

## ÖZGEÇMİŞ

1. Adı Soyadı : Charyyar Ashyralyyev  
2. Doğum Tarihi: : 22/09/1964  
3. Ünvanı: : Prof.Dr.  
4. Öğrenim Durumu

Derece	Alan	Üniversite	Yıl
Lisans+Y.Lisans	Matematik	Novosibirsk Devlet Üniversitesi, Rusya	1986
Tez başlığı "Tekil Matris Işınlarnın Hesaplanmasında Ortaya Çıkan Problemler" Tez danışmanı Prof. Dr. S.K.Godunov			
Doktora	Matematik	Novosibirsk Devlet Üniversitesi, Rusya	1991
Tez başlığı "Serbest sınırlı hidrodinamik problemlerin spline yaklaşımı" Tez danışmanı Prof. Dr. V.N.Monakhov			

### 5. Akademik Unvanlar

- Yrd Doç. Dr. : 1992-1994  
Doç. Dr. : 1994-2015  
Prof. Dr : 2015-

### 6. Yönetilen Yüksek Lisans ve Doktora Tezler

#### 6.1. Yüksek Lisans

1. Gülzipa Akyüz, Dirichlet koşullu bitsadze-samarskii tipi üstbelirli eliptik probleminin kararlılık analizi, 2017
2. Aysel Çay, İntegral koşullu Neumann tipi eliptik ters problemin iyi tanımlılığı, 2018
3. Beyza Öztürk, Karmaşık değerli fonksiyonların türevlerinin sonlu farklar ile bazı yaklaşımları, 2018
4. Suzan Karabey, *Neumann tipi çok noktalı üst belirli karışık sınır değer problemlerin sayısal çözümleri*, 2019
5. Sedanur Efe, İki boyutlu potansiyel ve singüler integrallerin bazı yaklaşımları, 2019
6. Pinar Akkan, Parabolik denklemler için çok noktalı lokal olmayan sınır değer özdeşleştirme problemi, 2020
7. Ahmet Gonenc, İkinci tip sınır değer ve integral koşulları ile lokal olmayan ters parabolik problem için fark şemaları, 2021
8. Rükiye Açikel, Parabolik denklemler için integral tipi sınır değer problemleri (2023 yılında planlanan mezuniyet)
9. Abdullah Necati Doğan, Kesirli parabolik diferansiyel denklem için kaynak tanımlama problemi (2023 yılında planlanan mezuniyet)

## 6.2. Doktora

1. Mutlu Dedetürk, Üstbelirlenimli eliptik diferensiyel denklem için ters problemin iyi tanımlılığı, 2015 (ortak danışman Prof.Dr. A.Ashyralyev)
2. Gülzipa Akyüz, Yerel olmayan sınır koşullu ters eliptik problemleri için yüksek mertebeden fark şemaları, 2021
3. Suzan Karabey, Eliptik kaynak belirleme karışık sınır değer problemlerinin iyi tanımlılığı (2025 yılında planlanan mezuniyet)

