

Assoc. Prof. Dr. Mehmet Başaran

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Research Focus

- Σ STEM Education, program development, teacher education, international schools.

Education Background

- Σ Minnesota University, Postdoc [2024*...]. STEM Education Center Learning and Environmental Sciences. Chair: Prof. Dr. Gillian Roehrig
- Σ Gaziantep University. Ph.D. [2018]. Curriculum & Instruction. Dissertation: *The Applicability of STEM Approach in Preschool Education [Action Research]*. Chair: Prof. Dr. Erdal Bay.
- Σ Bilkent University. M.S. [2013]. Curriculum & Instruction with Teaching Certificate. Thesis: *A Survey of Mathematical Knowledge and Skills Needed in Electrical-Electronics and Computer Engineering for Differentiated High School Mathematics Curriculum*. Chair: Assoc. Prof. Dr. İlker Kalender
- Σ University of Cambridge [2013, January-March], Part of M.S. in Bilkent University [2013]. Curriculum & Instruction with Teaching Certificate PGCE Secondary Mathematics-Faculty of Education-England
- Σ Gibtu University. B.S. [2023*...]. Computer engineering.
- Σ Anadolu University. B.A. [2013]. Economics.
- Σ **Hacettepe University. B.S. [2011]. Mathematics.**
- Σ Fitnat Nuri Tekerekoğlu Anadolu Lisesi. [2005]. Lise diploma.

Academic Experience

- Σ Gaziantep University. Assoc. Professor. [2022* ...]. Faculty of Education. Curriculum & Instruction.
- Σ Gaziantep University. Asst. Professor. [2019-2022]. Faculty of Education. Curriculum & Instruction.
- Σ Gaziantep University. Inst. [2015-2019]. Rectorate.
- Σ Zielona Gora University. Visiting professor. [2022 Summer]. Education Faculty. Poland.
- Σ Hasan Kalyoncu University. Visiting professor. [2022 Fall]. Education Faculty. English teacher education.
- Σ Jordan University. Visiting professor. [2022 Summer]. Education Faculty. Jordan.

School Experience

- Σ Private SANKO Science and Technology High School [2012-2015], Mathematics Teacher
- Σ St. Edmund's School, Canterbury, England, Mathematics Teacher, Internship
- Σ Linton Village College, Cambridge, England, Mathematics Teacher, Internship
- Σ TED Foundation High School, Ankara, Mathematics Teacher, Internship
- Σ VKV Koç High School, Istanbul, Mathematics Teacher, Internship
- Σ Bilkent Laboratory and International Schools [BLIS], Ankara, Mathematics Teacher, Internship
- Σ IDV Private Bilkent High School, Ankara, Mathematics Teacher, Internship
- Σ IDV Private Bilkent Primary School, Ankara, Mathematics Teacher, Internship

Certificates

- Σ Bilkent University [2013], International Baccalaureate [IB] Teaching Certificate, Ankara
- Σ Bilkent University [2013], Mathematics Teaching Pedagogical Formation Certificate, Ankara
- Σ TÜBİTAK [2013], TÜBİTAK Research Projects Consultancy Certificate
- Σ European Schoolnet [2016], Scientix Project Türkiye Representation Certificate, Brussels-Belgium
- Σ Turkish Standards Institute [2017], Quality Management System ISO 9001:2015 [Quality Certification]
- Σ Turkish Standards Institute [2017], Quality Management System ISO 9001:2015 [Internal Audit]
- Σ Turkish Standards Institute [2017], Quality Management System ISO 9001:2015 [Risk Based Process]
- Σ Turkish Standards Institute [2017], Quality Management System ISO 9001:2015 [Documentation]

Awards

- Σ Gaziantep University [2023], Science Award-Social Sciences Maximum Incentive Points
- Σ TÜBİTAK [2014], Secondary School Students Research Projects Competition Turkey 4th place [Consultant]
- Σ TÜBİTAK [2015], Secondary School Students Research Projects Competition Turkey 1st place [Consultant]

Citations [h-index]

- Σ [ORCID: https://orcid.org/0000-0003-1871-520X](https://orcid.org/0000-0003-1871-520X)
- Σ [Google Scholar: 946 \[16\]](https://scholar.google.com/citations?user=...), [Scopus: 27\[4\]](https://scopus.com/authorities/...), [Web of Science: 23\[4\]](https://www.webofscience.com/...).

Company

1. **Başaran, M.** [2023]. Founder of Dünyatek Bilişim Teknoloji A.Ş. [Dünyatek Information Technology Inc.] <https://www.dunyatek.com.tr/> and <https://www.dunyatek.com>.

Scholarly Activities¹

Scholarly Activities: Peer-reviewed articles.

1. **Başaran, M.,** Özalp, G., Kalender, İ., & Alacaci, C. [2015]. Mathematical knowledge and skills expected by higher education in engineering and social sciences: implications for high school mathematics curriculum. *Eurasian Journal of Mathematics, Science, and Technology Education*, 11[2], 405-420. [SSCI-Q2]
2. Kalyenci, D., Metin, Ş., & **Başaran, M.** [2021]. Test for assessing coding skills in early childhood. *Education and Information Technologies*, 27 [4], 4685-4708. [SSCI-Q1]
3. Vural ÖF, **Başaran M,** Demirtaş Z, Karamanlı AR, & Bayrakçı C [2022] Students' "COVID-19" and "school" perceptions in the pandemic. *Front. Psychol.* 13:897177. [SSCI-Q1]
4. **Başaran, M.** & Bay, E. [2023]. The effect of project-based STEAM activities on the social and cognitive skills of preschool children, *Early Child Development and Care*, [SSCI-Q2]
5. **Başaran, M.** & Candan, F. [2023]. A meta-thematic analysis of using technology-mediated gamification tools in the learning process. *Interactive Learning Environments*, [SSCI-Q1]
6. Metin, Ş., **Başaran, M.,** Kalyenci, D., & Relkin, E. [2024]. Adaptation of the computational thinking skills assessment tool [TechCheck-K] in early childhood. *Journal of Science Education and Technology*. [SSCI-Q1]
7. **Başaran, M.,** Metin, Ş., & Vural, Ö. M. [2024]. Meta-thematic synthesis of research on early childhood coding education: A comprehensive review. *Education and Information Technologies*. [SSCI-Q1]
8. Metin, Ş., **Başaran, M.,** Kalyenci, D., Bilir, B., & Relkin, E. [2024]. Design-based learning-digital story preparation [DBL-DSP]: Enhancing coding and computational thinking skills in early childhood education *Early Childhood Education*. [SSCI-Q1]
9. **Başaran, M.** & Duman, C. [2024]. Dialogues with Artificial Intelligence: Exploring Medical Students' Perspectives on ChatGPT, *Medical Teacher*. [SSCI-Q1] [in review]
10. Taşkın, M. & **Başaran, M.** [2024]. Exploring the Impact of Robotics and Coding Education on Cognitive Development and Problem-Solving Skills *. *Technological Forecasting & Social Change*. [SSCI-Q1] [in review]
11. **Başaran, M.** & Vural, Ö. M. [2024]. Perception of teachers towards STEAM and inquiry-based teaching after STEAM activities training. *Sage Open*. [SSCI-Q2] [in review]
12. **Başaran, M.,** Metin, Ş., & Vural, Ö. M. [2024]. Early coding education and its multidimensional impact on preschool development: An analysis of ChatGPT's insights. *Education and Information Technologies*. [SSCI-Q1] [in review]
13. **Başaran, M.,** Metin, Ş., & Vural, Ö. M. [2024]. Unveiling the landscape of project-based learning in early childhood: insights from meta-thematic analysis. *Educational Studies*. [SSCI-Q1] [in review]
14. **Ayhan, M., Başaran, M.,** Metin, Ş., & Kalyenci, D. [2024]. Exploring the landscape of artificial intelligence education for early childhood: a systematic review and framework analysis. *International Journal of Educational Research*. [SSCI-Q1] [in review]
15. **Başaran, M.** & Vural, Ö. M. [2024]. The Plights of West-African Students in Turkish Universities: A Case Study of Gaziantep University. *International Journal on Lifelong Education and Leadership*. [H. W. Wilson]
16. **Başaran, M.** & İltter, M. [2023]. Investigation of the relationship between teachers' inquiry-based teaching self-efficiency for STEM+S and their computational thinking skills *Research on Education and Media*. [ERIC]
17. Vural, Ö., & **Başaran, M.** [2020]. The reasons for teachers' preference for master's degrees. *International Journal of Curriculum and Instruction [IJCI]*. [ERIC]
18. Bay, E., Başaran, M., & Döş, B. [2020]. Reasons for gaining and losing the popularity of a paradigm? Why? How? *Psycho-Educational Research Reviews [Perr]*. [ERIC]
19. Yıldırım, İ., Başaran, M., Cüçük, E., & Yokuş, E. [2018]. Development of inquiry-based teaching self-efficacy scale for STEM+S education: Validity and reliability study. *International Online Journal of Educational Sciences*, 10 [3], 40-55. [H. W. Wilson]
20. Ulaş, S., Kurt, H. İ., Bayındır, S., Özgül, C., Vural, Ö. F., & Başaran, M. [2021]. Teachers' metaphoric perceptions of Covid-19 and school in the process of Covid-19. *Psycho-Educational Research Reviews [Perr]*. [ERIC]
21. **Başaran, M.,** Dursun, B., Gür Dörtok, HD, & Yılmaz, G. [2020]. Evaluation of Preschool Education Program According to CIPP Model. *Pedagogical Research [PEDRE]*, [ERIC]

