Curriculum Vitae (CV)

Name : Mehmet Ali Özarslan

Position : Professor of Mathematics

Address: : Eastern Mediterranean University
Faculty of Art and Sciences
Department of Mathematics
Gazimağusa, TRNC, MERSİN 10, TURKEY

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Date of Birth : September 09,1976

Place of Birth : Lefkoşa

Education

- **Ph.D.** : Ankara University (April,2005)
- **M.S.** : Ankara University (July,2000)
- **B.S.** : Ankara University (June,1997)

Academic Experience

- **Professor** : Eastern Mediterranean University (2015-…)
- **Associate Professor** : Eastern Mediterranean University (2009-2015)
- **Assistant Professor** : Eastern Mediterranean University (2005-2009)
- **Research Assistant** : Ankara University (2002-2005)

Current Reserach Interests

- Special functions
- Korovkin-type approximation theory
- q-Calculus
- Statistical convergence and its applications
- Rates of convergence
- Existence and uniqueness of fractional differential equations

Graduate Students

Ph.D. Thesis

- **Completed**
  - **Title:** Some Properties of Certain Class of Polynomials (2010)
    Student: Assoc. Prof. Dr. Cem Kaanoğlu
  - **Title:** Some Properties of Hypergeometric Functions (2011)
    Student: Dr. Emine Özergin
  - **Title:** Some Properties of Appell Polynomials (2014)
    Student: Dr. Banu Yılmaz

- **Title:** Approximation Properties of q-Bernstein-Schurer Operators (2015)
  Student: Asst. Prof. Tuba Vedi

- **Current**

  - **Title:** Some results on Laguerre type and Mittag-Leffler type functions (2013-…)
    Student: Cemaliye Kurt
  - Title: Incomplete Pochhammer Ratio and Related Special Functions (2015-…)
    Student: Ceren Ustaoğlu

Master Thesis

- **Completed**
  - **Title:** Volterra Integral Equations of the Second Kind (2007)
    Student: Habibe Tilim
  - **Title:** Schurer Type q-Bernstein Operators (2011)
    Student: Tuba Vedi
  - **Title:** Exponential Operators and Hermite Type Polynomials (2016)
    Student: Gizem Baran

Publication List:

1. **M.A. Özarslan** and H. Aktuğlu, Weighted $\alpha\beta$ -statistical convergence of Kantorovich-Mittag-Leffler operators. *Math. Slovaca* 66 (2016), no. 3, 695–706. (**SCI-Expanded**)
2. **M.A. Özarslan,** New Korovkin Type Theorem for Non-Tensor Meyer–König and Zeller Operators, Results in Math. 69 (3-4)(2016), 327-343. (**SCI-Expanded**)
3. **M.A. Özarslan**, Approximation properties of Jain-Stancu operators. *Filomat* 30 (2016), no. 4, 1081–1088. (**SCI-Expanded**)
4. **M.A. Özarslan**, O. Duman Smoothness properties of modified Bernstein-Kantorovich operators. *Numer. Funct. Anal. Optim.* 37 (2016), no. 1, 92–105. (**SCI-Expanded**)
5. H. Aktuğlu and **M.A. Özarslan**, Anti-periodic BVP for Volterra integro-differential equation of fractional order $1<\alpha\leq 2$, involving Mittag-Leffler function in the kernel. *J. Nonlinear Sci. Appl.* 9(2)(2016), 452–460. (**SCI-Expanded**)
6. **M.A. Özarslan** and T. Vedi, Direct and inverse theorems for multivariate Bernstein-Schurer-Stancu operators. *Miskolc Math. Notes* 16 (2), (2015), 1073–1089. (**SCI-Expanded**)
7. **M.A. Özarslan** and C. Kaanoğlu, Some generalizations of multiple Laguerre polynomials via Rodrigues formula, ARS Combinatoria, 123 (2015), 195-206. (**SCI-Expanded**)

