


RESUME

<p>IDENTIFICATION DATA</p> <p><u>Name : ISAMIDDIN S. RAKHIMOV,</u></p> <p style="text-align: center;"><u>Professor, Dr.</u></p> <p>Address : Department of Mathematics, Faculty of Science, Universiti Putra Malaysia, 43400 UPM, Serdang, Selangor Darul Ehsan, Malaysia</p> <p>Phone : (603)-8946-6831 (office)</p> <p>e-mail : risamiddin@gmail.com rakhimov@upm.edu.my</p> <p>Website : http://profile.upm.edu.my/rakhimov</p>	
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Gender	Male
Date and place of birth	10/10/1956, Bukhara, Uzbekistan
Nationality	Uzbek
Citizenship	Uzbekistan
Family status	Married, two children
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Mailing Address: (Malaysia)	43400, Dept. of Mathematics, FS, UPM, Serdang, Selangor Darul Ehsan, Malaysia .
Languages	Uzbek, Russian – native speaker; English – fluent, Bahasa Malayu – conversational level.

I. ACADEMIC DEGREES

1.	Doctor of Sciences	Doctor of Sciences in Physics and Mathematics, Institute of Mathematics, Academy of Sciences Republic of Uzbekistan, Tashkent, 2011
2.	PhD degree	Ph.D. in Physics and Mathematics from the University of

		Leningrad (now Saint Petersburg) in December 27, 1985, ΦM No: 026121 May 7, 1986, Leningrad, Russia.
3.	MSc. Degree	Faculty of Mathematics and Mechanics of Leningrad State University (now Saint Petersburg State University) in 1979 qualified as Mathematician, Teacher. Γ-1 No 780679, July 5, 1979, Leningrad, Russia.
4.	Certificate	Republican Special Physics and Mathematics High School, June, 1973. Tashkent, Uzbekistan.

II. EDUCATION

N	Academic institutions	Type of position	Commencement date	Date of end
1.	Leningrad State University, Leningrad (now Sankt Petersburg) city, Russia.	PhD student	December 1982	December 1985
2.	Leningrad State University, Leningrad (now Sankt Petersburg) city, Russia .	Scientific researcher	December 1980	December 1982
3.	Leningrad State University, Leningrad (now Sankt Petersburg)city, Russia.	Student	September 1976	July 1979.

III. PROFESSIONAL EXPERIENCES AND APPOINTMENTS

N	Employer	Type of position	Commencement date of service	Date of end of services
1.	Dept. of Mathematics, Faculty of Science, Universiti Putra Malaysia, Malaysia.	Professor	October 2015	
2.	Dept. of Mathematics, Faculty of Science, Universiti Putra Malaysia, Malaysia.	Professor (Parttime)	June 2015	September 2015
3.	Dept. of Mathematics, Faculty of Science, Universiti Putra Malaysia, Malaysia.	Professor	June 2013	May 2015

4.	Dept. of Mathematics, Faculty of Science, Universiti Putra Malaysia, Malaysia.	Associate professor	August 2008	May 2013
5.	Dept. of Mathematics, Faculty of Science, Universiti Putra Malaysia, Malaysia.	Senior Lecturer	August 2004	August 2008
6.	Dept. of Algebra and Number theory, Faculty of Mech. and Math., National University of Uzbekistan, Tashkent, Uzbekistan	Associate professor	May 27 1993	August 2004
7.	Dept. of Algebra and Number theory Faculty of Mech. and Math., Tashkent State University, Tashkent, Uzbekistan .	Senior Lecturer	December 1985	May 27 1993

IV. TEACHING ACTIVITIES

N	Name of subject	Level	
1.	Algebraic Structures	Master and PhD students	Dept. of Mathematics, FS, UPM
2.	Topology	Master and PhD students	Dept. of Mathematics, FS, UPM
3.	Analysis 1	Master and PhD students	Dept. of Mathematics, FS, UPM
4.	Advanced Calculus	Bachelor students	Dept. of Mathematics, FS, UPM
5.	Calculus	Bachelor students	Dept. of Mathematics, FS, UPM
6.	Introduction to mathematics of finance and economics	Bachelor students	Dept. of Mathematics, FS, UPM
7.	Algebra	Bachelor students	Dept. of Mathematics, FS, UPM
8.	Modern algebra	Bachelor students	Dept. of Mathematics, FS, UPM
9.	Differential Equations	Bachelor students	Dept. of Mathematics, FS, UPM
10.	Abstract Algebra	Bachelor, Master and Ph.D students	Dept. of Mathematics, FS, UPM
11.	Field theory	Master and PhD students	Dept. of Algebra and Number theory, Mech.-Math. Faculty, National University of Uzbekistan, Tashkent, Uzbekistan.

12.	Number Theory	Bachelor and Master students	Dept. of Algebra and Number theory, Mech.-Math. Faculty, National University of Uzbekistan, Tashkent, Uzbekistan.
13.	Linear Algebra	Bachelor and Master students	Dept. of Algebra and Number theory, Mech.-Math. Faculty, National University of Uzbekistan, Tashkent, Uzbekistan.
14.	Algebraic Geometry	Master and PhD students	Dept. of Algebra and Number theory, Mech.-Math. Faculty, National University of Uzbekistan, Tashkent, Uzbekistan.
15.	Commutative Algebras	Master and PhD students	Dept. of Algebra and Number theory, Mech.-Math. Faculty, National University of Uzbekistan, Tashkent, Uzbekistan.

V. MAIN RESEARCH INTERESTS :

- 1) Structural theory of finite-dimensional algebras.
- 2) Commutative Algebras.
- 3) Algebraic geometry.
- 4) Invariant theory
- 5) Number theory and Cryptography
- 6) Algebraic Statistics

VI. RESEARCH INTERESTS AND RELEVANT PUBLICATIONS

a) Impact Factor and ISI/CIJ publications

Year 2015

1. W.Basri,, **I.S. Rakhimov**, I.M.Rikhsiboev, On four-dimensional nilpotent Diassociative algebras, *Journal of Generalized Lie Theory and Applications*, 9(1), 2015.
2. **I.S.Rakhimov**, M..A.Fiidow Centroids of finite-dimensional associative dialgebras, *Far East Journal of Math. Sci.*, 98(4), 427-443, 2015.
3. Maysaa J. Mohammed, **Isamiddin S. Rakhimov**, Mahendran Shitan, Rabha W. Ibrahim, Nadia F. Mohammed, A new mathematical evaluation of smoking problem based on an algebraic statistical method, *Saudi Journal of Biological Sciences*, 22, 2015
4. U.D. Bekbaev, **I.S.Rakhimov**, Q.Muminov, On differential rational invariants of classical motion groups, *Journal of Algebra and its Applications*, DOI: 10.1142/S0219498815500231, 14(2), 2015, 14 pages.
5. **I.S.Rakhimov**, B.A.Omirov, K.Masutova, On derivations of Semi-simple Leibniz algebras, *Bulletin of the Malaysian Math. Sci. Soc.*, 2015.
6. Sh.A. Ayupov, K. Kudaybergenov, **I.S.Rakhimov**, 2-Local derivations on finite-dimensional semi-simple Lie algebras, DOI: 10.1080/03081087.2014.1001757 *Linear algebra and its appl.*, 474, 1-11, 2015.
7. A.O. Abdulkareem, **I.S.Rakhimov**, S.K.Said Husain, Isomorphism Classes and Invariants of low-dimensional filiform Leibniz algebras , *Linear and Multilinear Algebra*, 2015, 63(11), 2254-2274.