22. **Bařaran, M.** ˆzdemir, O., & Can, S. [2020]. The 8th-grade English curriculum is evaluated According to the context, input, process, and product [CIPP] model. *E-International Journal of Educational Research*, [HW Wilson]
23. Vural, ˆ. F., Altıparmak, E., Aras, SE & **Bařaran, M.** [2022]. Analysis of High School Students' Perceptions of School in the Covid-19 and Covid-19 Process through Metaphors. *Abi Evran University Kırřehir Journal of Faculty of Education*, 23 [1], 1161-1220. [H. W. Wilson]
24. **Bařaran, M.** [2021]. Meta-thematic analysis of flipped classroom applications. *European Journal of Educational Studies*, 8 [10], 61-88. [ERIC]
25. Akcan, E., & **Bařaran, M.** [2022]. Development of inquiry skills scale for life studies: Validity and reliability study. *Pedagogical Research*, 7 [4], em0135. [ERIC]
26. Durucu, AS, & **Bařaran, M.** [2022]. Investigation of the relationship between teachers' self-efficacy in inquiry-based teaching for STEM+S and teaching 21st-Century skills. *Journal of Innovative Research in Teacher Education*, 3 [3], 339-362. [H. W. Wilson]
27. Metin, S., **Bařaran, M.**, & Kalyenci, D. [2023]. Examining coding skills of five-year-old children. *Pedagogical Research*, 8 [2]. [ERIC]
28. **Bařaran, M.**, Uygur, E., & Eř, H. [2023]. Nuclear sciences school for science teachers. *Abant İzzet Baysal University Faculty of Education Journal*. [TR Index]
29. Kara, V & **Bařaran, M.** [2022]. Investigation of the attitudes of primary school teachers towards refugee students. *Anemon Muř Alparslan University Journal of Social Sciences* , 10[3], 981-1001 [TR Index]
30. **Bařaran, M.** & Candan, F. [2023]. Doęan Cũceloęlu's educational philosophy in the context of his speeches and works. *E-Kafkas Journal of Educational Research*. [TR Index]
31. Bařaran, M., Nacar, E., Aksay, G., Tũfekçi, H. & Vural, ˆ. F. [2022]. Teacher Opinions on the Applicability of Augmented Reality [Ag] Applications in Preschool Period. *Mehmet Akif Ersoy University Journal of Faculty of Education*, [62], 135-157. [TR Index]
32. ˆzyurt, M., Kuřdemir Kayıran, B., & **Bařaran, M.** [2018]. Analysis of primary school students' attitudes towards STEM in terms of various variables. *International Periodical for the Languages, Literature, and History of Turkish or Turkic*, 12 [32], 147-161. [TR Index]
33. Yokuř, E., Cũcũk, E., **Bařaran, M.**, & Yıldıırım, İ. [2017]. Examining teacher candidates' self-efficacy perceptions about being a teacher and their attitudes towards computer-assisted education. *International Periodical for the Languages, Literature, and History of Turkish or Turkic*, 12 [32], 147-161. [TR Index]
34. **Bařaran, M.**, Kumru, S., Acar, D., Kayıklık, F. & Vural, ˆ. F. [2021]. Evaluation of the impact of R&D studies on schools in the context of Erasmus+ projects. *International Journal of Education, Science, and Technology*, 7 [3], 183-200. [TR Index]
35. ˆzdemir İleriř, O., & **Bařaran, M.** [2021]. Evaluation of information technologies and software curriculum in the context of the CIPP model. *İnˆnũ University Journal of Faculty of Education*, [TR Index]
36. **Bařaran, M.**, Vural, ˆ. F., Eraslan, A., Belen, F., & Abar, H.S. [2022]. Examination of the homework Status of primary school students in the distance education process in terms of parental opinions. *Trakya Journal of Education*, 12 [1], 248-258. [TR Index]
37. **Bařaran, M.**, ˆlger Gũl, I., Demirtař, M., Kara, E., Geyik, C., & Vural, ˆ. [2021]. Investigation of teachers' use of technology in the distance education process. *OPUS International Journal of Society Research*, [TR Index]
38. Baęceci, B., **Bařaran, M.**, & Vural, ˆ. F. [2016]. Analysis of classroom teachers' views on implementing the constructivist program: The latest point reached in 2016. *The Journal of Academic Social Science*, 4 [31], 241-153. [Asos]
39. Baęceci, B., **Bařaran, M.**, řahin, A., & Doęan, E. [2020]. Constructivist teacher performance evaluation scale in the teaching-learning process: a rubric study. *International Journal of Current Approaches in Language, Education and Social Sciences [CALESS]*, 2 [1], 232-256. [Index Copernicus]
40. **Bařaran, M.**, Doęan, E., Karaoęlu, E., & řahin, E. [2020]. A study on the effectiveness of distance education resulted from the coronavirus [Covid-19] pandemic process. *Academia Journal of Educational Research [Academia]*, 5 [2], 179-209. 4 [Asos]
41. **Bařaran, M.**, Kaya, Z., Akbas, N., & Yalcin, N. [2020]. The impact of eTwinning activity on teachers' professional development in the project-based teaching process. *Journal of Education, Theory and Practical Research*. [Index Copernicus]
42. **Bařaran, M.**, ˆztař, C., & Vural, ˆ. [2021]. Teacher views on blended learning. *International Journal of Educational Studies and Policy*, [Asos]

43. Çetin, E., Akay Celep, D., Uslu, E., Vural, Ö. F. & **Başaran, M.** [2021]. Metaphorical perceptions of primary school parents against Covid-19. *Gaziantep University Journal of Educational Sciences*, 5 [2], 165-187. [Asos]
44. Vural, Ö. F., **Başaran, M.**, Özkan, Ç., Orhan, N. & Ortoğlu, Z. [2022]. Determination of middle school students' perceptions of Covid-19 and Schools in the Covid-19 pandemic period. *Gaziantep University Journal of Educational Sciences*, 18-40. [Asos]
45. Yavuz, T., Vural, Ö. F., & **Başaran, M.** [2021]. Solution Proposals for High School Students' Problems in Spelling and Punctuation: Student and Teacher Views: High School Students' Problems in Spelling and Punctuation. *Anatolian Turk Education Journal*, 3 [1], 109-137. [Asos]
46. **Başaran, M.**, İlter, M., Alemdar, M. & Vural, OF [2022]. Distance education experiences of Syrian students under temporary protection during the Covid-19 pandemic. *Turkish Journal of Teacher Education*, 11 [2], 81-98. [Index Copernicus]
47. Gür Dörtok, H.D. & **Başaran, M.** [2022]. Examination of studies on social skills training. *Journal of Interdisciplinary Educational Research*, 6 [13], 328-352. [Asos]
48. Vural, Ö. F. & **Başaran, M.** [2022]. Development of teachers' perception scale regarding visual arts with NFT: Validity-reliability study. *International Journal on Lifelong Education and Leadership*, 8[2], 1-14. [EBSCO]