8. **M.A. Özarslan** and H. Aktuğlu, Korovkin type theorem for non-tensor Balasz type Bleimann, Butzer and Hahn operators, *Math. Meth. Appl. Sci.,* 38(9) (2015)1937-1944. (**SCI-Expanded**)
9. T. Vedi and **M.A. Özarslan,** Chlodowsky type q-Bernstein-Stancu-Kantorovich operators, *Journal of Inequalities and Applications,* article no: 91 (2015), 16 pages. (**SCI-Expanded**)

10. **M.A. Özarslan** and S. Gaboury, Srivastava-Pinter theorems for 2D-Appell polynomials and their Applications, *Math. Meth. Appl. Sci.,* 37(15)(2014), 2198-2210. (**SCI-Expanded**)

11. S. Gaboury and **M.A. Özarslan,** Singular integral equation involving a multivariable analog of Mittag-Leffler function, *Advances in differences equations*, article no: 252 (2014), 10 pages. (**SCI-Expanded**)

12. H.M. Srivastava, **M.A. Özarslan**, B. Yılmaz, Some families of differential equations associated with the Hermite-based Appell polynomials and other classes of Hermite-based polynomials, *Filomat,* 28 (4) (2014), 695-708. (**SCI-Expanded**)

13. T. Vedi and **M.A. Özarslan**, Chlodowsky variant of q-Bernstein-Schurer-Stancu operators, *Journal of Inequalities and Applications,* article no: 189 (2014), 14 pages. (**SCI-Expanded**)

14. **M.A. Özarslan** and B. Yılmaz, A set of finite order differential equations for the Appell polynomials, *J. of Comp. and Appl. Math.*, 259 (2014), 108-116. (**SCI**)

15. **M.A. Özarslan**, On a singular integral equation including a set of multivariate polynomials suggested by Laguerre polynomials, *Applied Mathematics and Computation*, 229 (2014), 350-358. (**SCI-Expanded**)

16. **M.A. Özarslan** and B. Yılmaz, The Extended Mittag-Leffler function and its properties, *Journal of Inequalities and Applications,* article no:85 (2014), 10 pages. (**SCI- Expanded**)

17. H. Aktuğlu and **M.A. Özarslan**, Solvability of differential equations of order $2 < \alpha \leq 3$ involving the p-Laplacian operator with boundary conditions, *Advances in differences equations*, article no: 358 (2013), 13 pages. (**SCI- Expanded**)

18. M. Bozer and **M.A. Özarslan**, Notes on generalized Gamma, Beta and Hypergeometric function, *J. Comp. Anal. and Appl.,* 15 (7) (2013), 1194-1201. (**SCI-Expanded**)

19. **M.A. Özarslan** and T. Vedi, q- Bernstein-Schurer-Kantorovich Operators, J*. of Ineq. and Appl.* article no: 444 (2013), 15 pages. (**SCI-Expanded**)

20. C. Kaanoğlu and **M.A. Özarslan**, Two-parameter Srivastava polynomials and several series identities, *Adv. Difference Equ.,* article no: 81 (2013), 9 pages. (**SCI-Expanded**)

21. H.M. Srivastava, **M.A. Özarslan** and C. Kaanoğlu, Some generalized Lagrange-based Apostol-Bernoulli, Apostol-Euler and Apostol-Genocchi polynomials, *Russ. J. Math. Phys.,* 20 (1) (2013), 110-120. (**SCI-Expanded**)

22. **M.A. Özarslan**, A-statistical convergence of Mittag-Leffler operators, *Miscolc Math. Notes*, 14 (1) (2013), 209-217. (**SCI-Expanded**)

23. **M.A. Özarslan** and H. Aktuğlu, Local approximation properties for certain King type operators, *Filomat,* 27 (1) (2013), 173-181. (**SCI-Expanded**)

24. H. Aktuğlu and **M.A. Özarslan**, On the Solvability of Caputo q-Fractional boundary value problem involving p-Laclacian operators, *Abstract and Applied Analysis,* article no: 658617, (2013), 8 pages. (**SCI- Expanded**)