## 7. Yayınlar

### 7.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI & SSCI & Arts and Humanities)

1. C. Ashyralyev, On the stable difference scheme for source identification nonlocal elliptic problem, *Mathematical Methods in Applied Sciences*, doi: 10.1002/mma.8656, pp.1-12, 2022.
2. C. Ashyralyev, On the second order of accuracy stable difference scheme for integral type non-local elliptic source identification problem, *Computational and Applied Mathematics*, 41:179 , pp. 1-16, 2022.
3. A.Ashyralyev, C. Ashyralyev, On the stability of parabolic differential and difference equations with time-nonlocal condition, *Computational Mathematics and Mathematical Physics*, 62(6), pp. 994–1006, 2022.
4. A.Ashyralyev, A. Al Hammouri, C. Ashyralyev, On the absolute stable difference scheme for the space wise dependent source identification problem for elliptic telegraph equation, *Numerical Methods for Partial Differential Equations*, 37(2), pp. 962-986, 2021.
5. C.Ashyralyev, Stability of Rothe difference scheme for the reverse parabolic problem with integral boundary condition, *Mathematical Methods in Applied Sciences*, 43, pp. 5369–5379, 2020.
6. C.Ashyralyev, P.Akkan, Source identification problem with multi point nonlocal boundary condition for parabolic equation, *Numerical Functional Analysis and Optimization*, 41(16), pp. 1913-1935, 2020.
7. C.Ashyralyev, G.Akyüz, Finite Difference Method for Bitsadze-Samarskii Type Overdetermined Elliptic Problem with Dirichlet Conditions, *Filomat*, 32(3), pp. 859–872, 2018.
8. C.Ashyralyev G.Akyüz, M. Dedetürk, Approximate solution for an inverse problem of multidimensional elliptic equation with multipoint nonlocal and Neumann boundary conditions, *Electronic Journal of Differential Equations*, Vol. 2017, No. 197, pp. 1-16, 2017.
9. C.Ashyralyev, A fourth order approximation of the Neumann type overdetermined elliptic problem, *Filomat*, 31(4), pp. 967–980, 2017.
10. C.Ashyralyev, Numerical solution to Bitsadze-Samarskii type elliptic overdetermined multipoint NBVP, *Boundary Value Problems*, 2017:74, pp. 1-22, 2017.

11. C.Ashyralyyev, Stability Estimates for Solution of Neumann Type Overdetermined Elliptic Problem, *Numerical Functional Analysis and Optimization*, 38(10), pp. 1226–1243 2017.
12. C.Ashyralyyev, M. Dedetürk, Approximation of the inverse elliptic problem with mixed boundary value conditions and overdetermination, *Boundary Value Problems*, 2015:51, pp. 1-15, 2015.
13. C.Ashyralyyev, Y.Akkan, Numerical solution to inverse elliptic problem with Neumann type overdetermination and mixed boundary conditions, *Electronic Journal of Differential Equations*, Vol. 2015, No. 188, pp. 1-15, 2015.
14. Ashyralyyev, High order of accuracy difference schemes for the inverse elliptic problem with Dirichlet condition, *Boundary Value Problems*, 2014:5, pp. 1-23, 2014.
15. Ashyralyyev, C. Ashyralyyev, On the problem of determining the parameter of an elliptic equation in a Banach space, *Nonlinear Analysis: Modelling and Control*, Vol. 19, No 3, pp. 350-366, 2014.
16. C.Ashyralyyev, High order approximation of the inverse elliptic problem with Dirichlet-Neumann conditions, *Filomat* 28:5, pp. 947–962, 2014.
17. C.Ashyralyyev, M.Dedetürk, Approximate solution of inverse problem for elliptic equation with overdetermination, *Abstract and Applied Analysis*, Volume 2013, Article ID 548017, pp. 1-11, 2013.
18. C. Ashyralyyev, O. Demirdag. The Difference Problem of Obtaining the Parameter of a Parabolic Equation. *Abstract and Applied Analysis*, Volume 2012, Article ID 603018, pp. 1-14, 2012.
19. C. Ashyralyyev, A. Dural and Y Sozen, Difference method for the reverse parabolic problem, *Abstract and Applied Analysis*, Volume 2012, Article ID 294154, pp. 1-17, 2012.

## **7.2. Uluslararası hakemli diğer dergilerde yayınlanan makaleler**

1. C.Ashyralyyev, A.Gönenç, Crank-Nicolson difference scheme for reverse parabolic nonlocal problem with integral and Neumann boundary conditions, *International Journal of Applied Mathematics*, 34(2), pp. 273-282, 2021.
2. C.Ashyralyyev, G.Akyüz, On fourth order accuracy stable difference scheme for a multi-point overdetermined elliptic problem, *Bulletin of the Karaganda University-Mathematics*, 102(2), pp. 45-53, 2021.
3. C.Ashyralyyev, The second order of accuracy difference scheme for reverse parabolic boundary value problem with integral condition, *Proceedings of the Institute of Mathematics and Mechanics, National Academy of Sciences of Azerbaijan*, 46 (2), pp. 346–359, 2020.
4. C. Ashyralyyev, A. Cay, Numerical solution to elliptic inverse problem with Neumann-type integral condition and overdetermination, *Bulletin of the Karaganda University-Mathematics*, 99(3), pp. 7-19, 2020.
5. A.Ashyralyyev, C.Ashyralyyev, V.G. Zvyagin, A note on well-posedness of source identification elliptic problem in a Banach space, *Bulletin of the Karaganda University-Mathematics*, 99(3), pp. 98-106, 2020.