¹ Academia full texts

Scholarly Activities: Proceedings

1. Alacacı, C., Özalp, G., **Başaran, M.** & Kalender, İ. [2014]. Mathematical Knowledge and Skills Expected by Higher Education: Implications for Curriculum Design and Textbook Content. Jones, Keith, Bokhove, Christian, Howson, Geoffrey, and Fan, Lianghuo [eds.] *Proceedings of the International Conference on Mathematics Textbook Research and Development* [p. 115-120], Southampton, GB, **University of Southampton**.
2. Bağçeci, B., **Başaran, M.**, Şenel, M., & Vural, S. [2016]. A Comparative Study between International Baccalaureate Diploma Program and 11th and 12th Grade Turkish Language and Literature Curriculum. *II. International Symposium on Education and Social Sciences in Turkic Cultural Geography*. Gaziantep, Turkey, **Gaziantep University**.
3. **Başaran, M.**, Yokuş, E., Cücük, E. & Yıldırım, İ. [2017]. Examining Teacher Candidates' Self-Efficacy Perceptions about Being a Teacher and Their Attitudes Towards Computer Assisted Education. *26th International Educational Sciences Congress* [p. 649-652], Antalya, Turkey, **Karadeniz Technical University**
4. Özyurt, M., Kayıran, B. & **Başaran, M.** [2017]. Study on Adapting the STEM Attitude Scale to the Primary and High School Level. *IVth International Eurasian Educational Research Congress*, Denizli, Turkey, **Pamukkale University**.
5. Özyurt, M., **Başaran, M.** & Kayıran, B. [2017]. The Investigation of Primary School Children's Attitudes towards STEM in Terms of Different Variables. *Third International Conference on the Changing World and Social Research*, Rome, Italia, **Selçuk University**.
6. Yıldırım, İ., Cücük, E., Yokuş, E. & **Başaran, M.** [2017]. Development of Inquiry-Based Teaching Self-Efficacy Scale for STEM+S Education: Validity and Reliability Study. *3rd International Conference on The Changing World and Social Research*, Rome, Italia, **Selçuk University**.
7. **Başaran, M.**, Özyurt, M., & Kayıran, B. [2017]. Investigation of High School Students' Attitudes Towards STEM in Terms of Various Variables in the Context of School. *Academic Conference on Education, Teaching, and E-learning AC-ETel 2017*, Prague, Czech Republic, **Czech Technical University**.
8. **Başaran, M.**, Özyurt, M., & Yigit, C. [2017]. Examination of Teachers' Opinions on the Implementation of the Mathematics Curriculum According to the Design Understanding Approach. *5th International Conference on Curriculum and Instruction*, 26-28 October 2017, Muğla, Turkey, **Muğla Sıtkı Koçman University**.
9. **Başaran, M.** & Bay, E. [2018]. The Processes and the Steps of A STEM [Science, Technology, Engineering, Mathematics] Teacher Training Program for a Pre-School Education Institution. *27th International Educational Sciences Congress* [p. 583-586], Antalya, Turkey, **Atatürk University**.
10. **Başaran, M.** & Yıldırım, İ. [2018]. The Effect of STEM Education on Inquiry-Based Teaching Self-Efficacy and Stem Awareness of Teachers. *27th International Educational Sciences Congress* [p. 545-548], Antalya, Turkey, **Atatürk University**.

11. **Başaran, M.** [2018]. Evaluation of the Relationship between Academic Success and Course Study Habits of Secondary School Students. *27th International Educational Sciences Congress* [p. 399- 402], Antalya, Turkey, **Atatürk University**.
12. **Başaran, M. & Bay, E.** [2018]. A Qualitative Evaluation about the Teacher Metaphorical Perceptions of STEM. *27th International Educational Sciences Congress* [p. 396- 398], Antalya, Turkey, **Atatürk University**.
13. Cüçük, E., **Başaran, M.**, Yokuş, E. & Yıldırım, İ. [2018]. The Examination of Inquiry-Based Teaching Self-Efficacy of Teachers within STEM+S Instruction. *Academic Conference on Education, Teaching, and E-learning AC-ETeL 2018*, Prague, Czech Republic, **Czech Technical University**.
14. **Başaran, M. & Bay, E.** [2019]. The Impact of STEM Practices in Preschool-on-Preschool Children. *V. International TURKCESS Congress of Education and Social Sciences*, Istanbul, Turkey, **Yıldız Technical University**.
15. Uygur, E., **Başaran, M.**, Aşık, G., Uygur, M., Yıldırım, B., & İpek, H. [2019]. Attitudes of Rural Students Towards STEM Education: “STEM in the Village” Project*. *International Symposium on Turkish Computer and Mathematics Education-4*, Izmir, Turkey.
16. Vural, Ö. & **Başaran, M.** [2020]. Teachers’ Opinions for Academic Development. *6th International Conference on Lifelong Education and Leadership for All*, Sakarya, Turkey.
17. **Başaran, M.**, Canyurt, M., Sevinç, D., Vural, M., & Vural, Ö. F. [2021]. Secondary School Teachers’ Awareness, Frequency of Use and Educational Utilization of Web 2.0 Tools in The Distance Education Process. *8th International Congress on Curriculum and Instruction Curriculum Studies in Lifelong Learning*, Burdur, Turkey, **Burdur Mehmet Akif Ersoy University**.
18. Başaran, F., Vural, Ö. F., **Başaran, M.**, & Demirtaş, Z. [2021]. Teachers’ Views about the Use of Technology and The Flipped Classroom in Education. *4th International Symposium on Current Developments in Science, Technology and Social Sciences*, Gaziantep, Turkey, **Gaziantep University**.
19. Sekin, S., Tozcu, R., Karadağ, N., **Başaran, M.**, & Vural, Ö. F. [2021]. The Effects of Values Education on Students’ Behavior. *International Göbeklitepe Social and Human Sciences Congress-II*, Şanlıurfa, Turkey, **Harran University**.
20. Kasan, F., Dağdelen, G., Coşkun Öcal, G., **Başaran, M.**, & Vural, Ö. F. [2021]. Teachers’ Opinions on the Impact of the Covid-19 Distance Education Process on Inclusion Students. *14th National Science and Mathematics Education Congress*, Burdur, Turkey, **Burdur Mehmet Akif Ersoy University**
21. Kalyenci, D., Metin, Ş., & **Başaran, M.** [2021]. Test for Assessing Coding Skills in Early Childhood Period. *II. International Congress of Pedagogical Research*, **Malaysia, University Utara Malaysia, and Octagon Education Consultancy**.
22. **Başaran M.**, Vural Ö. F., Fet EY, Yıldırım Sucu H., Durmuş Keskin Ö. [2021]. Students’ Perception of Covid-19 and School Perceptions in the Covid-19 Process: A Metaphor Analysis Study. *International Symposium on Social Sciences and Educational Sciences*.
23. **Başaran M.**, Vural Ö. F. Çömez, A., Ekşi M., Akdağ TN [2021]. Investigation of School Administrators’ Metaphorical Perceptions of the Covid-19 Process. *Hagia Sophia 3rd International Conference on Multidisciplinary Scientific Studies*, 1[1], 498-533.
24. **Başaran M.**, Vural Ö. F. [2022]. NFT, virtual art, scale, Non-Fungible Token. *8th International Conference on Lifelong Education and Leadership for All -ICLEL 2022*. **Granada University Education Faculty**.

Scholarly Activities: Book Chapters

1. **Başaran, M. & Bay, E.** [2020]. STEM Approach in Early Childhood Science Education. [Ed.] Gonca Uludağ. *Science Education in Early Childhood-“The Child’s Journey of Discovery”* [pp. 253-284]. Ankara: Nobel.
2. **Basaran, M.** [2020]. Use of Technology. [Ed.] Recep Kahramanoğlu. *Effective Teaching Strategies*. Ankara: Pegem
3. **Başaran, M.** [2021]. STEM as an Educational Model. [Ed.] İbrahim Yıldırım. *Technology Supported Instruction*. Ankara: Nobel.
4. Doğan, E. & **Başaran, M.** [2021]. STEM Education Model. [Ed.] Mehmet Başaran & Ömer Faruk Vural. *Current Developments in Education*. Ankara: Pegem
5. **Başaran, M. & Kaya, Z.** [2021]. Waldorf Approach. [Ed.] Mehmet Başaran & Ömer Faruk Vural. *Current Developments in Education*. Ankara: Pegem
6. **Başaran, M.** [2020]. STEM as an Educational Model. [Ed.] Erdal Bay. *Report of the Subcommittee on the Orientation of Girls, Particularly to Science, Technology, Engineering and Mathematics*. Ankara: Turkish Grand National Assembly.