25. **M.A. Özarslan** and H. Aktuğlu, Quantative global estimates for generalized double Szas-Mirakjan operators, *J. Appl. Math.,* article no:613258 (2013), 8 pages. (**SCI-Expanded**)

26. B. Yılmaz and **M.A. Özarslan**, Differential equations for the extended 2D Bernoulli and Euler Polynomials, *Adv. Difference Equ.,* article no: 107 (2013), 16 pages. (**SCI-Expanded**)

27. **M.A. Özarslan**, Hermite-based unified Apostol-Bernoulli, Euler and Genocchi polynomials, Adv. *Difference Equ.,* article no: 116 (2013), 13 pages. (**SCI-Expanded**)

28. **M.A. Özarslan** and M. Bozer, Unified Bernstein and Bleimann-Butzer-Hahn basis and its properties, *Adv. Difference Equ.,* article no: 55 (2013), 14 pages. (**SCI-Expanded**)

29. S. Gaboury, **M.A. Özarslan** and R. Tremblay, Some bilateral generating functions involving the Chan-Chyan-Srivastava polynomials and some general classes of multivariable polynomials, *Commun. Korean Math. Soc.*, 28 (4) (2013), 783-797. (**AMS-MR**)

30. T. Vedi**, M.A. Özarslan:** Some Properties of q-Bernstein-Schurer operators, J. Applied Functional Analysis, 8 (1) (2013), 45-53 (**AMS-MR**).

31. **M.A. Özarslan**, Some remarks on extended hypergeometric, extended confluent hypergeometric and extended Appell's functions, J. Comput. Anal. Appl., 14 (6) (2012), 1148-1153. (**SCI-Expanded**)

32. Z. Ünal, **M.A. Özarslan** and O. Duman, Approximation properties of real and complex Post-Widder operators based on q-integers, *Miskolc Math. Notes,* 13 (2) (2012), 581-603. (**SCI-Expanded**)

33. **M.A. Özarslan** and H. Aktuğlu, A-statistical approximation of generalized Szász-Mirakjan-Beta operators, *Appl. Math. Lett.,* 24 (11) (2011), 1785-1790. (**SCI**)

34. C. Kaanoğlu and **M.A. Özarslan**, New families of generating functions for certain class of three-variable polynomials, *Appl. Math. Comput.,* 218 (3) (2011), 836-842. (**SCI-Expanded**)

35. **M.A. Özarslan**, Some families of generating functions for the extended Srivastava polynomials, *Appl. Math. Comput.,* 218 (3) (2011), 959-964. (**SCI-Expanded**)

36. **M.A. Özarslan**, Unified Apostol-Bernoulli, Euler and Genocchi polynomials, Comput. Math. Appl., 62 (6) (2011), 2452-2462. (**SCI**)

37. C. Kaanoğlu and **M.A. Özarslan**, Two-sided generating functions for certain class of r-variable

polynomials, *Math. Comput. Modelling*, 54 (1-2) (2011), 625-631. (**SCI-Expanded**)

38. E. Özergin, **M.A. Özarslan** and A. Altın, Extension of gamma, beta and hypergeometric functions, *J. Comput. Appl. Math.*, 235 (16) (2011), 4601-4610. (**SCI**)

39. C. Kaanoğlu and **M.A. Özarslan**, Some properties of generalized multiple Hermite polynomials, *J. Comput. Appl. Math.,* 235 (16) (2011), 4878-4887. (**SCI**)

40. Nazım I. Mahmudov, **M.A. Özarslan** and P. Sabancıgil, I-approximation properties of certain class of linear positive operators, *Studia Sci. Math. Hungar.*, 48 (2) (2011), 205-219. (**SCI-Expanded**)

41. M.A. Özarslan and C. Kaanoğlu, Multilateral generating functions for classes of polynomials

involving multivariable Laguerre polynomials, *J. Comput. Anal. Appl.*, 13 (4) (2011), 683-691. (**SCI-Expanded**)