6. C.Ashyralyyev, S.Efe, Second order approximation two dimensional potential and singular integrals, e-Journal of Analysis and Applied Mathematics, 2019(1), pp. 68-83, doi:1.2478/ejaam-2019-0005, 2019.
7. C.Ashyralyyev, B.Öztürk, Some approximations of second order derivatives complex-valued functions. Bulletin of the Karaganda University-Mathematics, 91(3), pp. 17-23, 2018.
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9. C.Ashyralyyev, M.Dedetürk, A finite difference method for the inverse elliptic problem with the Dirichlet condition, Contemporary Analysis and Applied Mathematics, Vol.1, No.2, pp. 132-155, 2013.

### 7.3. Bidiriler

1. C.Ashyralyyev, A.Gönenç, Numerical solution of the nonlocal reverse parabolic problem with second kind boundary and integral conditions, AIP Conference Proceedings, Vol.2325, 020005, 2021.
2. C.Ashyralyyev, G.Akyüz, Stability estimates for a third order of accuracy difference scheme elliptic overdetermined multi-point problem, AIP Conference Proceedings, Vol.2334 060011, 2021.
3. C.Ashyralyyev, On stable difference scheme for identification elliptic problem with integral and second kind boundary condition, AIP Conference Proceedings, Vol.2334 060010, 2021.
4. A.Ashyralyev, C.Ashyralyyev, V.G. Zvyagin, On well-posedness of source identification elliptic problem with nonlocal boundary conditions, AIP Conference Proceedings, Vol.2325, 020021, 2021.
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6. A.Ashyralyev, C. Ashyralyyev, Preface of Numerical Functional Analysis, AIP Conference Proceedings, Vol.2183, 070001, 2019.
7. C.Ashyralyyev, S. Karabey, Numerical Solution of Neumann Type Elliptic Overdetermined Multipoint Mixed Boundary Value Problem, AIP Conference Proceedings, Vol.2183, 070021, 2019.
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10. C.Ashyralyyev, G. Akyüz, A third order of accuracy difference scheme for Bitsadze-Samarskii type elliptic overdetermined multi-point problem, AIP Conference Proceedings, Vol. 1997, 020003, 2018.

11. C.Ashyralyyev, M. Dedetürk, A third order of accuracy difference scheme for Dirichlet type overdetermined problem with mixed boundary value conditions, AIP Conference Proceedings, Vol. 1759, 020042, 2016.
12. C.Ashyralyyev, G. Akyüz, Stability estimates for solution of Bitsadze-Samarskii type inverse elliptic problem with Dirichlet conditions, AIP Conference Proceedings, Vol. 1759, 020129, 2016.
13. C.Ashyralyyev, Well-posedness of a fourth order of accuracy difference scheme for the Neumann type overdetermined elliptic problem, AIP Conference Proceedings, Vol. 1676, 020007, pp. 1-6, 2015.
14. C.Ashyralyyev, Inverse Neumann problem for an equation of elliptic type, AIP Conference Proceedings, Vol. 1611, pp. 46-52, 2014.
15. C.Ashyralyyev, M. Dedetürk, Approximation of the inverse elliptic problem with mixed boundary value conditions, AIP Conference Proceedings, Vol. 1611, pp. 25-29, 2014.
16. C.Ashyralyyev, Z. Cakir, Note on small singular values of sequences of matrices, AIP Conference Proceedings, Vol. 1611, pp. 167-171, 2014.
17. C.Ashyralyyev, Z. Cakir, Approximate solution of the two-dimensional singular integral equation, AIP Conference Proceedings, Vol. 1611, pp. 73-77, 2014.
18. C. Ashyralyyev, A.Dural, Y. Sozen, Finite difference method for the reverse parabolic problem with Neumann condition, AIP Conference Proceedings, Vol. 1470, pp.102-105, 2012.