7. Yılmaz, Ö. & **Başaran, M.** [2022]. Intelligence, Creativity, and Wisdom in Adulthood and Old Age. [Ed.] Mehmet Başaran & Ömer Faruk Vural. *Adult Development and Learning*. Ankara: Education Publishing House
8. Avcı, Ş. & **Başaran, M.** [2022]. Attention and Memory in Adulthood and Old Age. [Ed.] Mehmet Başaran & Ömer Faruk Vural. *Adult Development and Learning*. Ankara: Education Publishing House
9. **Başaran, M.** [2023]. 21st Century Learning Skills in School Development. [Ed.] Murat Taşdan, Rasim Tösten & Muhammet Baş. *School Development Studies from Theory to Practice*. Ankara: Nobel.
10. **Başaran, M.** [2023]. Social Media [Tweet Analysis]. [Ed.] Erdal Bay & Recep Kahramanoğlu. *Analysis of Generation Z Ethosphere System [Understanding Generation Z]*. Gaziantep: Gazi Kültür.
11. **Başaran, M.** [2023]. Phenomenon Analysis. [Ed.] Erdal Bay & Recep Kahramanoğlu. *Analysis of Generation Z Ethosphere System [Understanding Generation Z]*. Gaziantep: Gazi Kültür.

Scholarly Activities: Journals Edited

1. **Başaran, M.** [2022*...]. Editor. *International Journal of Trends and Developments in Education [Jtade]*.
2. **Başaran, M.,** & Cücük, E. [2022]. Guest editor of the special issue on Prof. Dr. Hikmet Yıldırım Celkan. *Gaziantep Üniversitesi Eğitim Bilimleri Dergisi [GAUN-JES]*.

Scholarly Activities: Books Edited

1. **Başaran, M.** & Vural Ö. F. [2021]. *Current Developments in Education*. Ankara: Pegem
2. **Başaran, M.** & Vural Ö. F. [2022]. *Adult Development and Learning*. Ankara: Education Publishing House

Scholarly Activities: White papers, reports

1. **Başaran, M.** [2020]. STEM as an Educational Model. [Ed.] Erdal Bay. *Report of the Subcommittee on the Orientation of Girls, Particularly to Science, Technology, Engineering and Mathematics*. Ankara: Turkish Grand National Assembly.

Scholarly Activities: Panels, Forums, & Symposiums

1. Acar, A., Akgündüz, D., **Başaran, M.**, Başaran, M. S., & Çavaş, B. [2017, December]. *Eğitimde alternatif yaklaşımlar II: STEM uygulamaları* [Alternative approaches in education II: STEM]. In Ş. Büyüköztürk, [Moderator]. Panel discussion at the Hasan Kalyoncu Üniversitesi, Gaziantep, Turkey.
2. **Başaran, M.** [2017]. *14th Science Projects Workshop in the Classroom of the Future Laboratory*. Project panel discussion at the European Schoolnet, Brussels, Belgium.
3. **Başaran, M.** [2017]. *Bahçeşehir University STEM DAY*. Panel discussion at the İstanbul, Türkiye.
4. **Başaran, M.** [2017]. *Gaziantep Regional Workshop*. Invited Keynote *Etwinning* Speaker at the *Etwinning*, Gaziantep, Türkiye.
5. **Başaran, M.** [2016]. *Scientix Project Representative Meeting*. Project panel discussion, Alicante, Spain.
6. **Başaran, M.** [2016, December]. *STEM moda mı model mi?* [Is STEM a fashion or a model?]. Panel discussion at the ÖRAV, İstanbul, Turkey.
7. **Başaran, M.** [2015]. *STEM in Education and Life*. Panel discussion at the Eminent, Spain.
8. **Başaran, M.** [2015]. *Scientix Science and Mathematics Education Conference*. Project panel discussion, Ankara, Türkiye.
9. **Başaran, M.** [2014]. *Scientix Project Representative Meeting*. Project panel discussion at the European Schoolnet, Brussels, Belgium.

Grants**Grants: Project Coordinator**

1. **Başaran, M.** [Project Coordinator, 2022-2025], **European Union, HED KA220**, *Defining Standards in STE²AM [Entrepreneurship] Education-KA220-HED-Cooperation* partnerships in higher education [Budget 250.000 €]
2. **Başaran, M.** [Project Coordinator, 11.01.2021-10.05.2022], The Scientific and Technological Council of Turkey [TÜBİTAK-4004], *In the Village STEM-2, Science and Society*, Directorate of Science and Society Programs [Budget 120,000 TL~7000 €]
3. **Başaran, M.** [Project Coordinator, 17-21.05.2021], The Scientific and Technological Council of Turkey [TÜBİTAK 2237-A] *Errors and Solution Suggestions in Qualitative Research*
4. **Başaran, M.** [Project Coordinator, 04-08.10.2021], The Scientific and Technological Council of Turkey [TÜBİTAK 2237-A] *Errors and Solutions in Qualitative Research-2*
5. **Başaran, M.** [Project Coordinator, 21-30 May 2022], European Union KA152-*Social Integration of Disabled People: A Youth Awareness Movement Project*

Grants: Researcher

1. **Başaran, M.** [Researcher, 2024], **European Union, YOU KA220**, *2024-Professional Roadmap and Opportunities for Sustainable Participation in E-sports for The Youth-KA220-YOU-Cooperation* partnerships in youth education [Budget 250.000 €]
2. **Başaran, M.** [Researcher, 01.08.2024-01.08.2025], The Scientific and Technological Council of Turkey [TUBİTAK-4005], *Nuclear Sciences School 2*, Directorate of Science and Society Programs [Budget 280,000 TL; 10000 €]
3. **Başaran, M.** [Researcher, 2023], The Scientific and Technological Council of Turkey [TUBİTAK-1001], *Development of Computational Thinking and Coding Skills Education Model Based on Understanding Approach through Design in Preschool* [Budget 52.000 €]
4. **Başaran, M.** [Researcher, 30.09.2022-10.04.2023], The Scientific and Technological Council of Turkey [TUBİTAK-4004], *Technological and Innovative Content Development Applications for Mathematics Education*, Science and Society, Directorate of Science and Society Programs [Budget 120,000 TL~7000 €]
5. **Başaran, M.** [Researcher, 01.03.2022-10.12.2022], The Scientific and Technological Council of Turkey [TUBİTAK-4005], *Nuclear Sciences School for Science Teachers*, Directorate of Science and Society Programs [Budget 120,000 TL; 7000 €]
6. **Başaran, M.** [Researcher, 11.01.2021-10.05.2022], The Scientific and Technological Council of Turkey [TUBİTAK-4005], *Teachers at Science and Art Centers School of Nuclear Sciences for Science Teachers*, Science and Society, Directorate of Practice, Science and Society Programs [Budget 120,000 TL~7000 €]

7. **Bařaran, M.** [Researcher, 10.09.2018-10.05.2019], The Scientific and Technological Council of Turkey [TUBITAK-4004], Computerless Coding in Preschool Education, Science and Society, Directorate of Science and Society Programs [Budget 120,000 TL; 7000 €]
8. **Bařaran, M.** [Investigator, 2017], Gaziantep University BAP, *Development and Implementation of In-Service Training Curriculum for Secondary School Science and Mathematics Teachers with STEM Approach Project.* [Budget 15,000TL~\$4,500]
9. **Bařaran, M.** [Researcher, 2022], BAP Project-*Augmented Reality Applications in Medical Education*, Project No: TF. ALT.21.34 [Gaziantep, Turkey] [Budget 500,000 TL~35,000 €]
10. **Bařaran, M.** [Researcher, 14.12.2018-14.06.2019], The Scientific and Technological Council of Turkey [TUBITAK-4004], *STEM, Science and Society in the Village*, Directorate of Application, Science and Society Programs
11. **Bařaran, M.** [Researcher, December 2022], **United States Embassy-STREAMitup 2 Project.** [Budget \$50,000]
12. **Bařaran, M.** [Researcher, 2020], 2020 Ayeum-*Researcher Educational Development and Online Learning Environment and System Design*
13. **Bařaran, M.** [Researcher, 2022-2023], Manisa Teknokent -*New Generation Learning Systems Design*