42. M.A. Özarslan, O. Duman and Nazım I. Mahmudov, Local approximation properties of modified Baskakov operators, *Results in Math.,* 59 (1-2) (2011), 1-11. (**SCI-Expanded**)

43. O. Duman and **M.A. Özarslan**, Global approximation results for modified Szász-Mirakjan operators, *Taiwanese J. Math.,* 15 (1) (2011), 75-86. (**SCI**)

44. M.A. Özarslan, q-Szász Schurer operators, *Miskolc Math. Notes,* 12 (2) (2011), 225-235. (**SCI-Expanded**)

45. H. Aktuğlu, **M.A. Özarslan** and O. Duman, Matrix summability methods on the approximation of multivariate q-MKZ operators, Bull. Malays. Math. Sci. Soc., 34 (3) (2011), 465-474. (**SCI-Expanded**)

46. H. Aktuğlu, and **M.A. Özarslan**, Korovkin type approximation theorem for BBH type operators via I - convergence, *Math. Slovaca*, 60 (6) (2010), 865-876. (**SCI-Expanded**)

47. M.A. Özarslan and E. Özergin, Some generating relations for extended hypergeometric functions via generalized fractional derivative operator, *Math. Comput. Modelling*, 52 (9-10) (2010), 1825-1833. (**SCI-Expanded**)

48. S. Zorlu, H. Aktuglu and **M.A. Özarslan**, An estimation to the solution of an initial value problem via q-Bernstein polynomials, *J. Comput. Anal. Appl.,* 12 (3) (2010), 637–645. (**SCI-Expanded**)

49. M.A. Özarslan, E. Özergin and C. Kaanoğlu, Multilateral generating functions for the multiple Laguerre and multiple Hermite polynomials. *J. Comput. Anal. Appl.,* 12 (3) (2010), 667–677.

(**SCI-Expanded**)

50. M.A. Özarslan, O. Duman and C. Kaanoğlu, Rates of convergence of certain King-type operators for functions with derivative of bounded variation, *Math. Comput. Modelling*, 52 (1-2) (2010), 334-345. (**SCI-Expanded**)

51. H. Karslı and **M.A. Özarslan**, Direct Local and global approximation results for operators of gamma type., *Hacet. J. Math. Stat.*, 39 (2) (2010), 241-253. (**SCI-Expanded**)

52. **M.A. Özarslan** and O. Duman, Global approximation properties of modified SMK operators, *Filomat, 24 (1) (2010), 47-61.* (**SCI-Expanded**)

53. O. Duman, **M. A. Özarslan** and E. Erkuş-Duman, Rates of ideal convergence for approximation operators., *Mediterr. J. Math.,* 7 (1) (2010), 111-121. (**SCI-Expanded**)

54. H.M. Srivastava, **M.A. Özarslan** and C. Kaanoğlu, Some families of generating functions for a certain class of three-variable polynomials, *Integral Transforms Spec*. *Func.,* 21 (12) (2010), 885-896. (**SCI-Expanded**)

55. H. Aktuğlu, **M.A. Özarslan**, H. Gezer, A-equistatistical convergence of positive linear operators, *J. Comput. Anal. Appl*., 12 (1) (2010), 24-36. (**SCI-Expanded**)

56. M.A. Özarslan and O. Duman, Local approximation behavior of modified SMK operators, *Mıscolc Mathematical Notes*, 11(1) (2010), 87-99. (**SCI-Expanded**)

57. E. Özergin, **M.A. Özarslan** and H.M. Srivastava, Some families of generating functions for a class of bivariate polynomials, *Math. Comput. Modelling*, 50 (7-8) (2009), 1113-1120. (**SCI-Expanded**)

58. M.A. Özarslan and O. Duman, Approximation theorems by Meyer-König and Zeller type operators, *Chaos, Solitons & Fractals.,* 41 (1) (2009), 451-456. (**SCI**)

59. **M. A. Özarslan**, I-convergence theorems for a class of k-positive linear operators, *Central*