#### **7.4. Uluslararası kitaplar veya kitaplardaki bölümler**

1. C.Ashyralyyev, 2021. Identification elliptic problem with Dirichlet and integral conditions, Chapter in Springer Proceedings in Mathematics & Statistics, v. 351, Functional Analysis in Interdisciplinary Applications—II, pp. 63-73.
2. Edited by A.Ashyralyev, C.Ashyralyyev, A.S.Erdogan, A. Lukashov, M. Sadybekov, 2021. "Fifth International Conference on Analysis and Applied Mathematics" (ICAAM 2020). AIP Conference Proceedings, Vol. 2325.
3. Edited by H. Cakalli, LDR Kocinac, A. Ashyralyev, R. Harte, M. Dik, I.Canak, HS Kandemir, M. Tez, O. Gurtug, E.Savas, KU Akay, FC Ucgun, S. Uyaver, C. Ashyralyyev, SA Sezer, AD Turkoglu, OR Onvural, H: Sahin, 2021. Fourth International Conference of Mathematical Sciences (ICMS 2020) , AIP Conference Proceedings, Vol. 2334.
4. Edited by C.Ashyralyyev and E.Hincal, 2020. ABSTRACT Books of ICAAM 2020, Near East University, Nicosia (Lefkoşa), KKTC.
5. Edited by C.Ashyralyyev and E.Hincal, 2018. ABSTRACT Books of ICAAM 2018, Near East University, Nicosia (Lefkoşa), KKTC.
6. Edited by C.Ashyralyyev, Z.Cakir, D. Agirseven, 2014. ABSTRACT Books of ICAAM 2014, M. Auezov South Kazakhstan State University Shymkent, Kazakhstan.

## 7.5. Ulusal hakemli dergilerde yayımlanan makaleler

1. C.Ashyralyev, Variation methods of the solution modifying mixed boundary problem for analytical function, *Dinamika Sploshnoi Sredy*, Vol. 96, Novosibirsk, Russia, pp. 9-21, 1990.
2. C.Ashyralyev, V.N. Monakhov, Iterative algorithm of solving of the two-dimensional singular integral equations, *Dinamika Sploshnoi Sredy*, Vol. 101, pp. 21-30, Novosibirsk, Russia, 1991.
3. C.Ashyralyev, Numerical algorithm of the solution axisymmetric problem of flow with frees boundary. *Labour of the Conference Differential Equations and their Applications*. Ashgabat, pp. 11-18, 1993.
4. C. Ashyralyev, Numerical algorithm of the solution of plane problem of flow with any linear boundary *Labour of Institute Mathematics and Mechanics of Academy of Sciences Turkmenistan*, Ashgabat, Vol. 1, 144-156, 1994.
5. A.Ashyrov, C. Ashyralyev, Minimisation problem of cavitating flow, *Labour of Institute Mathematics and Mechanics of Academy of Sciences Turkmenistan*, Ashgabat, Vol. 1, pp. 137-144, 1994.
6. C. Ashyralyev, Spline-approximation of the solution variation problem. *Labour of Institute Mathematics and Mechanics of Academy of Sciences Turkmenistan*, Ashgabat, Vol. 3, pp. 105-108, 1995.
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8. C. Ashyralyev, V.N. Burmistrova, Discretization of ill-posed problem for parabolic equation, *Labour of Institute Mathematics and Mechanics of Academy of Sciences Turkmenistan*, Ashgabat, Vol. 4, 1995.
9. C. Ashyralyev, S. Anyyeva, Iteration Algorithm for solution Dirihlet problem of elliptical system equations in complex plane, In: *Modelling of the extraction of gas location and applied problems of theoretical hydro-gas Dynamics*, Ylym, Turkmenistan, Ashgabat, pp. 100-110, 1998.
10. S.S.Batyrov, A.N.Muradov, A. Ashyralyev, Ch. Ashyralyev, I.I. Lurieva, D.Annamammedov, Numerical modelling of stabilisation of oil pressure in stratum, In: *Modelling of the extraction of gas location and applied problems of theoretical hydro-gas Dynamics*, Ylym, Turkmenistan, Ashgabat, pp. 110-117, 1998.
11. S.S.Batyrov, A.N.Muradov, A.Ashyralyev, Ch.Ashyralyev, I.I. Lurieva, D.Annamammedov, Algorithm for solution of back filtering problem in carbolantly collectors. In; *Modelling of the extraction of gas location and applied problems of theoretical hydro-gas Dynamics*, Ylym, Turkmenistan, Ashgabat, pp. 117-122, 1998.
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## 7.6. Ulusal konferanslardaki bildiriler