Year 2014

8. I.M.Rikhsiboev, **I.S. Rakhimov**, W.Basri, Diassociative algebras and their derivations, *Journal of Physics, Conference Series*, 553, 2014, 012006, 1-9.
9. N.S.Mohamed, S.K.Said Husain, **I.S.Rakhimov**, On isomorphism classes of a subclass of filiform Leibniz algebras in dimension 10, *AIP Conf. Proc.*, 1602, 736-743, 2014.
10. M.Abubakar, **I.S.Rakhimov**, I.M.Rikhsiboev, On derivations of low-dimensional associative dialgebras, *Proceedings of 3rd International Conference on Mathematical Sciences, AIP Conf. Proc.*, 1602, 730-735, 2014.
11. **I.S.Rakhimov**, A.Kh.Khudoyberdiyev, S.K.Said Husain, On classification of five-dimensional solvable Leibniz algebras, *Linear algebra and its Appl.*, 457, 2014, 428-454.
12. U.D. Bekbaev, **I.S.Rakhimov**, On differential invariants of some classical groups, *Proceedings ICMSS 2013*, 255-264, *Springer*, 2014.
13. **I.S. Rakhimov**, S. K. Said Husain, F. Deraman, The description of orbits under an action of GL_9 on SLB_9 , *Proceedings ICMSS 2013*, 139-154, *Springer*, 2014.
14. A. O. Abdulkareem, **I. S. Rakhimov** and S. K. Said Husain, On seven-dimensional filiform Leibniz algebras, *Proceedings ICMSS 2013, Springer* 2014, 1-11.
15. S. Mohd Kasim, **I.S.Rakhimov**, S.K.Said Husain, *Isomorphism Classes of 10-dimensional filiform Leibniz algebras, AIP Conf. Proc.*, 1602, 708-715, 2014.
16. A.O. Abdulkareem, **I.S.Rakhimov**, S.K.Said Husain, *Rigidity of Some Classes of Algebra, AIP Conf. Proc.*, 1605, 702-707, 2014.

Year 2013

17. Pourtaherian, H., **Rakhimov, I.S.** , On quasi-Armendariz properties on skew polynomial rings , (2013) *AIP Conference Proceedings* 1557, 8 - 11
18. B.A. Omirov, **I.S. Rakhimov**, R.Turdibaev, *On description of Leibniz algebras corresponding to sl_2* , *Algebras and Representation Theory*, 16(5), 2013, 1507-1519. IF=0.554
19. **Isamidin S. Rakhimov**, Kalyan Kumar Dey and Akhil Chandra Paul, Prime gamma Near-Rings with Derivations, *International Journal of Pure and Applied Mathematics*, 2013, 83(2), 221-231. (SCOPUS)
20. **I. S. Rakhimov**, Kalyan Kumar Dey and Akhil Chandra Paul, On Commutativity of Completely Prime Gamma-Rings, *Malaysian Journal of Mathematical Sciences*, 7(2), 2013, 283-295 (SCOPUS)
21. Farmani, M., **Rakhimov, I.** On geometric classification of 3-dimensional complex Leibniz algebras, *AIP Conference Proceedings*, 1522, 2013, 926-929 (SCOPUS)
22. Kalyan Kumar Dey and Akhil Chandra Paul, **Isamidin S. Rakhimov**, Simiprime gamma rings with orthogonal Reverse Derivations, *International Journal of Pure and Applied Mathematics*, 2013, 83(2), 233-245. (SCOPUS)
23. **Isamidin S. Rakhimov**, Kalyan Kumar Dey, Akhil Chandra Paul, *Prime gamma-rings with (σ, τ) -derivations*, *International Journal of Pure and Applied Mathematics*, 2013, 82(5), 669-681. (SCOPUS)

Year 2012

24. **Isamidin S.Rakhimov**, Al-Nashri Al-Hossain, *On Derivations of some classes of Leibniz algebras*, *Journal of Generalized Lie Theory and Applications*, 2012, 6, Article ID G120501, 12 pages. (SCOPUS)
25. Wong Wen Wei, Hishamuddin Zainudin, **Isamidin Rakhimov**, Linking Base Spaces of Hopf Fibration for Two-Qubit State Space Description, *Adv. Studies Theor. Phys.*, 2012, 6(28), 1371-1387. (SCOPUS)

26. **Isamiddin S. Rakhimov**, Kalyan Kumar Dey and Akhil Chandra Paul, Orthogonal Generalized Derivations in Semiprime Gamma Near-Rings, *International Journal of Algebra*, 6(23), 2012, 1127 - 1134 (**SCOPUS**)
27. **Isamiddin S. Rakhimov**, Kalyan Kumar Dey, Akhil Chandra Paul and Kamel A. Mohd Atan, Permutting tri-(σ, τ)-derivations in prime gamma near rings, *JP Journal of Algebra, Number Theory and Applications*, 2012, 26(1), 11-31. (**SCOPUS**)
28. Kalyan Kumar Dey, Akhil Chandra Paul, **Isamiddin S. Rakhimov**, *On Commutativity in prime gamma-near-rings with symmetric bi-derivations*, *International Journal of Pure and Applied Mathematics*, (accepted), 2012. (**SCOPUS**)
29. **Rakhimov I.S.**, Rikhsiboev I.M., Khudoyberdiyev A.Kh., Karimjonov I.A., *Description of some classes of Leibniz algebras*, *Linear Algebra and its Applications*, **437** (2012) pp. 2209-2227. **IF=1.04**
30. **Isamiddin S. Rakhimov**, Kamel Ariffin Mohd Atan, *Contractions and Invariants of Leibniz algebras*, *Bulletin of the Malaysian Mathematical Science Society*, (2), 35(2A), 2012, 557-565. **IF=0.6**
31. F. Deraman, **I.S. Rakhimov**, S.K.Said Husain, Isomorphism classes and invariants for a subclass of nine-dimensional filiform Leibniz algebras, *International Journal of Modern Physics: Conference Proceedings*, 1450, 326 – 331, 2012, doi: 10.1063/1.4724162. (**SCOPUS**)
32. **Isamiddin S. Rakhimov**, Kamel A. Mohd Atan, On some new properties of Catalan Numbers, *International Journal of Modern Physics: Conference Proceedings*, 9, 2012, 537- 542, (**SCOPUS**)
33. Kalyan Kumar Dey, Akhil Chandra Paul, **Isamiddin S. Rakhimov**, *On Commutativity in Gamma-near-ring with Symmetric Bi-(σ, τ)-derivations*, *Far East Journal of Mathematical Science*, 2012, 65(2), 211-225. (**SCOPUS**)
34. Kalyan Kumar Dey, Akhil Chandra Paul, **Isamiddin S. Rakhimov**, *Tri-additive maps and Permutting Tri-derivations of Gamma-rings*, *JP Journal of Algebra, Number Theory and Applications*, 2012, 25(1), 29-44. (**SCOPUS**)
35. Ikrom M. Rikhsiboev, **Isamiddin S. Rakhimov**, Classification of three dimensional complex Leibniz algebras, *International Journal of Modern Physics: Conference Proceedings*, 1450, 358 – 362, 2012, doi: 10.1063/1.4724168 (**SCOPUS**)
36. Kalyan Kumar Dey, Akhil Chandra Paul, **Isamiddin S. Rakhimov**, *Generalized Derivations in Semiprime Gamma Rings*, *International Journal of Mathematics and Mathematical Sciences*, 2012, ID 270132, DOI: 10.1155/2012/270132. (**SCOPUS**)