European Journal of Mathematics, 7 (2) (2009), 357-362*.* (**SCI-Expanded**)

60. M.A. Özarslan, O. Duman, B. Della Vecchia, Modified Szasz-Mirakjan-Kantorovich operators preserving linear functions, *Turkish J. Math*., 33 (2) (2009), 151-158. (**SCI-Expanded**)

61. M.A.Özarslan and O. Duman, A new approach in obtaining a better estimation in approximation by positive linear operators, *Commun. Fac. Sci. Univ. Ank. Sér. A1 Math. Stat.,* 58 (1) (2009), 17-22*. (**AMS-MR**)*

62. M.A. Özarslan, O. Duman and H.M. Srivastava, Statistical approximation results for Kantorovich-type operators involving some special polynomials, *Math. Comput. Modelling*, 48 (3-4) (2008), 388-401. (**SCI-Expanded**)

63. M.A. Özarslan and O. Duman, Approximation properties of Poisson integrals for orthogonal expansions, *Taiwanese J. Math.,* 12 (5) (2008), 1147 – 1163. (**SCI**)

64. M. A. Özarslan, H. Aktuğlu, Local approximation properties of certain class of linear positive operators via I-convergence, *Central European Journal of Mathematics,* 6 (2) (2008), 281-286*.* (**SCI-Expanded**)

65. M.A. Özarslan and O. Duman, Local approximation results for Szasz-Mirakjan type operators*, Archiv Der Math.,* 90 (2) (2008*),* 144-149. (**SCI-Expanded**)

66. O. Duman, **M.A. Özarslan** and H. Aktuğlu, Better error estimation for Szasz-Mirakjan-Beta operators, *J. Comput. Anal. Appl*., *10 (1) (2008), 53-59*. (**SCI-Expanded**)

67. O. Duman and **M. A. Özarslan**, Szasz-Mirakjan type operators providing a better error estimation, *Applied Math. Letters.,* 20 (12) (2007), 1184-1188. (**SCI**)

68. M. A. Özarslan and O. Duman, MKZ type operators providing a better estimation on [1/2,1), *Canadian Math. Bull.,* 50 (3) (2007), 434-439. (**SCI-Expanded**)

69. M.A. Özarslan, q-Laguerre type linear positive operators, *Stud. Sci. Math. Hungarica*, 44 (1) (2007), 65-80.(**SCI-Expanded**)

70. A. Altın, E. Erkuş and **M.A. Özarslan**, Families of linear generating functions for polynomials in two variables, *Integral Transforms and Special Functions*, 17 (5) (2006), 315-320. (**SCI-Expanded**)

71. O. Duman, **M. A. Özarslan**, O. Doğru, On integral type generalizations of positive linear operators, *Studia Math.* 174 (1) (2006), 1-12. (**SCI**)

72. **M. A. Özarslan**, O. Duman and O. Doğru, A-Statistical convergence for a class of positive linear operators, *Rev. Anal. Numer. Theor. Approx*., 35 (2) (2006), 161-172. (**AMS-MR**)

73. **M. A. Özarslan**, O. Duman and O. Doğru, Rates of *A*-statistical convergence of approximating operators, *Calcolo,* 42 (2) (2005), 93-104. (**SCI-Expanded**)

74. **M. A. Özarslan** and A. Altin, Some families of generating functions for the multiple orthogonal polynomials associated with modified Bessel K- functions, *J. of Math. Anal. Appl.,* 297 (1) (2004), 186-193.(**SCI**)

75. O. Doğru, **M.A. Özarslan**, F. Taşdelen, On positive operators involving a certain class of generating functions, *Stud. Sci. Math. Hungarica,* 41 (4)(2004), 415-429. (**SCI-Expanded**)

Book chapters:

1. **M.A. Özarslan**, C. Kürt, Some results on the bivariate Laguerre polynomials. *Computational analysis,* 125–135, Springer Proc. Math. Stat., 155, *Springer, Cham,* 2016.
2. T. Vedi**, M.A. Özarslan**, Voronovskaja type approximation theorem for *q*-Szasz–Schurer operators. *Computational analysis,* 353–361, Springer Proc. Math. Stat., 155, *Springer, Cham,* 2016.