1. C. Ashyralyyev, Numerical algorithm of the solution mixed boundary problem for analytical function. Abstract of the 7th All-Union School on theory differential equations for hydrodynamic problems, Barnaul, USSR, 1989.
2. C. Ashyralyyev, Calculation plain cavitating flows with any linear boundary, in: Abstracts of the All-Union Conference on differential equations and optimal control, Ashgabat, USSR 1990.
3. C. Ashyralyyev, Calculation cavitating flows with any boundary, in: Abstracts of the School of the Siberian Young Mathematics, Novosibirsk, USSR 1990.
4. C. Ashyralyyev, Calculation some mixed boundary problem for analytical function, in: Abstracts of the 3rd Pontryagin's School on Optimal Control, Geometry and Analyses, Kemerovo, USSR 1990.
5. C. Ashyralyyev, A.Ashyrov, Numerical algorithm of the solution plane optimization problem of flow with any linear cavitators. Abstracts of the Conference "Problems of the hydrodynamic", Ashgabat, Turkmenistan, 1993.
6. C. Ashyralyyev, Spline approximation hydrodynamic problems with free boundary. Abstracts of the scientific-methodical conference of higher educational institutions of Turkmenistan: " Problems of computerisation of Higher Schools of Turkmenistan in the light of new policy in the field of Education, proclaimed by the president Saparmurat Turkmenbashi", Ashgabat: RIPO, Ilham, Turkmenistan .1994 .
7. C. Ashyralyyev, Optimisation problem of flows with free boundary. Conference of young scientist of Turkmenistan, Ashgabat, Turkmenistan .1994.
8. C. Ashyralyyev, Spline approximation in calculation twodimensional singular integral equations. Conference of young scientist of Turkmenistan, Ashgabat, Turkmenistan .1994.
9. C. Ashyralyyev, Numerical algorithm of solution of the Dirihlet problem for quazilinear system of elliptic equations. Conference "Young scientists of Turkmenistan and modern direction of scientific investigations", Ashgabat, Turkmenistan, 1995.
10. C. Ashyralyyev, Iteration method of solution of the mixed problem for kwazilinear system of elliptic equations. Conference "Young scientists of Turkmenistan and modern direction of scientific investigations", Ashgabat, Turkmenistan, 1995.
11. C. Ashyralyyev, An estimation of the norm of some operator. Conference of young scientists, Ashgabat, Turkmenistan, 1996.
12. C. Ashyralyyev, R.Reimbayev, Numerical calculation of solution of one difference scheme for parabolic equation, Conference of young scientists, Ashgabat, Turkmenistan, 1996.
13. C. Ashyralyyev, I.I.Luryeva, A.N.Muradov, Calculation pressure on horizontal reservoirs. Scientific-technical conference of young scientists, Ashgabat, Turkmenistan, 1996.
14. C. Ashyralyyev, S.Halbayev, Numerical solution of nonlocal boundary value problem, Amaly ylymy konferensiya, Turkmenabat, Ylym, Turkmenistan, 2009.