Grants: Other Roles in Projects

1. **Bařaran, M.** [Instructor, 01.08.2024-01.08.2025], The Scientific and Technological Council of Turkey [TUBITAK-4004], *Disasters, Nature and Human; Being Ready and Surviving*, In force, Directorate of Science and Society Programs
2. **Bařaran, M.** [Instructor, 30.09.2022-10.04.2023], The Scientific and Technological Council of Turkey [TUBITAK-4004], *STREAM-Based Mathematics Education with Multidisciplinary Methods*, Science and Society, Directorate of Science and Society Programs,
3. **Bařaran, M.** [Instructor, 10.06.2018-30.01.2019], The Scientific and Technological Council of Turkey [TUBITAK-4007], *Gaři City is Celebrating Science, Science, and Society*, In force, Directorate of Science and Society Programs
4. **Bařaran, M.** [Instructor, 09.12.2019-01.10.2021], The Scientific and Technological Council of Turkey [TUBITAK-4004], *Gaziantep Science, Art, and Technology Festival*, In force, Directorate of Science and Society Programs
5. **Bařaran, M.** [Advisor, 2024], The Scientific and Technological Council of Turkey [TÜBİTAK 2209-A], *Artificial Intelligence Supported Mathematics Education: Investigating the Effect of Khan Academy Artificial Intelligence Application on Student Achievement and Student Attitudes Towards Mathematics*
6. **Bařaran, M.** [Advisor, 2024], The Scientific and Technological Council of Turkey [TÜBİTAK 2209-A], *Text Analysis with Translation Literature in Teaching Turkish Dialects to Turkish Origin Students*
7. **Bařaran, M.** [Advisor, 2024], The Scientific and Technological Council of Turkey [TÜBİTAK 2209-A], *The Effect of Using Storytelling Method in Teaching Mathematics to Visually Impaired Secondary School Students on Students' Mathematics Achievement*
8. **Bařaran, M.** [Advisor, 2024], The Scientific and Technological Council of Turkey [TÜBİTAK 2209-A], *The Effect of Achievement in Four Language Skills on Achievement in Solving Mathematics Problems*
9. **Bařaran, M.** [Advisor, 2021], The Scientific and Technological Council of Turkey [TÜBİTAK 2209-A], *Examination of the Effects of Project-Based STEM Activities on Secondary School Students' Mathematics Attitudes and Problem-Solving Skills*
10. **Bařaran, M.** [Advisor, 2022], The Scientific and Technological Council of Turkey [TÜBİTAK 2209-A], *Investigation of the Effects of Mathematical Modeling-Based STEAM Activities on Secondary School Students' Mathematical Thinking and Problem-Solving Skills and Mathematics Attitudes*
11. **Bařaran, M.** [Türkiye Ambassador, 2014], **Horizon 2020** Europe-European Schoolnet-*Scientix 2-* European Society for Science and Mathematics [Bruxells, Belgium], [Budget 3,000,000 €]
12. **Bařaran, M.** [Türkiye Ambassador, 2018], **Horizon 2020** Europe-European Schoolnet-*Scientix 3-* European Society for Science and Mathematics [Bruxells, Belgium], [Budget 3,000,000 €]
13. **Bařaran, M.** [Türkiye Ambassador, 2020], **Horizon 2020** Europe -European Schoolnet-*Scientix 4-* European Society for Science and Mathematics [Bruxells, Belgium], [Budget 3,000,000 €]
14. **Bařaran, M.** [Assistant Staff, 2020], European Union KA203-*Peace Dialogue Campus Network: Developing a Positive Attitude Among Immigrants and Youth of the Host Community*, [Budget 28.000 €]

15. **Başaran, M.** [Leader Teacher, 2015-2021]. *Integrated teaching project: STEM teacher professional development program* from Bahçeşehir Uğur Educational Institutions [Budget 1,478,160TL~\$350,000].
16. **Başaran, M.** [Instructor, 2019], Gaziantep University-Dutch Ministry of Foreign Affairs-*STEM&Maker Teacher Training Program 1*
17. **Başaran, M.** [Instructor, 2018], Gaziantep University-Dutch Ministry of Foreign Affairs-*STEM&Maker Teacher Training Program 2*
18. **Başaran, M.** [Instructor, 2021], United States Embassy-*STREAMitup Project*. [Budget 50.000 €]
19. **Başaran, M.** [Instructor, 2017], East Marmara Development Agency-*The Future Will Come with Us-STEM*
20. **Başaran, M.** [Instructor, 2018], Silkroad Development Agency-*STEM&Maker Teacher Training Program1*
21. **Başaran, M.** [Instructor, 2018], Silkroad Development Agency-*STEM&Maker Teacher Training Program2*
22. **Başaran, M.** [Instructor, 2018], Silkroad Development Agency-*STEM&Maker Teacher Training Program3*
23. **Başaran, M.** [Instructor, 2016-2017]. *Integrated teaching project: STEM Center development program* from the Payas Belediyesi, Hatay, in the amount of [Budget 54,000TL~\$18,000]

Service

Academic Service: Administration

1. **Başaran, M.** [2021*...]. Deputy Director. *Gaziantep Üniversitesi Ölçme ve Değerlendirme Araştırma ve Uygulama Merkezi* – [Gaziantep University Measurement and Evaluation Research and Application Center], *Gaziantep University*.
2. **Başaran, M.** [2018-2022]. Deputy Dean. *School of Education, Gaziantep University Afrin Education Faculty*.

Academic Service: Editorial Membership

1. **Başaran, M.** [2023-2024]. Editorial board member. Guest editor of the special issue on Coding, Computational Thinking, Robotics, and ICT in Early Childhood: Education, Planning, Implementation and Evaluation. *Frontiers in Psychology*
2. **Başaran, M.** [2024*...]. Editorial board member. *Frontiers in Education*
3. **Başaran, M.** [2022]. Guest editor of the special issue on Prof. Dr. Hikmet Yıldırım Celkan. *Gaziantep Üniversitesi Eğitim Bilimleri Dergisi [GAUN-JES]*.
4. **Başaran, M.** [2022*...]. Editor. *International Journal of Trends and Developments in Education [Jtade]*.
5. **Başaran, M.** [2022*...]. Editorial board member. *Journal for the Mathematics Education and Teaching Practices*
6. **Başaran, M.** [2021*...]. Editorial board member. *Psycho-Educational Research Reviews [Perr]*
7. **Başaran, M.** [2019*...]. Editorial board member. *Gaziantep Üniversitesi Eğitim Bilimleri Dergisi [GAUN-JES]*

Academic Service: Committee Membership

1. **Başaran, M.** [2015, May]. Organizing committee member. *V. International TURKCESS Congress of Education and Social Sciences: 21st Century Skills*. Istanbul, Turkey.

Academic Service: Refereeing for Journals

1. Education and Information Technologies
2. Journal of Computer-Assisted Learning
3. Sage Open
4. Frontiers in Public Health
5. Frontiers in Education
6. Frontiers in Psychology
7. BMC Medical Education
8. Turkish Journal of Education [Turje]
9. OPUS Journal of Society Research
10. Environment and Social Psychology
11. Çukurova University Faculty of Education Journal
12. Discover Education
13. Psycho-Educational Research Reviews [Perr]
14. Pedagogical Research
15. The International Journal of Evaluation and Research in Education [IJERE]
16. Kırşehir Eğitim Fakültesi Dergisi [KEFAD]
17. Eurasia Journal of Mathematics, Science, and Technology Education

Academic Service: Professional Associations as Researcher

1. **Başaran, M.** [2020]. *Report of the Subcommittee on the Orientation of Girls, Particularly to Science, Technology, Engineering and Mathematics*. Ankara: Turkish Grand National Assembly.

Services for the Teacher Community: Invited Meetings, in–service Teacher Professional Development Workshops, and anything else that is not peer-reviewed.

