-9 May 2017, Wrocław,

63. The first International Conference on industrial management organized by Iran Institute of industrial management, Teheran, Iran, 14-15 May 2016,

64. International Conference on Mathematics and Decision Science, 12-15 September, Guangzhou, China.

65. The first International Conference on industrial management organized by Iran Institute of industrial management, Teheran, Iran, 14-15 May 2016.

66. The International Conferenceon Emerging Trends and Approaches: Creative Thinking and Innovation in Knowledge based Economy (ETAEc 2015), Pitesti, Romania.

67. 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
2020 YEAR	▪ 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	▪ Where Sturtup Meets Investors, Shaheed Sukhdev College of Business Studies, New Delhi, Delhi, India, 21 February, expert
	▪ Iternational Conference on Smart Sutainable Intelligent Computing and Application (ICITETM – 2020), Maharaja Agrasem 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	▪ 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, Tokjo, 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, Tokjo, Japonia, February 2019, wystąpienie
2018 YEAR	▪ 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	▪ 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	▪ XVII Seminarium Problemowe WOD. DWSPiT Polkowice, Polkowice, 6-8 Maya 2015, participant.
	▪ Zarządzanie wiedzą w organizacjach i gospodarce, Bydgoszcz, 8-10 stycznia 2015, active participant.
2014 YEAR	▪ ECAI 2014, International Conference, 6th Edition, Electronics, Computers and Artificial Intelligence, 23-25 Octobera 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, Łodź, 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	▪ 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 uczestnk.
	▪ 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	▪ 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 Octobera 2011, participant. ▪ International conference "Borderless eGovernment Services for Europeans". Ministry of Interior, European Commission, Poznań, 17-18 Octobera 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	▪ 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	▪ 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 Electrical Engineers, Warszawa, 16 Maya 2008, participant. ▪ 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	
	▪ 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. ▪ Research internship under the program ERASMUS+, Economic University, Warna, **Bulgaria**, May 2015. ▪ Research internship under the program ERASMUS, University of Deberecen, **Węgry**, April 2014. ▪ Research internship under the program ERASMUS+, University of Izmir, **Turcja**, 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** | |

	• Promoter of around 78 engineering theses.
	• Supervisor of around 45 MA theses.
	• Supporting supervisor in the doctoral thesis

| **Other International Visits** | |

- 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 marca 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** | |

- Członek, Informing Science Institute, USA

- Member of program board ICICT 2017 "International Conference on Computational Intelligence & Communication Technologies" at Sonepat, 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.

- Członek 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 Sonepat, 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

- **International Conference on Data Science and Management,** ICDSM-2021, Gandhi Institute for Education & Technology, Baniatangi, Bhubaneswar, 19-20 February, 2021, co-organizer, **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

- 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

- 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.

- The Gold Medal of the Association of Polish Electrical Engineers, 2013.

- Award of the Director of Zespol Szkol im. NZE in Polkowice, 2008/09, 2009/10, 2011/12

Reviews of Scientific Articles

- 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,

2018, 2019, 2020, **IEEE**, **Web of Science**

- 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

- **The Journal of Electrical Engineering, Electronics, Control and Computer** Science – JEEECCS
https://jeeeccs.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

- 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

- Business, in particular SMEs

- Education

- Public administration

Training Courses

- 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 Diagnozy, 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