## 7.7. Diğer bildiriler

1. A.Ashyralyev, C.Ashyralyyev, The second order of accuracy difference schemes for integral type time-nonlocal parabolic problems, The 9th International Conference on Differential and Functional Differential Equations Moscow, Russia, June 28 – July 5, 2022.
2. C.Ashyralyev, Numerical solution of Neumann-type elliptic SIP with non-local integral and mixed boundary conditions, 6th International Conference of Mathematical Sciences (ICMS 2022) 20-24 July 2022, Maltepe University, Istanbul, Turkey.
3. A.Ashyralyev, H. Al-Hazaimeh, C.Ashyralyyev, An approximation to the solution of the solution of the two dimensional source identification telegraph problem with Dirichlet condition, 6th International Conference of Mathematical Sciences (ICMS 2022) 20-24 July 2022, Maltepe University, Istanbul, Turkey.
4. C.Ashyralyev, Numerical solution to elliptic source identification problem with non-local integral condition, Satellite Conference “Numerical Functional Analysis - 2021” of ICAAM24-26 November, Isanbul
5. C.Ashyralyev, Note on the second order of accuracy difference scheme for source identification elliptic problem wih integral condition, International Conference «Modern Problems of Applied Mathematics and Information Technology al-Khwarizmi 2021» 15-17 November, 2021, Uzbekistan,Tashkent, Fergana
6. C.Ashyralyyev, On numerical solution of inverse elliptic problem with non-local integral condition, International Conference "Mathematical Modeling, Inverse Problems and Big Data", 18-23 July 2021, Yakutsk, Russian Federation.
7. Ashyralyev, C.Ashyralyyev, Highly accurate difference schemes for the integral type time-nonlocal problems for the parabolic equation, International Scientific and Practical Conference "Problems of Modern Fundamental and Applied Mathematics" , 04 June 2021, Almaty, Kazakhstan
8. C.Ashyralyyev, Source identification problem for parabolic equation with nonlocal and second kind boundary conditions, Scientific Conference Science, technology and development of innovative technologies» dedicated to the 30th anniversary of Independence of Turkmenistan , 13 June 2021, Ashgabat, Turkmenistan.
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  17. C.Ashyralyyev, S.Karabey, Numerical solution of Neumann type elliptic overdetermined multipoint mixed boundary value problem, International Conference of Mathematical Sciences (ICMS 2019), 04 September - 08 September 2019, Maltepe University, Istanbul, Turkey.
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- Algebra and Analysis with Applications, ICRTAAA-2014, Aligarh Muslim University, Aligarh, India, February, 2014.
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  38. C. Ashyralyev, S.Anyyeva, Numerical Algorithm for solving of mixed problem of quasilinear elliptic system of equations. 1<sup>st</sup> Int. Turkish World Mathematics Symposium, Elazig, Turkey, 1999.

39. C. Ashyralyev, Iteration algorithm of numerical solution of the multidimensional singular integral equations. International conference “Problems of mathematics and economical models of Turkmenistan”, Ashgabat, Turkmenistan, 1995.
40. C. Ashyralyev, Numerical algorithm of the calculation of the problem of stream fluid with minimal resistance, International Workshop on New computer technologies in control systems, Peleslavl-Zaleski, Russia, 1994.
41. C. Ashyralyev, Numerical algorithm of solution of the multidimensional singular integral equations, 4th International Colloquium on differential equations, Plovdiv, Bulgaria, 1994.

## 7.8. Ulusal ders ve araştırma kitapları

1. C.Ashyralyev, Y.Akkan, Z.Çakır, A.Gokdogan, Çözümlü problemlerle kısmi diferensiyel denklemler, Gümüşhane Üniversitesi yayınları, 2014.
2. C.Ashyralyev, S.Soltanov, G.Annakova. Programming Technologies, TAU, Ashgabat, 2012 (Turkmençe).
3. C.Ashyralyev, S.Soltanov. Computerized Data Analyses, TAU,Ashgabat, 2011 (Turkmençe).
4. C.Ashyralyev, M.Churiyev, S.Halbayev. English-Turkmen Dictionary of Computer Terms, TAU, Ashgabat, 2010.
5. C.Ashyralyev. Computer technologies, TDNG, Ashgabat, 2008 (Turkmençe).
6. C.Ashyralyev, B.Atajanov. Computer science and information technologies for 9th class of secondary school, TDNG, Ashgabat, 2008 (Turkmençe)
7. C.Ashyralyev, Computer technology,TDKP, Ashgabat, 2007 (Turkmençe).
8. C.Ashyralyev, Numerical algorithms of the solution for singular integral equations and their applications in hydrodynamics, Ylym, Ashgabat, 1994 (Rusça).