1. **Başaran, M.** [2023, March]. *Nahçıvan Devlet Üniversitesi STEM talimi* [Internationally certified STEM training]. The three-day workshop, **Nahçıvan**
2. **Başaran, M.** [2023, March]. *Azərbaycan Petrol Universiteti STEM və Girişimçilik təlimi* [Internationally certified STEM training]. Three-day workshop, **Baku, Azerbaijan.**
3. **Başaran, M.** [2022, August]. *TEDX: Principles and Methods of Teaching-STEM Education.* Private Gaziantep College Foundation Schools, **Gaziantep, Turkey.**
4. **Başaran, M.** [2022, March]. *Technology Supported Education.* Gaziantep İl Milli Eğitim Müdürlüğü, **Gaziantep, Turkey**
5. **Başaran, M.** [2021, December]. *Project Writing Training.* Gaziantep İl Milli Eğitim Müdürlüğü, **Gaziantep, Turkey**
6. **Başaran, M.** [2019, August]. *STEM: Bütünleşik öğretmenlik çerçevesi* [STEM: Integrated Teaching Framework]. Private Diyarbakır Nesibe Aydın Schools, **Gaziantep, Turkey.**
7. **Başaran, M.** [2019, August]. *Principles and Methods of Teaching-STEM Education.* Private Gaziantep College Foundation Schools, **Gaziantep, Turkey.**
8. **Başaran, M.** [2019, August]. *International Baccalaureate and STEM Education.* Private Gaziantep College Foundation Schools, **Gaziantep, Turkey.**
9. **Başaran, M.** [2019, May]. *STEM eğitiminde öngörüler ve fırsatlar* [Opportunities and forecasts in STEM Education]. Invited presentation at the Bahçeşehir Koleji STEM Day, **Istanbul, Turkey.**
10. **Başaran, M.** [2019, April]. *STEM uygulamaları* [STEM applications and LabStar]. Invited presentation at the Bölgesel STEM Çalıştayı, Gaziantep İl Milli Eğitim Müdürlüğü & Erdem Koleji, **Gaziantep, Turkey.**
11. **Başaran, M.** [2018, September]. *İlkokullar için STEM müfredat programı* [earlySTEM curriculum program]. One-day workshop at Gaziantep İl Milli Eğitim Müdürlüğü, **Gaziantep, Turkey.**
12. **Başaran, M.** [2017, March]. *STEM: Bütünleşik öğretmenlik çerçevesi* [STEM: Integrated Teaching Framework]. Private Bahçeşehir Schools, Diyarbakır
13. **Başaran, M.** [2017, March]. *STEM: Bütünleşik öğretmenlik çerçevesi* [STEM: Integrated Teaching Framework]. Private Bahçeşehir Schools, Ordu
14. **Başaran, M.** [2017, March]. *STEM: Bütünleşik öğretmenlik çerçevesi* [STEM: Integrated Teaching Framework]. Private Uğur Schools, Ünye
15. **Başaran, M.** [2017, January]. *STEM: Bütünleşik öğretmenlik çerçevesi* [STEM: Integrated Teaching Framework]. Private Deva Schools, Gaziantep, Turkey.
16. **Başaran, M.** [2017, June]. *STEM: Bütünleşik öğretmenlik çerçevesi* [STEM: Integrated Teaching Framework]. Private Seçkin Schools, Gaziantep, Turkey.
17. **Başaran, M.** [2017, September]. *STEM: Tanımlar, amaçlar ve yeni dönem* [STEM: Definitions, goals, and the future]. Invited presentation at the Gaziantep Üniversitesi STEM Eğitimi BAP Projesi, Turkey.
18. **Başaran, M.** [2016, September]. *STEM: Bütünleşik öğretmenlik çerçevesi kapsamında hesaplamalı düşünme* [Computational thinking in the STEM: Integrated Teaching Framework]. Hatay Payas STEM Center, Hatay
19. **Başaran, M.** [2016, November]. *STEM: Bütünleşik öğretmenlik çerçevesi* [STEM: Integrated Teaching Framework]. Private Bahçeşehir Schools, Diyarbakır, Turkey.
20. **Başaran, M.** [2016, December]. *STEM: Bütünleşik öğretmenlik çerçevesi* [STEM: Integrated Teaching Framework]. Private Uğur Schools, Ünye, Turkey.
21. **Başaran, M.** [2016, January]. *STEM: Bütünleşik öğretmenlik çerçevesi* [STEM: Integrated Teaching Framework]. Private Uğur Schools, Ünye, Turkey.
22. **Başaran, M.** [2016, March]. *STEM: Bütünleşik öğretmenlik çerçevesi* [STEM: Integrated Teaching Framework]. Private Uğur Schools, İzmir, Turkey.
23. **Başaran, M.** [2016, March]. *STEM: Bütünleşik öğretmenlik çerçevesi* [STEM: Integrated Teaching Framework]. Private Uğur Schools, Ünye, Turkey.
24. **Başaran, M.** [2016, May]. *STEM: Bütünleşik öğretmenlik çerçevesi* [STEM: Integrated Teaching Framework]. Private Bahçeşehir Schools, Diyarbakır, Turkey.

Services for the Teacher Community: Appearances in Mass Media

1. <https://habermerkezi.gantep.edu.tr/?p=69293>
2. <https://telgraf.net/haber/18951060/gaziantep-universitesinde-ogretmenlere-girisimcilik-ve-ste2am-egitimi-verildi>
3. <https://www.gazeterize.com/gaunden-turkiye-geneli-genc-arastirmacilara-onemli-egitim>
4. <https://www.memurlar.net/haber/830622/stem-egitim-modelinde-mus-kayseri-ve-eskisehir-ilk-ucte.html>
5. <https://www.memurlar.net/haber/830622/stem-egitim-modelinde-mus-kayseri-ve-eskisehir-ilk-ucte.html>
6. <https://www.vizyonhavadis.com/haber/gaziantep-universitesi-ste-amegitiminde-girisimcilik-standartlarini-belirliyor-48860.html>
7. <https://gef.gantep.edu.tr/duyuru.php?id=155>
8. <https://www.iha.com.tr/gaziantep-haberleri/-2999719>
9. <https://gef.gantep.edu.tr/etkinlik.php?id=9>
10. <https://www.gaziantepusula.com/haber/10263853/gaunden-onemli-proje>
11. <https://www.referansgazetesi.com.tr/gaun-ste2am-egitiminde-girisimcilik-standartlarini-belirliyor>
12. <https://akagev.com/kurumsal>
13. <https://www.tuba.gov.tr/files/images/2019/uygulamalibilim/VII.%20%20UygulamaliBilim%C4%B1%20Bilim%20E%C4%9Fiti mi%20Kursu%20Program%C4%B1.pdf>
14. <https://gaziantepgazetesi.com/haber-infinite-haber-devam-17413>
15. <https://www.gaziantep27.net/erasmus-projesinin-italya-toplantisi-gerceklesti>
16. <https://www.gaziantepdogus.com/haber/17231237/gaun-ste2am-egitiminde-girisimcilik-standartlarini-belirliyor>
17. https://www5.tbmm.gov.tr/develop/owa/komisyon_tutanaklari_goruntule?pTutanakId=2286
18. <https://www.gaziantepgunes.com/haber/7240664/gaunden-stem-fen-teknoloji-muhendislik-ve-matematik-egitim-modeli-icin-onemli-proje>
19. <https://www.referansgazetesi.com.tr/gaunde-steam-egitiminde-girisimcilik-standartlarini-belirliyor>
20. <https://www.hurriyet.com.tr/yerel-haberler/gaziantep/stem-egitim-calistayi-basladi-40572867>
21. <https://www.gaziantephaber.com/erasmus-projesinin-italya-toplantisi-gerceklesti/14878/>
22. <https://www.sirttesonsoz.com/haber/gaun-ste2am-egitiminde-girisimcilik-standartlarini-belirliyor-25997.html>
23. <https://gef.gantep.edu.tr/duyuru.php?id=127>
24. <https://www.gaziantepusula.com/haber/10276770/gaunden-onemli-egitim>
25. <https://www.iha.com.tr/gaziantep-haberleri/-2795828>
26. <https://www.gaziantep27.net/ogretmenlere-girisimcilik-egitimi>
27. <https://babahaber.com/haber/15418826/gaun-ste2am-egitiminde-girisimcilik-standartlarini-belirliyor>
28. <https://www.gazeteekspres.com/egitim/gaun-den-arastirmacilara-onemli-egitim-92750>
29. <https://www.memohaber.com/haber/ogretmenlere-Stem-Egitimi-Proje-Tabanlı-ogretim-seminerini-46892>
30. <https://www.hisartv.com.tr/haber/gaun-de-ogretmenlere-girisimcilik-ve-steam-egitimi-verildi-3311.html>
31. <https://www.milliyet.com.tr/yerel-haberler/gaziantep/gaziantep-te-stem-egitimleri-suruyor-12591028>
32. <https://gazianteptime.com.tr/haber/7240847/gaunden-stem-egitim-modeli-icin-onemli-proje>
33. <https://gazianteperge.meb.gov.tr/www/gaziantep-etwinning-bolgesel-calistayi-basladi/icerik/422>
34. <https://www.ayintabgazetesi.com/haber/-6009.html>
35. <https://www.fakultehaber.com/gaziantep-universitesi-egitiminde-turkiyede-ilk-lere-devam/2875/>
36. <https://gaziantepsoz.com/ste%C2%B2am-egitiminde-girisimcilik-standartlarini-gaun-belirliyor.html>
37. <https://gazianteptime.com.tr/haber/6135669/gaunden-akademisyen-ve-arastirmacilara-onemli-egitim>
38. <https://habermerkezi.gantep.edu.tr/?p=70830>
39. <https://www.kamu3.com/yurutuculugunu-gaziantep-universitesi-gaun-ogretim-uyesi-dr-mehmet-basar/309132/>
40. <https://habermerkezi.gantep.edu.tr/?p=59873>
41. <https://gef.gantep.edu.tr/duyuru.php?id=105>
42. <https://www.sabah.com.tr/gaziantep/2021/10/15/tubitak-baskanindan-gaune-proje-ziyareti>
43. <https://www.referansgazetesi.com.tr/gaunden-bir-egitim-calismasi-daha>
44. <https://www.megahaber27.com/haber/erasmus-projesinin-italya-toplantisi-gerceklesti-291445.html>
45. <https://www.gaziantephaber.com/cocuklarin-becerilerini-gelistiren-proje-basladi/12821/>
46. <https://www.marasgundem.com.tr/kultur-sanat/ozel-sanko-kolejine-tubitaktan-tesvik-odulu-832466h>
47. <https://www.marasyenigun.com/ozel-sanko-okullari-nin-tubitak-basarisi/2795/>
48. https://www.haberler.com/yerel/ozel-sanko-koleji-ogrencisinin-buyuk-basarisi-7971840-haberi/?ref=amp_more
49. <https://www.karar.com/Istanbul/stem-uygulamasina-avrupadan-odul-1382138>
50. https://habermerkezi.gantep.edu.tr/?attachment_id=71682
51. <https://www.tourismjournal.com.tr/gundem/gaun-erasmus-ka220-hed-projesinin-vilnius-toplantisi-basariyla-tamamlandi-1155610>
52. <https://www.yenicizgihaber.com/egitim/gaun-erasmus-ka220-hed-projesinin-vilnius-toplantisi-basariyla-tamamlandi>