Year 2011

37. H. Pourtaherian, **I.S. Rakhimov**, *On Skew version of reversible rings*, *International Journal of Pure and Applied Mathematics*, 73(3), 2011, 267-280. (**SCOPUS**)
38. Massoud Amini, **Isamiddin Rakhimov**, Seyed Jalal Langari, *Enveloping Lie Algebras of Low Dimensional Leibniz Algebras*, *Applied Mathematics*, 2(8), 2011, 1027-1030. (**SCOPUS**)

39. **I.S.Rakhimov**, M.A.Hassan. *On low-dimensional Lie-like filiform Leibniz algebras and their invariants*, Bulletin of the Malaysian Mathematical Science Society, (2), 34(3), (2011), 475-485. **IF=0.6**
40. H.Pourtaherian, **I.S.Rakhimov**, Siti Hasana Sapar, *On Hilbert Property of Rings*, International Journal of Algebra, 5(7), 2011, 301-308. **IF=0.195**
41. **I. S. Rakhimov**, Al-Nashri Al-Hossain, *On Derivations of low-dimensional complex Leibniz algebras*, JP Journal of Algebra, Number Theory and Applications, 21(1), (2011), 69-81. (**SCOPUS**)
42. **I.S. Rakhimov**, M.A.Hassan. *On one-dimensional central extension of a filiform Lie algebra*. Bulletin of the Australian Math. Soc., 84 (2011), 205-224. **IF= 0.353**
43. **I.S. Rakhimov**, M.A.Hassan. *On isomorphism criteria for Leibniz central extensions of a linear deformation of μ_n* , International Journal of Algebra and Computations, 21(5), (2011), 715-729. **IF= 0.457**
44. **I.S. Rakhimov**, Sh.K.Said Husain. *On isomorphism classes and invariants of low dimensional complex filiform Leibniz algebras*, Linear and Multilinear Algebra, 59(2), (2011), 205-220. **IF 0.740**.
45. **I.S. Rakhimov**, S.K.Said Husain. *Classification of a subclass of nilpotent Leibniz algebras*, Linear and Multilinear algebra, 2011, 59 (3), 339-354. **IF 0.740**.

Year 2010

46. S.K.Said Husain, M.A.Hassan, **I.S. Rakhimov**, *On isomorphisms and invariants of 5th dimensional complex filiform Leibniz algebras*, AIP Conference Proceedings, 1309, 2010, 430-438.(**SCOPUS**)
47. **Isamiddin S. Rakhimov**, *An Invariant approach to the classification problem of finite dimensional complex filiform Leibniz algebras*, *Proceedings of the International Algebraic Conference dedicated to the 70th birthday of Anatoly Yakovlev, St. Petersburg, Russia June 19 - 24, 2010*, 142-145. (**SCOPUS**)
48. Ikrom M. Rikhsiboev, **Isamiddin S. Rakhimov**, Witriany Basri, *The description of dendriform algebra structures on two-dimensional complex space*, Journal of Algebra, Number Theory: Advances and Applications, 4(1), (2010), 1 - 18. (**SCOPUS**)
49. Ikrom M. Rikhsiboev, **Isamiddin S. Rakhimov**, Witriany Basri, *Classification of 3-dimensional complex Diassociative algebras*, Malaysian Journal of Mathematical Science, 4(2), (2010), 241-254.(**SCOPUS**)
50. **I. S.Rakhimov**, U.D. Bekbaev, *On isomorphism classes and invariants of Finite Dimensional Complex Filiform Leibniz Algebras*, Communications in Algebra, 38(12), 4705 - 4738. **IF=0.475**
51. **I.S.Rakhimov**, S.J.Langari. *A cohomological approach for classifying Nilpotent Leibniz algebras*, International Journal of Algebra, 4, n 4, (2010), 153-163. **IF=0.195**
52. **I.S.Rakhimov**, J.Sozan, *On filiform Leibniz algebras of dimension nine*, *International Mathematical Forum*, 5, 2010, no. 14, 671 – 692.**IF=0.235**
53. Abdulwahed M. Ismail, Mohamad Rushdan MD Said, Kamel Ariffin Mohd Atan and **Isamiddin S. Rakhimov**, *An Algorithm to Enhance Elliptic Curves Scalar Multiplication Combining MBNR with Point Halving*, *Applied Mathematical Sciences*,

2010, 4 (25-28), 1259-1272. **IF=0.275**

54. Abdulwahed M. Ismail, Mohamad Rushdan MD Said, Kamel Ariffin Mohd Atan and **Ismiddin S. Rakhimov**, Bilinear Pairing Computation Using the Extended Double-Base Chains Algorithm, *International Journal of Mathematical Analysis*, 2010, 4(17-20), 929-941. **IF=0.275**

Year 2009

55. H. Pourtaherian, **I.S. Rakhimov**, *On Armendariz ring and its generalizations*, JP Journal of Algebra, Number Theory and Applications, (2009) ,v. 15(2), 101-111. (SCOPUS)
56. **I.S. Rakhimov**, J. Sozan. *Description of nine-dimensional complex filiform Leibniz algebras arising from naturally graded non-Lie filiform Leibniz algebras*, International Journal of Algebra, 3, n 20, (2009), 969-980. **IF=0.195**
57. B.A. Omirov, **I.S. Rakhimov**. *On Lie-like filiform Leibniz algebras*, Bulletin of the Australian Mathematical Society, 79: 391-404, (2009). **IF= 0.353**
58. **I. S. Rakhimov**. *On invariants of Complex filiform Leibniz algebras*, Malaysian Journal of Mathematical Science, 3(2), 147-159 (2009). (SCOPUS)
59. **I.S. Rakhimov**, S.J. Langari, M. Langari. *On Central Extensions of Nulfiliform Leibniz Algebras*, International Journal of Algebra, 3, n 6, (2009), 271-280. **IF=0.195**

Year 2006

60. **I.S. Rakhimov**. *On degenerations of finite dimensional nilpotent Complex Leibniz Algebras*. Journal of Mathematical Sciences, vol. 136, N3 (2006), 3980-3983. (SCOPUS)
61. S. Albeverio, B.A. Omirov, **I.S. Rakhimov**. *Classification of 4-dimensional nilpotent complex Leibniz algebras*. Extracta Math. (Spain), 21(3) (2006), 197-210. (SCOPUS)
62. **I.S. Rakhimov**. *Behavior of arithmetic invariants for a class of elliptic curves in cyclotomic Γ -extensions*. Siberian Advances in Mathematics, Novosibirsk, (Russia), 2006, v.16, N1, 1-13. (IF=0.35)

Year 2005

63. S. Albeverio, B.A. Omirov, **I.S. Rakhimov**. *Varieties of Nilpotent Complex Leibniz Algebras of Dimensions less than five*, Communication in Algebra. Vol. 33, 5, 2005, pp. 1575-1585. **IF=0.475**
64. **I.S. Rakhimov**. *On the degenerations of finite dimensional nilpotent Complex Leibniz Algebras*. Zap. Nauchn. Sem. S.-Peterburg. Otdel. Mat. Inst. Steklov (POMI). Saint Petersburg, (Russia), V. 321 (2005). (SCOPUS)
65. **I.S. Rakhimov**. *On Behavior of Arithmetic Invariants of some class of Elliptic Curves in the Cyclotomic Extensions*, Matematicheskije Trudi, Novosibirsk, (Russia), 2005, v. 8, N1, 122-134 (in Russian). (SCOPUS)

Year 2004

66. **I.S. Rakhimov**. *Arithmetic invariants for a class of elliptic curves*. Siberian Advances in Mathematics, Novosibirsk, (Russia), 2004, v.14, N2, 79-91. (IF=0.35)

Year 2003

67. **I.S. Rakhimov**. *On Arithmetic Invariants of a class of Elliptic Curves*, Matematicheskije Trudi, Novosibirsk, (Russia), 2003, v. 6, N1, 155 – 168 (in Russian). (SCOPUS)
68. S. Albeverio, B.A. Omirov, **I.S. Rakhimov**. *Variety of four Dimensional Nilpotent Complex Leibniz Algebras*, Rheinische Friedrich-Wilhelms-Universität Bonn, (Germany), N 124, 2003, 14 p.
69. S. Albeverio, B.A. Omirov, **I.S. Rakhimov**. *Classification of four-dimensional nilpotent complex Leibniz algebras*. Rheinische Friedrich-Wilhelms-Universität Bonn, (Germany), N 116, 2003, 12 p.