## 8. Projeler

1. TEMPUS project “Development of Agricultural Education in Cooperation with European Universities” (CD\_JEP\_25064-2004, 2005-2009, Yerel Kordinatör).
2. TEMPUS project “Innovative Education for Sustainable Agro-Industrial and Rural Development in Turkmenistan” (CD\_JEP-26156-2005, Yerel Yönetici), 2006-2010.
3. TEMPUS project “Development of International Relations related to the Needs of the Higher Educational System of Turkmenistan (DoIT)” (158887-TEMPUS-1-2009-1-ES-TEMPUS-SMGR, Yerel Kordinatör) 2010-2012.
4. Modeling the processes in exploration of gas deposits and applied problems of theoretical gas hydrodynamics, Project of the Higher Scientific Committee of Turkmenistan, Ashgabat, Turkmenistan, 1999-2000.
5. Numerical Methods for Modeling the Processes in Exploration of Gas Deposits and Applied Problems of Theoretical Gas Hydrodynamics, Supreme Council on science and technology under the President of Turkmenistan, 1997-1998.

6. Spline approximation for solving problems of flow around an incompressible axisymmetric fluid flow, Institute Mathematics and Mechanics Academy of Science Turkmenistan, 1992-1994

## 9. İdari görevler

1. Türkmen Zirat Üniversitesi Bigisayar Tehnolojisi Bölüm Başkanı, Aşgabat, Türkmenistan (1994-1997, 1999-2012)
2. Gümüşhane Üniversitesi Kalite Kordinatör Yardımcısı (2000-2022).

## 10. Bilimsel ve Mesleki Kuruluşlara Üyelikler

1. Co-Chair of Sixth International Conference on Analysis and Applied Mathematics (ICAAM2022), Antalya, Turkey, 2022.
2. Member of Editorial Board of the Journal of New Results in Science, Tokat Gaziosmanpasa University (2021- )
3. Gumushane University Journal of Science and Technology Institute, Editorial Advisory Board (2017- .
4. Member of Editorial Board of Pure and Applied Mathematics Journal (2015-2022).
5. Member of Editorial Board of Science Journal of Applied Mathematics and Statistics (2015-2022) .
6. Member of International Scientific Committee and Co-Organizer of Numerical Functional Analysis Section of Six International Conference of Mathematic Sciences (ICMS2022), 2022
7. Member of International Program Committee of International Conference Contemporary Mathematics and its Application Uzbekistan,Tashkent, 2021.
8. Member of International Program Committee of International Conference «Modern Problems of Applied Mathematics and Information Technology al-Khwarizmi 2021» Uzbekistan,Tashkent, Fergana, 2021.
9. Member of International Scientific Committee and Co-Organizer of Numerical Functional Analysis Section of Fifth International Conference of Mathematic Sciences (ICMS2021), 2021
10. Member of Program Committee of International Conference “Mathematical Modeling, Inverse Problems and Big Data”, Yakutsk, Russian Federation, 2021.
11. Member of Scientific Committee of International Online Conference on Engineering and Natural Sciences (IOCENS21), Gumushane, Turkey, 2021.
12. Member of International Organizing Committee of Fifth International Conference on Analysis and Applied Mathematics, Girne, Mersin 10, Turkey (ICAAM2020)
13. Member of International Scientific Committee and Co-Organizer of Numerical Functional Analysis Section of Fifth International Conference of Mathematic Sciences, Istanbul, June 17-20, 2020 (ICMS2020)
14. Member of International Organizing Committee of Fourth International Conference on Analysis and Applied Mathematics, Nicosia (Lefkoşa), Mersin 10, Turkey (ICAAM2018)
15. Editor of Section Mathematics, Trakya University Journal of Natural Sciences (2015-2016)