Book chapter translation:

Original: Fundamentals of Differential Equations, R.K. Nagle, E.B. Saff, A.D. Snider, Eight edition, Pearson.

Turkish: Diferensiyel Denklemlerin Temelleri,

Çeviri Editörü: Ogün Doğru,

Yayınevi: Nobel yayınevi,

ISBN: 978-605-133-551-3,

Bölüm 9: Lineer Sistemler için Matris Metotları (Mehmet Ali Özarslan)

Citation Report

- Sum of the papers published: 72
- Sum of the times cited: 362
- Sum of the times cited without self citations: 244
- Citing articles: 233
- Citing articles without self-citations: 182
- Average citations per item: 5.03
- h-index: 11

Editorial

Reviewer : AMS-Mathematical Reviews

Refereeing

- J. of Math. Anal. Appl. (SCI)
- J. Comput. Appl. Math. (SCI)
- Appl. Math. Lett. (SCI)
- Comput. Math. Appl. (SCI)
- Taiwanese J. Math. (SCI)
- Numerical Algorithms (SCI-Expanded)
- Math. Inequal. Appl. (SCI-Expanded)
- Central Eur. J. of Math. (SCI-Expanded)
- Bulletin of the Malaysian Mathematical (SCI-Expanded)
- Math. Slovaca (SCI-Expanded)
- Math. Comput. Modelling (SCI-Expanded)
- Studia Sci. Math. Hungar. (SCI-Expanded)
- Positivity (SCI-Expanded)
- Miskolc Math. Notes (SCI-Expanded)
- Information Sciences (SCI-Expanded)
- Appl. Math. Comput (SCI-Expanded)
- Abst. Appl. Anal. (SCI-Expanded)
- Journal of Function Spaces and Applications (SCI-Expanded)
- Hacettepe J. Math. Stat. (SCI-Expanded)
- Math. Commun. (SCI-Expanded)
- J. of Applied Math. (SCI-Expanded)
- J. of Complex Analysis (SCI-Expanded)
- Indian J. Pure and Appl. Math. (SCI-Expanded)
- Journal of Inequalities and Applications (SCI-Expanded)
- Advances in Difference Eq. (SCI-Expanded)
- Afrika Matematica (AMS-MR)
- Journal of Calculus of Variations (AMS-MR)
- Journal of Inequalities and Special Functions (AMS-MR)

Professional Memberships

- AMS (2005-…)
- World Scientific and Engineering Academy and Society - WSEAS (2006-2010)

Projects

- Type B (Supported by Ministry of National Education and Culture)
  Project Title: New Techniques for Finding Generating Function
  Principle Investigator: Mehmet Ali Özarslan
  Investigator: Emine Özergin (April 2009- 2011)

- Type A (Supported by Eastern Mediterranean University)
  Project Title: q-Parametric Positive Linear Operators

  Principle Investigator: Nazım Mahmudov
  Investigators: Mehmet Ali Özarslan, Pembe Sabancıgil (September 2007- 2009)

- Type B (Supported by Ministry of National Education and Culture)
  Project Title: Solution of Initial value problem by q-Meyer-König-Zeller operators
  Principle Investigator: Nazım Mahmudov
  Investigators: Mehmet Ali Özarslan, Hüseyin Aktuğlu (November 2007- January2009)

International Contributed Talks

- **M.A. Özarslan**, Hermite-based unified Apostol-Bernoulli, Euler and Genocchi Polynomials**,'**International Congress in Honour of Professor Hari M. Srivastava', Uludağ University, Bursa-Turkey, August 23-26, 2012.

- **M.A. Özarslan**, B. Yılmaz, A set of Finite Order Differental Equations for the Appell Polynomials, ' International Congress on Computational and Applied Mathematics' – ICCAM 2012, Gent-Belgium, July 09-13, 2012.