Submitted or processing papers

70. **I.S.Rakhimov**, A.Kh.Khudoyberdiyev, B.A.Omirov, K.A.Mohd Atan, On isomorphism criterion for a subclass of complex filiform Leibniz algebras.
71. K.K.Dey, A.Ch.Paul, **I.S.Rakhimov**, On derivations of Prime Gamma-rings.
72. W. Basri, **I.S. Rakhimov**, I.M. Rikhsiboev, On four dimensional solvable Diassociative algebras

b) Noncited Journal Publications

- 1) **Isamiddin S. Rakhimov**, Number Systems and Their Extensions, MathDigest Research Bulletin of Institute for Mathematical Research, 6(1), 2014, 1-9.
- 2) Kalyan Kumar Dey, Akhil Chandra Paul, **Isamiddin S. Rakhimov**, *Dependent Elements in Prime and Semiprime Gamma Rings*, Asian Journal of Algebra, 5(1), 2012, 11-20.
- 3) **I. S. Rakhimov**, S.J. Langari, *On automorphism group of central extensions of nilpotent Leibniz Algebras*. Research Bulletin INSPPEM, Math. Digest. 3(2), 2010, 19-22.
- 4) **I.S. Rakhimov**, Munther A. Hassan , On low-dimensional filiform Leibniz algebras and their invariants, <http://front.math.ucdavis.edu/>, arXiv:1001.0634 v1. [mathRA] 5 Jan 2010.
- 5) **I.S.Rakhimov**, I.M.Rikhsiboev, W.Basri, Complete lists of low-dimensional complex associative algebras, <http://front.math.ucdavis.edu/>, ArXiv:0910.0932 v1.[mathRA] 6 Oct 2009
- 6) **I.S.Rakhimov**, I.M.Rikhsiboev, A Simple Classification of three-dimensional Complex Associative Algebras, *Math. Digest.Research Bulletin, INSPPEM*, v.3, N 1, (Dec. 2009), p. 32 - 38.
- 7) **I.S.Rakhimov**, S.K.Said Husain. *On isomorphism classes and invariants of low dimensional complex filiform Leibniz algebras (part 2)*, <http://front.math.ucdavis.edu/>, ArXiv:0710.0121 v1.[mathRA] 11 June 2008.
- 8) **I.S.Rakhimov**, S.K.Said Husain. *On isomorphism classes and invariants of low dimensional complex filiform Leibniz algebras (part I)*, <http://front.math.ucdavis.edu/>, ArXiv:0710.0121 v1.[mathRA] 1 Oct 2007.
- 9) **I.S.Rakhimov**, S.K.Said Husain. *The isomorphism classes and invariants of a Subclass of Nilpotent complex filiform Leibniz algebras in dimension 5* Math. Digest.Research Bulletin, INSPPEM, v.1, N 1 (Dec. 2007), p. 14 - 21.
- 10) U.Dj.Bekbaev, **I.S.Rakhimov**. *On Classification of Finite Dimensional Complex Filiform Leibniz Algebras (Part 2)*. . <http://front.math.ucdavis.edu/>, math.RA (math.AG). [arXiv:0704.3885](http://arxiv.org/abs/0704.3885) (2007)
- 11) U.Dj.Bekbaev, **I.S.Rakhimov**. *On isomorphisms of finite dimensional complex filiform Leibniz algebras (part 1)*. <http://front.math.ucdavis.edu/>, ArXiv:math.RA/01612805.(2006).
- 12) **I.S.Rakhimov**. *On Geometry of Finite dimensional Complex Leibniz Algebras*, Uzbek Mathematical Journal, Tashkent, (Uzbekistan), v. 4-5 (2004)

- 13) B.Omirov, **I.S.Rakhimov**. *Classification of 3-dimensional Complex Nilpotent Leibniz Algebras*, Uzbek Mathematical Journal, Tashkent, (Uzbekistan), 2003, No 3-4. 81-85 pp. (in Russian) .
- 14) **I.S.Rakhimov**. *On the local field of p -order points of Elliptic curves*. Uzbek Mathematical Journal, Tashkent, (Uzbekistan), 2001, No 1-2. 41-44 pp. (in Russian) .
- 15) **I.S.Rakhimov**. *On the field of p -order points of Elliptic curves with Complex Multiplication*. Uzbek Mathematical Journal, Tashkent, (Uzbekistan), v. 5-6, 62-65, (2000) (in Russian).
- 16) **I.S.Rakhimov** *On equalence of ordinary linear differential equations given over an associative differential ring*. The Ukrainian Congress of Mathematics (August, 21-23, 2001), Kiev, (Ukraine), (in Russian).
- 17) Bekbaev U.Dj., **I.S.Rakhimov**. *On equivalence of ordinary linear differential equations over associative rings*. Uzbek Mathematical Journal, Tashkent, (Uzbekistan), 1997, N 1, pp.11-17 (in Russian).
- 18) **I.S.Rakhimov**. *The description of the field of invariant differential rational functions for one representantion of the group $SL(k,F)$* . Uzbek Mathematical Journal, Tashkent, (Uzbekistan), 1997, N 4, pp.55-56 (in Russian).
- 19) **I.S.Rakhimov** *On generators of the field of invariant differential rational functions*. Some problems of Algebra and Analysis. University of Tashkent,(Uzbekistan), 1994 pp. 95-100 (in Russian).
- 20) Bekbaev U.Dj., **I.S.Rakhimov**. *Invariants and orbits of linear partial differential equations relatively to linear transformations of unknown functions*. Uzbek Mathematical Journal, Tashkent, (Uzbekistan), N3,1994, pp.54-58.
- 21) Bekbaev U.Dj., **I.S.Rakhimov** and Myminov K.A. *Differential rational invariants of finite system of points of finite dimensional vector space over ordinary differential field*. Dep. v VINITI 18.10.89, N 6343-B89, (Russia), (in Russian).
- 22) **I.S.Rakhimov** *On Zelmer's group of an Elliptic curve*. Structural properties of Algebraic system. V. 2. Nalchik, KBGU, (Russia), 1985. p. 81-85 (in Russian).
- 23) **I.S.Rakhimov** *The arithmetic invariants of an Elliptic curve*. Rings and matric groups. Ordjonikidze, SOGU, (Russia), 1984, p. 108-113 (in Russian).
- 24) **I.S.Rakhimov** *The decomposition of the Jacobian of the Fermat curve*. Mathematical analysis and probability theory, TashGU, Tashkent, (Uzbekistan), 1982, p. 49-55 (in Russian).

c) **International and National Conference Publications**

- 25) **Isamiddin S.Rakhimov**, Mohammad Abubakar, Centroids of associative dialgebras, *Proceedings of ICCEMS 2014*, Dec 4-5, 2014, Langkawi, Malaysia.