16. Member of International Organizing Committee of International Conference on Advancements in Mathematical Sciences (AMS), November 5-7, Antalya, Turkey, 2015
17. Second International Conference on Analysis and Applied Mathematics, Shymkent, Kazakhstan, September 11-13, 2014 (ICAAM2014)
18. Member of Organizing Committee of First International Conference on Analysis and Applied Mathematics, Gumushane, Turkey, October 18-21, 2012 (ICAAM2012)
19. Uluslararası derilerde hakemlikler
  - Turkish Journal of Mathematics (2019,2021,2022)
  - Hacettepe Journal of Mathematics and Statistics (2018)
  - An International Journal of Optimization and Control: Theories & Appl.(2018)
  - Inverse Problems (2015,2016,2017)
  - Filomat (2016,2017,2018)
  - Applied Mathematics and Computation (2017)
  - Mathematical Methods in the Applied Sciences (2017)
  - Measurement Science and Technology (2016)
  - Science Journal of Applied Mathematics and Statistics (2017)
  - Pure and Applied Mathematics Journal (2016)
  - Abstract and Applied Analysis (2013)
  - Advances in Difference Equations (2014)
  - Mathematical Modelling and Analysis (2014)
  - Applied Mathematics & Information Sciences (2015)
  - Bulletin of the Karaganda University (2018,2020)
  - AIP Conference Proceedings (2014-2016,2018-2022)
  - Gumushane University Journal of Science and Technology Institute (2017-2022)
20. Higher Education Expert of Turkmenistan (2010-2012)
21. Member of Educational and Methodical Commission of the Ministry of Education of Turkmenistan on Computer Science and Information Technologies
22. (1995-2000, 2008-2012)
23. Member of Organizing Committee of Mathematical Olympiads, Turkmenistan
24. (2002-2010)
25. Member of Organizing Committee of Computer Olympiads, Turkmenistan
26. (1998-2002, 2011)
27. Member of the Organizing Committee of Scientific and Methodical Conference, Ashgabat, Turkmenistan (1997)
28. Member of Organizing Committee of Conference of Young Scientists Turkmenistan (1996)
29. Member of Editorial Board of JOURNAL "Labour of Institute Mathematics and Mechanics of Academy of Sciences Turkmenistan", Ashgabat, Turkmenistan (1994-1995)
30. Member of the Organizing Committee of International Workshop on new computer technologies in control systems, Pereslavl-Zalesski, Russia (1994)
31. Member of the Organizing Committee of Conferences on Differential Equations and Their Applications (1993)
32. Member of the Special Committee of Examination on Ph.D Thesis, Ashgabat, Turkmenistan (1991-1993)

## 11. Ödüller

1. Türkmenistan'ın En İyi Genç Araştırmacısı Ödülü (1994)
2. Tübitak yayın teşvik ödülü (13 adet, 2013-2021)

## 12. Son iki yılda Lisans, Yüksek Lisans ve Doktora düzeyinde verdiği derler

Yıl	Dönem	Ders kodu ve adı	Haftadaki Saat		Öğr. sayısı
			Teoricak	Pratik	
2020-2021	Güz	MATMSEC201 Matris Analizi	3	0	4
		MATMSEC311 Lineer Programlama	3	0	6
		MATM5061 Kısmi Diferansiyel Denklemler Teorisi	3	0	23
		MATM6021 İntegral Denklemler ve Uygulamaları	3	0	1
		MATM 5010 Uzmanlık Alan Dersi	4	0	2
	Bahar	MATM5044 İntegral Dönüşüm Yöntemleri ve Uygulamaları	3	0	19
		MATM6050 Yaklaşım Terisi	3	0	2
		MATM234 Diferansiyel Denklemler II	4	0	7
		MATMSEC404 İntegral Denklemler	3	0	10
		MATM 5010 Uzmanlık Alan Dersi	2	0	29
2021-2022	Fall	MATMSEC201 Matris Analizi	3	0	5
		MATMSEC311 Lineer Programlama	3	0	3
		MATM233 Diferansiyel Denklemler I	4	0	6
		MATM5061 Kısmi Diferansiyel Denklemler Teorisi	3	0	8
		MATM6029 Banach Uzaylarında Pozitif Operatörler	3	0	2
		MATM 5010 Uzmanlık Alan Dersi	4	0	4
	Spring	MATM5044 İntegral Denklemler ve Uygulamaları	3	0	10
		MATM6050 Yaklaşım Teorisi	3	0	2
		MATM238 Matlab ile Sayısal Yöntemler	3	2	5
		MATM234 Diferansiyel Denklemler II	4	0	3
MATM 5010 Uzmanlık Alan Dersi		4	0	4	