Services for the Teacher Community: YouTube

1. <https://www.youtube.com/watch?v=gTeRrCL1an8>
2. <https://www.youtube.com/watch?v=4g1MfhqAmU&list=WL&index=1>
3. <https://www.youtube.com/watch?v=BunUxKAgfSs&list=WL&index=3>

Teaching Activities

Teaching Activities: Courses Offered at Gaziantep University

Σ 2023-2024 Spring

- ✓ YB 508 Arařtırma Teknikleri [Research Techniques]
- ✓ EB 500 Arařtırma Yöntemleri ve Bilimsel Etik [Research Methods and Scientific Ethics]
- ✓ EB 415 Eđitimde Arařtırma Yöntemlerine Giriř [Introduction to Research Methods in Education]
- ✓ GPF 102 Eđitimde Ölçme ve Deđerlendirme [Measurement and Evaluation in Education]
- ✓ HBÖ 514 Hayat Boyu Öğrenmede Program Geliřtirme [Curriculum Development in Lifelong Learning]
- ✓ EB 509 Nitel Arařtırma Teknikleri [Qualitative Research Techniques]
- ✓ EFMB 203 Öğretim İlke ve Yöntemleri [Teaching Principles and Methods]
- ✓ EFMB 402 Öğretmenlik Uygulaması [School Experience]
- ✓ EFMB 312 STEM ve Robotik Kodlama [STEM and Robotic Coding]
- ✓ HBÖ 565 Yetiřkin Eđitimi ve Öğretimde Çađdař Geliřmeler [Contemporary Developments in Adult Education and Training]

Σ 2023-2024 Fall

- ✓ YB 508 Arařtırma Teknikleri [Research Techniques]
- ✓ EB 500 Arařtırma Yöntemleri ve Bilimsel Etik [Research Methods and Scientific Ethics]
- ✓ EPO 505 Eđitim Programları ve Öğretimde Çađdař Geliřmeler [Contemporary Developments in Curriculum and Instruction]
- ✓ EB 415 Eđitimde Arařtırma Yöntemlerine Giriř [Introduction to Research Methods in Education]
- ✓ EFMB 309 Eđitimde Proje Hazırlama [Project Preparation in Education]
- ✓ EB 509 Nitel Arařtırma Teknikleri [Qualitative Research Techniques]
- ✓ GPF 103 Öğretim İlke ve Yöntemleri [Teaching Principles and Methods]
- ✓ HBÖ 565 Yetiřkin Eđitimi ve Öğretimde Çađdař Geliřmeler [Contemporary Developments in Adult Education and Training]

Σ 2022-2023 Spring

- ✓ YB 508 Arařtırma Teknikleri [Research Techniques]
- ✓ EB 500 Arařtırma Yöntemleri ve Bilimsel Etik [Research Methods and Scientific Ethics]
- ✓ EPO 505 Eđitim Programları ve Öğretimde Çađdař Geliřmeler [Contemporary Developments in Curriculum and Instruction]
- ✓ EB 524 Eđitim Programlarında 21. yy Becerileri [21st Century Skills in Education Programs]
- ✓ EB 415 Eđitimde Arařtırma Yöntemlerine Giriř [Introduction to Research Methods in Education]
- ✓ BÖMB 302 Eđitimde Ölçme ve Deđerlendirme [Measurement and Evaluation in Education]
- ✓ EB 509 Nitel Arařtırma Teknikleri [Qualitative Research Techniques]
- ✓ EFMB 201 Öğretim Teknolojileri [Instructional Technologies]
- ✓ EFMB 402 Öğretmenlik Uygulaması [School Experience]
- ✓ HBÖ 565 Yetiřkin Eđitimi ve Öğretimde Çađdař Geliřmeler [Contemporary Developments in Adult Education and Training]

Σ 2022-2023 Fall

- ✓ YB 508 Arařtırma Teknikleri [Research Techniques]
- ✓ EB 500 Arařtırma Yöntemleri ve Bilimsel Etik [Research Methods and Scientific Ethics]
- ✓ EB 415 Eđitimde Arařtırma Yöntemlerine Giriř [Introduction to Research Methods in Education]
- ✓ EB 509 Nitel Arařtırma Teknikleri [Qualitative Research Techniques]
- ✓ EFMB 203 Öğretim İlke ve Yöntemleri [Teaching Principles and Methods]
- ✓ EFMB 201 Öğretim Teknolojileri [Instructional Technologies]
- ✓ EFMB 401 Öğretmenlik Uygulaması [School Experience]
- ✓ HBÖ 521 Proje Kültürü ve Yönetimi [Project Culture and Management]

Σ 2021-2022 Spring

- ✓ YB 508 Arařtırma Teknikleri [Research Techniques]
- ✓ EB 500 Arařtırma Yöntemleri ve Bilimsel Etik [Research Methods and Scientific Ethics]
- ✓ EB 415 Eđitimde Arařtırma Yöntemlerine Giriř [Introduction to Research Methods in Education]
- ✓ EB 509 Nitel Arařtırma Teknikleri [Qualitative Research Techniques]
- ✓ EFMB 201 Öğretim Teknolojileri [Instructional Technologies]
- ✓ EFMB 402 Öğretmenlik Uygulaması [School Experience]
- ✓ GPF 104 Özel Öğretim Yöntemleri [Special Teaching Methods]

- ✓ HBÖ 567 Yetiřkin Eđitiminde Teknoloji Kullanımı [Use of Technology in Adult Education]