- 26) **Isamiddin S.Rakhimov**, Kamel A.Mohd Atan, Siti Hasana Sapar, Cohomological approach to classify nilpotent Leibniz algebras, *International conference on Operator algebras and Related topics*, 12-14 September 2012, Tashkent, Uzbekistan. Extended Abstract Book, 50-51.
- 27) **Rakhimov I.S.**, Said Husain Sh.K., Basri W, An Invariant approach to the classification Problem of finite-dimensional complex filiform Leibniz algebras, *International conference on Operator algebras and Related topics*, 12-14 September 2012, Tashkent, Uzbekistan. Extended Abstract Book, 51-53.
- 28) **I.S.Rakhimov**, Kamel A.Mohd Atan, Isomorphism classes and Invariants of finite-dimensional filiform Leibniz algebras, *International conference on Ring theory*, 14-18 July 2011, Novosibirsk, Russia. Extended Abstract Book, 87.
- 29) **I.S.Rakhimov**, Al-Nashri Al-Hosain, M. Rushdan Mohd Said, I. Arif Alias, Enveloping Lie algebras of Leibniz algebras and associated Lie group-like objects, *Proceedings of Symposium Kebansaan sains Matematik ke-18, The Zon Regency Hotel Johor Bahru, Malaysia*, 8-10 December 2010, 101-109.
- 30) **I.S.Rakhimov**, Algebraic Research in UPM: Achievements and Perspectives, *Extended Abstracts Book Symposium of Mathematics, Fundamental Science Congress*, 2010, FS, UPM, Malaysia, 2-3.
- 31) H.Pourtaherian, **I.S.Rakhimov**, On the Annihilator of skew-polynomial ring, *Extended Abstracts Book Symposium of Mathematics, Fundamental Science Congress*, 2010, FS, UPM, Malaysia, 26-27.
- 32) W.Basri , **I.S.Rakhimov**, I.M.Rikhsiboev, On some structural properties of Diassociative algebras, *Extended Abstracts Book Symposium of Mathematics, Fundamental Science Congress*, 2010, FS, UPM, Malaysia, 83.
- 33) Al-Nashri Al-Hosain, **Isamiddin S.Rakhimov**, Munther Al-Hassan, On Derivations of low-dimensional complex Leibniz algebras, *Extended Abstracts Book Symposium of Mathematics, Fundamental science Congress*, 2010, FS, UPM, Malaysia, 121-124.
- 34) **I.S.Rakhimov**, W.Basri, I.M.Rikhsiboev, Isomorphism Classes of four-dimensional complex associative algebras, *Proceedings of the 4th International Conference on research and Education in Mathematics, Renaissance Hotel Kuala Lumpur, Malaysia*, 21st – 23rd October 2009, 375-385.
- 35) S.K.Said Husain, **I.S Rakhimov**, On a subclass of 8-dimensional filiform Leibniz Algebras and their Invariants, *Proceedings of the 4th International Conference on research and Education in Mathematics, Renaissance Hotel Kuala Lumpur, Malaysia*, 21st – 23rd October 2009, 458-465.
- 36) H. Pourtaherian, **I.S.Rakhimov**, On Armendariz rings and their relations, *Proceedings of the 4th International Conference on research and Education in Mathematics, Renaissance Hotel Kuala Lumpur, Malaysia*, 21st – 23rd October 2009, 486-490.
- 37) **I.S.Rakhimov**, M.A.Hassan, On one-dimensional Leibniz central Extensions of a naturally graded filiform Leibniz algebra, *Proceedings of the 4th International Conference on*

research and Education in Mathematics, Renaissance Hotel Kuala Lumpur, Malaysia, 21st – 23rd October 2009, 497-504.

- 38) J. Sozan, **I.S. Rakhimov**, M.R. Mohd Said, On Isomorphism Criteria and Classification of nine-dimensional complex filiform Leibniz algebras, *Proceedings of the 4th International Conference on research and Education in Mathematics, Renaissance Hotel Kuala Lumpur, Malaysia, 21st – 23rd October 2009, 531-536.*
- 39) H. Pourtaherian, **I.S.Rakhimov**, *Armendariz rings and classical quotient rings*, Proceedings of Symposium Kebangsaan KE17 (SKSM17), 15-17 Dec. 2009, 903-906.
- 40) **I.S.Rakhimov**, I.M.Rikhsiboev, Sh.I.Rakhimov, *Applications of Maple Software to some classification problems of finite dimensional algebras*, Proceedings of Symposium Kebangsaan KE17 (SKSM17), 15-17 Dec. 2009, 61-66.
- 41) S.K.Said Husain, **I.S Rakhimov**, *Isomorphism classes and invariants of 8-dimensional filiform Leibniz algebras*, Proceedings of Symposium Kebangsaan KE17 (SKSM17), 15-17 Dec. 2009, 860-866.
- 42) **I.S.Rakhimov**, Al-Nashri Al-Hosain, *On Derivations of Leibniz Algebras*, Proceedings of Symposium Kebangsaan KE17 (SKSM17), 15-17 Dec. 2009, 100-108.
- 43) J. Sozan, S.K. Said Husain, **I.S. Rakhimov**, *On isomorphism classes and invariants of 9-dimensional complex filiform Leibniz algebras, arising from naturally graded non-Lie filiform Leibniz algebras*, Proceedings of the 5th Asian Mathematical Conference, 2009, V 1., 388 – 395.
- 44) S. J. Langari, **I. S. Rakhimov**, *On central extensions of Leibniz algebras*, Proceedings of the 5th Asian Mathematical Conference, 2009, V 1., 285 – 290.
- 45) **I.S.Rakhimov**, W.Basri, *Algorithm for computations of Loday algebras' invariants*, International conference on Computational Technology and Mathematical Modeling, 27-30 April 2009, National University of Uzbekistan, Tashkent Uzbekistan, 29-30
- 46) H.Pourtaherian, **I.S.Rakhimov**, *Armendariz rings and its relations*, Proceedings of the Fundamental Science Congress 2009, Faculty of Science, Universiti Putra Malaysia, Malaysia, 2009, 384-386.
- 47) **I.S.Rakhimov**, *Algorithms for computations of invariants of Loday algebras*, Proceedings of the Fundamental Science Congress 2009, Faculty of Science, Universiti Putra Malaysia, Malaysia, 2009, 388-389.
- 48) J.Sozan, **I.S.Rakhimov**, *Classification of a subclass of nine-dimensional complex filiform Leibniz algebras arising from naturally graded filiform Leibniz algebras*, Proceedings of the Fundamental Science Congress 2009, Faculty of Science, Universiti Putra Malaysia, Malaysia, 2009, 391-392.
- 49) S.K.Said Husain, **I.S.Rakhimov**, *Classification of 6-dimensional complex filiform Leibniz algebras*, Proceedings of the Fundamental Science Congress 2009, Faculty of Science, Universiti Putra Malaysia, Malaysia. 2009, 433-434.
- 50) W.Basri, **I.S.Rakhimov**, I.M.Rikhsiboev, *A survey of complex diassociative algebras*, Proceedings of the Fundamental Science Congress 2009, Faculty of Science, Universiti Putra Malaysia, Malaysia, 2009, 439.