- **M.A. Özarslan,** Apostol-Lagrange-Bernoulli and Apostol-Lagrange-Euler polynomials, Intenational Conference on Applied Mathematics and Algebra, İstanbul-Turkey, June 29-July 2, 2011.

- **M. A. Özarslan**, Some Families of Generating Functions for the Extended Srivastava Polynomials, 'International Congress in Honour of Professor H. M. Srivastava on his 70th Birth Anniversary', Bursa-Turkey, August 18-21, 2010.

- A. Altın, O. Doğru and **M. A. Özarslan**, On the Approximation Properties of Bivariate Bleimann, Butzer and Hahn Operators 'WSEAS VIII. International Conference on Applied Mathematics', Tenerife-Spain, December 16-18, 2005.

- A. Altın, O. Doğru and **M. A. Özarslan**, Rates of Convergence of Meyer-König and Zeller Operatos Based on q-Integers, 'WSEAS VIII. International Conference on Applied Mathematics', Tenerife-Spain, December 16-18, 2005.

- A. Altın, O. Doğru and **M. A. Özarslan**, Kantorovich Type Generalization of Positive Linear Operators, 'WSEAS VI. International Conference on Applied Mathematics', Corfu-Greece, August 17-19, 2004.

Courses Taught

Course Code	Undergraduate	Course Code	Graduate
MATE 105	Analysis I	MATH 501	Analysis
MATE 205	Analysis III	MATH 564	Special Functions
MATE 206	Analysis IV	MATH 554	Special Functions by Continued Fractions
MATE 301	Complex Analysis I	MATH 502	Complex Analysis
MATE 302	Complex Analysis II	MATH 553	Approximation Properties of Linear Positive Operators
MATE 403	Applied Mathematics	MATH 551	Selected Topics in Analysis
MATH 337	Theory of Partial Differential Equations	MATH 563	Selected Topics in Functional Analysis
MATE 202	Differential Equations	MATH576	Fractional Calculus
MATE 491	Bernstein Polynomials	MATH663	Hypergeometric Type Orthogonal Polynomials
MATE 217	Linear Algebra I		
MATE 218	Linear Algebra II		
MATH 241	Linear Algebra and Differential Equations		
MATE 303	Differential Geometry I		
MATE 304	Differential Geometry II		
MATH 151	Calculus I		
MATH 152	Calculus II		
MATE 155	Abstract Mathematics		

Administirative Duties in the University

- Member of Board of Faculty of Arts and Sciences in Eastern Mediterranean University (2010-2011), (2013-present)
- Member of Research Advisory Board. (Representative of Faculty of Art and Sciences) in Eastern Mediterranean University (2010-present)
- Member of Administirative Board of "Mobile Heath Research and Application Center (2014-present).
- Member of Gradute Committee, Department of Mathematics, Eastern Mediterranean University, 2005-2011.
- Member of the Curriculum Committee, Department of Mathematics, Eastern Mediterranean University, 2005-2011.
- Head of Gradute Committee, Department of Mathematics, Eastern Mediterranean University, 2011-present.

Administirative Duties in the Conferences or Competitions

- Member of Program Committee, "6 th WSEAS International Conference on Applied Mathematics", Corfu, Greece, August, 2004.
- Member of Program Committee, "8 th WSEAS International Conference on Applied Mathematics'',Tenerife, Canary Islands, Spain, December, 2005.
- Member of Program Committee, "12 th WSEAS International Conference on Applied Mathematics", Cairo, Egypt, December, 2007.
- Member of the Local Organizing Committee, "Mathematical Analysis, Differential Equations and their Applications", Gazimağusa, KKTC, September, 2008.
- Conference Chair: ''International Congress in Honour of Professor Hari M. Srivastava", Uludağ University, Bursa-Turkey, August 23-26, 2012.
- Onay Fadıl Demirciler Mathematics Competition Referee.