Σ 2021-2022 Fall

- ✓ YB 508 Arařtırma Teknikleri [Research Techniques]
- ✓ EB 574 Eđitim Programları ve Öđretimde Çađdař Geliřmeler [Contemporary Developments in Curriculum and Instruction]
- ✓ EB 576 Eđitim Programlarında Deđerlendirme [Evaluation in Curriculum & Instruction]
- ✓ GPF 103 Öđretim İlke ve Yöntemleri [Teaching Principles and Methods]
- ✓ IPF 301 Öđretim İlke ve Yöntemleri [Teaching Principles and Methods]
- ✓ EFMB 201 Öđretim Teknolojileri [Instructional Technologies]
- ✓ EFMB 401 Öđretmenlik Uygulaması [School Experience]
- ✓ EB 419 Program Geliřtirmeye Giriř [Introduction to Curriculum Development]
- ✓ HBÖ 521 Proje Kũltürü ve Yönetimi [Project Culture and Management]

Σ 2020-21 Spring

- ✓ EB 500 Arařtırma Yöntemleri ve Bilimsel Etik [Research Methods and Scientific Ethics]
- ✓ EFMB 204 Eđitimde Arařtırma Yöntemleri [Research Methods in Education]
- ✓ GME 100 Genel ve Mesleki Etik [General and Professional Ethics]
- ✓ GEIS 410 İlköđretimde Bilgisayar Destekli Eđitim [Computer Aided Education in Primary Education]
- ✓ GERP 108 Kaynak Tarama ve Rapor Yazma [Source Scanning and Report Writing]
- ✓ EB 509 Nitel Arařtırma Teknikleri [Qualitative Research Techniques]
- ✓ GEEB 420 Öđretmenlik Uygulaması [School Experience]
- ✓ EB 543 Proje Tabanlı Öđrenme [Project-Based Learning]
- ✓ HBÖ 567 Yetiřkin Eđitiminde Teknoloji Kullanımı [Use of Technology in Adult Education]

Σ 2020-21 Fall

- ✓ YB 508 Arařtırma Teknikleri [Research Techniques]
- ✓ EB 509 Nitel Arařtırma Teknikleri [Qualitative Research Techniques]
- ✓ IPF 301 Öđretim İlke ve Yöntemleri [Teaching Principles and Methods]
- ✓ EFMB 201 Öđretim Teknolojileri [Instructional Technologies]
- ✓ GEEB 423 Öđretmenlik Uygulaması [School Experience]
- ✓ EB 419 Program Geliřtirmeye Giriř [Introduction to Curriculum Development]
- ✓ EB 525 Uzaktan Eđitimde Öđretim Tasarımı: Kuram, Arařtırma ve Uygulama [Instructional Design in Distance Education: Theory, Research and Practice]

Σ 2019-20 Spring

- ✓ EB 574 Eđitim Programları ve Öđretimde Çađdař Geliřmeler [Contemporary Developments in Curriculum and Instruction]
- ✓ EB 595 Eđitimde Program Geliřtirme ve Deđerlendirme [Curriculum Development and Evaluation in Education]
- ✓ EB 413 Eđitimin Esasları [Fundamentals of Education]
- ✓ EFMB 201 Öđretim Teknolojileri [Instructional Technologies]
- ✓ GEEB 420 Öđretmenlik Uygulaması [School Experience]
- ✓ PDR 208 Yetiřkin Eđitimi ve Hayat Boyu Öđrenme [Adult Education and Lifelong Learning]

Σ 2019-20 Fall

- ✓ EFMB 201 Öđretim Teknolojileri [Instructional Technologies]
- ✓ IPF 301 Öđretim İlke ve Yöntemleri [Teaching Principles and Methods]
- ✓ EB 413 Eđitimin Esasları [Fundamentals of Education]
- ✓ EB 574 Eđitim Programları ve Öđretimde Çađdař Geliřmeler [Contemporary Developments in Curriculum and Instruction]
- ✓ EFMB 205 Açık ve Uzaktan Öđrenme [Open and Distance Learning]

Σ 2018-19 Fall

- ✓ IPF 301 Öđretim İlke ve Yöntemleri [Teaching Principles and Methods]
- ✓ IPF 403 Ölçme ve Deđerlendirme

Teaching Activities: Courses Offered at Hasan Kalyoncu University [Instruction in English]**Σ 2022-2023 Fall**

- ✓ MB005 Öđretim Teknolojileri [Instructional Technologies]
- ✓ MB006 Öđretim İlke ve Yöntemleri [Teaching Principles and Methods]

Graduate Students: Supervisor [Committee Chair or CoChair]³

1. *Kalyenci Damla, [2021]. *Evaluation of Coding Skills in Early Childhood Period -Test Development*, Hasan Kalyoncu University, Institute of Social Sciences, Department of Preschool Education.
2. *Özdemir Oğuzhan, [2021]. *Evaluation of Information Technologies and Software Course Curriculum According to Teacher Opinions*, Gaziantep University, Educational Sciences, Curriculum & Instruction.
3. *Kara Veysel, [2022]. *Investigation of the Attitudes of Primary School Teachers Towards Refugee Students*, Gaziantep University, Educational Sciences, Curriculum & Instruction.
4. *Dörtok Gür Damla Hatice, [2022]. *Social Skills Education: A Review of Literature*, Gaziantep University, Educational Sciences, Curriculum & Instruction.
5. *İlter Merve, [2022]. *Investigation of the Relationship between Teachers' Inquiry-Based Teaching Self-Efficacy For STEM+S and Their Computational Thinking Skills*. Gaziantep University, Educational Sciences, Curriculum & Instruction.
6. *Durucu Sonay Ayşe, [2022]. *Investigation of the Relationship between Teachers' Inquiry-based Teaching Self-Efficacy for STEM+S and Teaching 21st Century Skills*. Gaziantep University, Educational Sciences, Curriculum, and Instruction.
7. Ulutaş Adem, [2022]. *Distance Education Practices in Turkey and the Relationship between Teachers' Attitudes Towards Distance Education and their Digital Literacy*. Gaziantep University, Educational Sciences, Curriculum & Instruction.
8. *Candan Feyza, [2022]. *A Meta-Thematic Analysis of Using Technology-Mediated Gamification Tools in the Learning Process: The Example of "Kahoot!"*. Gaziantep University, Educational Sciences, Curriculum & Instruction.
9. Taşkın Mehmet, [2023]. *Meta-Thematic Analysis of Robotics and Coding Education*. Gaziantep University, Educational Sciences, Curriculum & Instruction.
10. Tiryaki Ahmet, [2024]. *Examining the Implicit Program in Imam Hatip Girls Secondary School According to Teachers' Views*. Gaziantep University, Educational Sciences, Curriculum & Instruction.
11. Yaman Mehmet, [2024]. *Investigation of Teachers' Views on the Use of Artificial Intelligence in Education*. Gaziantep University, Educational Sciences, Curriculum & Instruction.
12. Tiryaki Esra, [2024]. *Meta-Thematic Analysis of Using Creative Drama Method in Language Teaching*. Gaziantep University, Educational Sciences, Curriculum & Instruction.
13. Tüter Melike, [2024]. *Teachers' Views on the Skills Required in Solving LGS Turkish Lesson Skill-Based Questions*. Gaziantep University, Educational Sciences, Curriculum & Instruction.
14. Çelik Nurdan, [2024]. *Preschool Educators' Knowledge Level on ChatGPT and Their Usage of AI*. Gaziantep University, Educational Sciences, Curriculum & Instruction.
15. Erdem Tuğba, [2024]. *Meta-Thematic Analysis on the Effectiveness of Out-Of-School Learning Environments*. Gaziantep University, Educational Sciences, Curriculum & Instruction.

Doctoral Fellows [Committee Chair, Committee Member or CoChair]³

1. Nafiye Nur Meşe. [2024]. *Examining The Relationship Between English Teachers' Professionalization Levels and Professional Learning: A Mixed Methods Research* [Ph.D. in Curriculum & Instruction, Gaziantep University]
2. Cennet Tandırcı. [Ph.D. in Curriculum & Instruction, Gaziantep University]*...
3. Feyza Candan. [Ph.D. in Curriculum & Instruction, Gaziantep University]*...
4. Kübra Nur Işık. [Ph.D. in Curriculum & Instruction, Gaziantep University]*...
5. Selma Vural. [Ph.D. in Curriculum & Instruction, Gaziantep University]*...
6. Serpil Deniz. [Ph.D. in Curriculum & Instruction, Gaziantep University]*...
7. Damla Kalyenci. [Ph.D. in Preschool Education, Hasan Kalyoncu University]*...

³* if published as a journal article