- 51) **I.S.Rakhimov**, M.A.Hassan, *Isomorphism Classes and Invariants of Low –dimensional Complex Filiform Leibniz Algebras (truncated case)*, Proceeding of the 3rd International Conference on Postgraduate Education, 16-17 December 2008, The Gorney Resort Hotel & Residence, Penang, Malaysia.
- 52) **I.S.Rakhimov**, Sh. I. Rakhimov, *Computations on Leibniz algebras*, Proceedings of the second International Conference Advancement in Science and Technology (iCAST 2008), International Islamic University of Malaysia, June 13-15 , 2008, Kuantan (Malaysia), 92-94.
- 53) S.J.Langari, **I.S.Rakhimov**, *On Central Extentions of Leibniz algebras*, Proceedings of the Second International Conference Advancement in Science and Technology (iCAST 2008), International Islamic University of Malaysia, June 13-15 , 2008, Kuantan (Malaysia), 99-103.
- 54) S.K.Said Husain, **I.S.Rakhimov**, *The isomorphism classes and invariants complex filiform Leibniz algebras in dimension 6*, Poster presentations of the second International Conference Advancement in Science and Technology (iCAST 2008), International Islamic University of Malaysia, June 13-15 , 2008, Kuantan (Malaysia), 239-241.
- 55) **I.S.Rakhimov**, M.A.Hassan, *On low-dimensional Lie-like filiform Leibniz algebras and their Invariants*, *Proceedings of Symposium Kebangsaan KE16 (SKSM16)*, 3-5 June. 2008, 24-35.
- 56) S.K.Said Husain, **I.S.Rakhimov**, *On Invariants and Isomorphism classes of 6-dimensional complex filiform Leibniz algebras*, *Proceedings of Symposium Kebangsaan KE16 (SKSM16)*, 3-5 June. 2008, 45-53.
- 57) **I.S.Rakhimov**, S.K.Said Husain. . *The isomorphism classes and invariants of a Subclass of Nilpotent complex filiform Leibniz algebras in dimension 6*. The 3rd MT-GT 2007 Regional Conference on Mathematics, Statistics and Applications, Dec 5-6, 2007, The Gurney Hotel, Penang, Malaysia.
- 58) U. D. Bekbaev, **I. S. Rakhimov**. *On isomorphisms of finite dimensional Complex Filiform Leibniz Algebras*. “3rd International Conference on 21st Century Mathematics 2007” 3rd-5th March, School of Mathematical Sciences, National Center for Mathematics, GC University, Lahore, (Pakistan).
- 59) U. D. Bekbaev, **I. S. Rakhimov**. *On classification of finite dimensional complex filiform Leibniz algebras (Part 1)* Proceedings of “The third International Conference on Research and Education in Mathematics (ICREM 3), Pure Mathematics and Statistics 10-12 April 2007 The Legend Hotel Kuala Lumpur, (Malaysia), 138-150.
- 60) U. D. Bekbaev, **I. S. Rakhimov**. *On classification of finite dimensional complex filiform Leibniz algebras (second class)* Proceedings of “The third International Conference on Research and Education in Mathematics (ICREM 3), Pure Mathematics and Statistics 10-12 April 2007 The Legend Hotel Kuala Lumpur, (Malaysia), 151-163.
- 61) **I.S.Rakhimov**. *On Leibniz Algebras and their degenerations*. The Second International Conference on Research and Education in Mathematics, (ICREM 2), (Malaysia), 25th – 27th May 2005. 154-160.
- 62) **I.S.Rakhimov**, S.Kartini, F. Yunos. *On Degenerations of 3-dimensional Complex Leibniz Algebras*. The Second International Conference on Research and Education in Mathematics, (ICREM 2), (Malaysia), 25th – 27th May 2005. 160-166.
- 63) **I.S.Rakhimov** *On equivalence of linear differential equations*. Scientific Conference "New Theorems of Young Mathematicians-94", Namangan, (Uzbekistan), 1994, 67 (in Russian).

- 64) U.Dj.Bekbaev., **I.S.Rakhimov** *Invariants and orbits of linear partial differential equations relatively to linear transformation of indeterminates*. International Algebraic Conference, Barnaul, (Russia), 1991, (in Russian).
- 65) **I.S.Rakhimov** *On localization of the group of unites*. International Algebraic Conference, Novosibirsk, (Russia), 1989 (in Russian).
- 66) **I.S.Rakhimov** *On behaviour of arithmetic invariants of some class of elliptic curves in the cyclotomic extensions*. The International Algebraic Conference., Lvov, (Ukraine), 9-11 September, 1987 (in Russian).
- 67) **I.S.Rakhimov** *An example of the total calculation of arithmetic invariants of an elliptic curve*. The International Conference "The Theory of number and it's applications". Tbilisi, (Georgia) 1985 (in Russian).
- 68) **I.S.Rakhimov** *On increase of Zelmer's group of elliptic curves with ordinary reduction in the cyclotomic extensions*. The Third International Algebraic Conference. Kishinev, (Moldova), 1985 (in Russian).

VII. BOOKS AND BOOK CHAPTERS

1. Sozan J.Obaiys, **Isamiddin S. Rakhimov**, Kamel A.M.Atan , *Classification of first class of complex filiform Leibniz algebras*, Lambert Academic Publishing, 2010, 184 pages. (**Monograph**)
2. **Isamiddin S. Rakhimov**, Al-Nashri Al-Hossain, Kamel A.M.Atan , *On Derivations of some classes of Leibniz algebras*, Lambert Academic Publishing, 2012, 186 pages. (**Monograph**)
3. **I.S. Rakhimov**, Sh.A.Ayupov, B.A.Omirov, *Leibniz algebras* , **Monograph** (editing process) – 300 pp.
4. K.A.M. Atan, F. Yunos, H. Sapar, **I.S. Rakhimov**, *Introduction to Algebra* , Text Book (Chapter 1,2 and 8), (editing), 8 chapters.

VIII. CONFERENCE AND SEMINAR TALKS AND EXHIBITION AWARDS

1. **Isamiddin S.Rakhimov**, Sh.K.Said Husain, A.Abdulkadr, *Generalized Derivations of finite-dimensional algebras*, ICMSCE 2015, Feb 5-6, 2015, Langkawi, Malaysia.
2. **Isamiddin S.Rakhimov**, Mohammad Abubakar, *Centroids of associative dialgebras*, ICCEMS 2014, Dec 4-5, 2014, Langkawi, Malaysia.
3. **I.S.Rakhimov**, M.Shitan, *Algebraic Statistics and its Perspectives*, Symposium Kebangsaan Sains Matematik KE 22, 24-25 Nov 2014, Shah Alam, Malaysia.
4. **Isamiddin S.Rakhimov**, *An invariant approach to the classification problem of finite dimensional complex filiform Leibniz algebras* (**Granted Visit**), International Congress of Mathematicians 2014, August 13-21, Seoul, South Korea.
5. **Isamiddin S.Rakhimov**, *The Classification Problem of Loday Algebras* (**Invited Talk**), USA-Uzbekistan Conference on Analysis and Mathematical Physics, 20-23 May 2014, California State University, Fullerton, USA

6. **Isamiddin S.Rakhimov**, A short Review on Algebraic Statistics, SORIC 2013, 2-5 December 2013, Serawak, Malaysia.
7. **Isamiddin S.Rakhimov**, Sharifah K.Said Husain, Rigidity of some classes of algebras, SKSM 21, 6-8 Nov. 2013.Penang, Malaysia.
8. I.M. Rikhsiboev, **I.S. Rakhimov**, W. Basri, Diassociative algebras and their derivations, iCOS2013, 3-5 Des. 2013, Kuantan, Malaysia.
9. **Isamiddin S.Rakhimov**, Kamel A.M.Atan and Siti Hasana Sapar, Cohomological Approach To Classify Nilpotent Leibniz Algebras, ISMNS 2013, 15-17 August 2013, Samarkand, Uzbekistan,
- 10.**Isamiddin S.Rakhimov**, Bakhrom A.Omirov, Abror Kh.Khudoyberdiyev and Rustam M. Turdibaev, Description of Some classes of complex Leibniz algebras, iCAST 2012, 7-10 Nov 2012, Kuantan, Malaysia
- 11.**I.S.Rakhimov**, Generators of the field of invariant differential rational functions under an action of subgroups of the linear matrix group, RCAEM–II, Penang, Malaysia, 30-31 May 2012.
- 12.**I.S.Rakhimov**, The 3rd International Conference on Cryptography and Computer Security, 4-6 June 2012, Langkawi, Malaysia
- 13.**I.S.Rakhimov**, Fundamental Science Confress 2012, 17th-18th July 2012, UPM, Malaysia.
- 14.**I.S.Rakhimov**, Expository Quantum Lecture Series 5 (EQuaLS5): Geometry, Topology and Physics 2012, 9-13 January 2012, UPM, Malaysia.
- 15.**I.S.Rakhimov**, Simposium Kebangsaan Sains Matematiki KE-20, 18-20 Desember 2012, Putrajaya, Malaysia.
- 16.Suzila Mohd Kasim, **Isamiddin S. Rakhimov** and Sharifah Kartini Said Husain, Properties of odd parts of Catalan Numbers exhibiting in the Isomorphism Criteria for a Subclass of 10-dimensional Complex Filiform Leibniz algebras, 27-30 November 2012, UTM, JB, Malaysia.
- 17.**I.S.Rakhimov**, U.D.Bekbaev, On equivalence of ordinary differential equations over a differential ring, *Proceedings of Regional Annual Fundamental Science Symposium, Thistle Hotel, 20-21 December, 2011, Johor Bahru, Malaysia.*
- 18.**I.S.Rakhimov**, Kamel A.Mohd Atan, On some new properties of Catalan Numbers, *Proceedings of the International Conference Mathematical and Computational Biology, Renaissance Hotel Malaka, Malaysia, 12-14 April, 2011.*
- 19.**I.S.Rakhimov**, Degenerations of finite-dimensional Leibniz algebras, *National University of Uzbekistan June 17, 2011, Tashkent, Uzbekistan.*
- 20.**I.S.Rakhimov**, Isomorphism Classes and Invariants of finite dimensional Filiform Leibniz algebras, *Institute of Mathematics and Information Technologies, Uzbekistan Academy of Sciences June 27, 2011, Tashkent, Uzbekistan.*
- 21.**I.S.Rakhimov**, Kamel A.Mohd Atan, Isomorphism Classes and Invariants of finite dimensional Filiform Leibniz algebras, *International Conference on Ring Theory, Sobolev Institute of Mathematics, Academy of Sciences of Russia, Novosibirsk, 14-18 July, 2011.*

22. **I.S.Rakhimov, (INVITED SPEAKER)** Invariants of varieties of filiform Leibniz algebras and Elliptic Curves, *Special Council D 015.17.01 Meeting Institute of Mathematics and Information Technologies for Dr. of Sciences in Physics and Mathematics*, November 2, 2011, Tashkent, Uzbekistan.
23. **I.S.Rakhimov, I.Rikhsiboev**, Classification of three-dimensional complex Leibniz algebras, *The 5th International Conference on Research and Education in Mathematics (ICREM 5)*, October 22-24, 2011, Bandung, Indonesia.
24. **Isamiddin S.Rakhimov, (INVITED SPEAKER)**, On classification problems of some classes of finite-dimensional algebras, *Day of Algebra (DOA 3)*, April 5, 2011, Al-Khawarazmi Seminar Room, Math. Building, UPM, Malaysia.
25. **I.S.Rakhimov, U.Bekbaev**, On equivalence of Differential equations over an associative differential ring, *Regional Annual Fundamental Science Symposium 2011*, December 20-21, 2011, Johor Bahru, Malaysia.
26. **I.S.Rakhimov, (INVITED speaker)** Algebraic Research in UPM: Achievements and Perspectives, *Extended Abstracts Book Symposium of Mathematics, Fundamental Science Congress*, 2010, FS, UPM, Malaysia,
27. **Isamiddin S.Rakhimov, (INVITED SPEAKER)** On some unsolved problems of Loday Algebras, *Day of Algebra (DOA 1)*, Jan 29, 2009, Al-Khawarazmi Seminar Room, Math. Building, UPM, Malaysia.
28. **Isamiddin S.Rakhimov, (INVITED SPEAKER)**, On structural properties, links and generalizations of some algebraic systems: achievements and perspectives, *Day of Algebra (DOA 2)*, December 8, 2009, Al-Khawarazmi Seminar Room, Math. Building, UPM, Malaysia.
29. **Isamiddin S.Rakhimov, Sharifah Kartini**. *On isomorphism classes and invariants 6-dimensional complex filiform Leibniz algebras*, Proceedings of Simposium Kebangsaan Sains Matematik ke -16, 2-5 Jun 2008, Kota Bharu, Malaysia.
30. **Isamiddin S.Rakhimov, Munther All Hassan**, *On low dimensional Lie-like complex filiform Leibniz algebras*, Proceedings of Simposium Kebangsaan Sains Matematik ke -16, 2-5 Jun 2008, Kota Bharu, Malaysia.
31. **Isamiddin S.Rakhimov**. *On Invariants of Complex filiform Leibniz Algebras*. “Seminar Sains 2007” August 2007, UPM (Malaysia).
32. **Isamiddin S.Rakhimov**. *On low dimensional Nilpotent Leibniz Algebras and their transformations*. Scientific Seminar “Algebra and Analysis”, 23 June 2007, Tashkent, Uzbekistan.
33. **Isamiddin S.Rakhimov**. *On classification of finite dimensional complex filiform Leibniz algebras (part 1)*. The third International Conference on Research and Education in Mathematics (ICREM 3), 10-12 April 2007 The Legend Hotel, Kuala Lumpur (Malaysia)

34. **Isamiddin S. Rakhimov**, Sharifah Kartini. *On classification of Low dimensional complex filiform Leibniz algebras*. The third International Conference on Resedarch and Education in Mathematics (ICREM 3), 10-12 April 2007 The Legend Hotel, Kuala Lumpur, (Malaysia).
35. U. D. **Bekbaev**, **I. S. Rakhimov**. *On classification of finite dimensional complex filiform Leibniz algebras* (First class) The third Saudi Science Conference “New Horizons in Science and Their Applications” College of Science King Saud University P.O. Box 2455 Riyadh 11451 (Kingdom of Saudi Arabia). March 10th-13th March/2007.
36. **Isamiddin S. Rakhimov**. *On isomorphisms of finite dimensional Complex Filiform Leibniz Algebras*. “3rd International Conference on 21st Century Mathematics 2007” School of Mathematical Sciences, National Center for Mathematics, GC University, Lahore, (Pakistan).
37. **Isamiddin S. Rakhimov**, Witriany Basri. *On low dimensional diassociative algebras*, Prosiding Konferensi Kebangsaan Pemodelan Matematik dan Statistik, 5-6 September 2006, UPM (Malaysia).
38. **Isamiddin S. Rakhimov**. *Varieties of low dimensional Complex Leibniz Algebras*. International Conference “Operator Algebras and Quantum Probability”, 7-10 Sept., 2005. Tashkent. (Uzbekistan).
39. **I.S. Rakhimov**. *On Leibniz Algebras and their degenerations*. The Second International Conference on Research and Education in Mathematics, (ICREM 2), 25th – 27th May 2005, (Malaysia).
40. **I.S. Rakhimov**, S. Kartini, F. Yunos. *On Degenerations of 3-dimensional Complex Leibniz Algebras*. The Second International Conference on Research and Education in Mathematics, (ICREM 2), 25th – 27th May 2005, (Malaysia).
41. **I.S. Rakhimov**, B.A. Omirov. *The Classification of four dimensional Complex Nilpotent Leibniz Algebras*, International Conference on Research and Education in Mathematics , 2nd-4th April 2003, Kuala Lumpur, Malaysia.
42. B.A. Omirov, **I.S. Rakhimov**. *Variety of four Dimensional Nilpotent Complex Leibniz Algebras*, Scientific Seminar of the Institute fur Angewandte Matematik, Universitat Bonn. (Germany). 18 Nov 2003.
43. B. Omirov, **I.S. Rakhimov**. *Classification of four-dimensional nilpotent complex Leibniz algebras*. Scientific Seminar of the Institute fur Angewandte Matematik, Universitat Bonn. (Germany). 10 Dec 2003.
44. **I.S. Rakhimov**. *On group of rational points of Elliptic curves with CM*. The Singapore International Symposium on Topology and Geometry. SISTAG Singapore (Singapore), 2001, (July, 02-06, 2001).

IX. POST DOC., PhD AND MS PROGRAMS (since year 2004)

(i) Post Doc.:

Rikhsiboev Ikrom Mirzakarimovich – Post. Doc. Fellow Researcher, INSPERM, 02/2009 – 01/2010. (Supervisor).

(ii) PhD PROGRAM (IN UPM):

No	Name	Title of thesis	Matric No & year	Status	Leadership
1	Hamideh Poortaherian	Armandariz rings and their relations	GS22154	Completed	Supervisor
2	Al-Nashri Al-Hossain	Invariants of Leibniz algebras	GS22747	Completed	Supervisor
3	Sharifah Kartini Said Husain	On Structural Properties of Leibniz Algebras	GS16535 2006-2010	Completed	Supervisor
4	Witriany Basri	Classification of Low dimensional Loday Algebras	GS16465 2006-2010	Completed	Supervisor
5	Seyed Jalal Langari	Classification of Low dimensiona Nilpotent Leibniz Algebras	GS17757 2007-2010	Completed	Supervisor
6	Munther Al-Hassan	Invariants of finite dimensional Leibniz Algebras	GS20621	Completed	Supervisor
7	Zabiddin Bin Salleh	Investigation of Bitopologies In Generalizations of Lindelof Spaces	GS14368 2003-2007	Completed	Supervisor Committee
8	Abdulwahed Mohammad Ismail	Elliptic Curves Arithmetic and Pairing Computation	GS14691 2004-2008	Completed	Supervisor Committee
9	Toh Sing Poh	Kochen-Specker Theorem Proof Using Positive OperatorValued Measure	GS16069	Completed	Supervisor Committee
10	Foo Kim Eng	The Geometry of Quantum Entangled Mixed States	GS20316	On going	Supervisor Committee

11	Tan Thian Khoon	Screening of Solid Microorganisms for Bioremediation of Selected Pesticides	GS19240	On going	Supervisor Committee
12	Aniza Abd Ghani	Elliptic curve Cryptology	GS 22352	On going	Supervisor Committee
13	Mohamad Aidil Johari	A general relation between sums of cubes and pyramidal numbers	GS23513	Completed	Supervisor Committee
14	Liaw Hock Sang	Efficiencies of Optimal Elements for Quantum Logical Operations	GS18780	On going	Supervisor Committee
15	Chan Kar Tim Sains dan Teknologi Kuantum	Spectral Studies of Eigenvalues in Maass Cusp Form Using Grid Mathematica	GS24465	Completed	Supervisor Committee
16	Najlai F.Hameed Al-Saffar	Efficient Scalar Multiplication of Elliptic Curve (Cryptography)	GS31477	Completed	Supervisor Committee
17	Mateen Naser Ridha	Speed Gradient Quantum Algorithm for Quantum Networks	GS36642 UPM/SPS/GS 36642/JK Penyeliaan 25 Feb 2014	on going	Supervisor Committee
18	Mohamed Ardo Mahamed	Computational Structures on Leibniz algebras	GS38210	on going	Supervisor
19	Mojtaba Aliakbarzadeh	Epidemic Toy Model	GS 33488	on going	Supervisor Committee
20	Anvar Nooraldeen	Bornological Structurs	GS 40911	on going	Supervisor

21	Wasan Ajeel Ahmood	The Multi-dimensional Fractional Laplace Transform	GS38497	on going	Supervisor Committee
22	Maysaa Jalil Mohammed 2013.14(2)	Algebraic Statistics	GS38692	Sem 2 2014 on going	Supervisor
23	Muhamed Abubakar Hagi Mohamed	Diassociative algebras and their derivations	GS35195	on going	Supervisor
24	Nadia Faiq Mohammed	Algebraic Statistics	GS36804NG	on going	Supervisor
25	Abdulkadr Adamu	Generalized Derivations	GS38234	on going	Supervisor

(iii) MSc PROGRAMS (IN UPM).

No	Name	Title	Matric No & Study year	Status	Leadership
1.	Abdulkareem Abdulafeez Olalekan	Classification of Lie-like Leibniz algebras	GS33400 2012	Completed	Supervisor
2.	Suzila binti Mohd Kasim	Isomorphism Classes of filiform Leibniz algebras	GS31081 2011	Completed	Supervisor
3.	Nurul Shazwani	Classification of 10-dim filiform Leibniz algebras	GS31070 2011	Completed	Supervisor Committee
4.	Mehrnoosh Farmani	Leibniz algebra contractions	GS31882 2011	On going	Supervisor
5.	Fatanah Deraman	Isomorphism classes and Invariants of Filiform Leibniz Algebras	GS29357 & 2010	Completed	Supervisor
6.	Wong Wen Wei Fizik Matematik dan Berkomputasi	Geometry of Four-Qubits Entanglement	GS27350	Completed	Supervisor Committee

7.	Mouna Bibi Langari	Skejelbred-Sund method for classification of nilpotent Lie Algebras	GS203211	Completed Viva 21/06/10	Supervisor
8.	Sozan J.Obaiys	Classification of nine dimensional filiform Leibniz Algebras	GS20399	Completed 25 Aug., 2009 (Viva)	Supervisor
9.	Siti Syaheera binti Aminudin	On the Cardinality of the set of Solutions to Congruence Equations	GS30635	Completed	Supervisor Committee
10.	Choong Pak Shen	Geometry of local orbits for three qubits	GS35357	on going	Supervisor Committee
11	Ayu Ameliatul Shahilah binti Ahmad Jamri	Combinatorial structures on Leibniz algebras	MS/GS41042	on going	Supervisor Committee
12	Tayebeh Sepehrom		MS/GS38291 2014/2015(2)	on going	Supervisor Committee

X. INTERNAL EXAMINER

MASTER OF SCIENCE.

1.	Name :	Hasmiah Binti Bahari
	Matric No. :	GS 13874
	Faculty :	Dept. of Math., FS.
	Date :	5/10/2006
	Thesis Title :	ONE GENERALIZATION OF BERNULLI NUMBERS

2.	Name :	Siti Nurul' Ain Zaiton
	Matric No. :	GS 16466
	Faculty :	INSPERM
	Date :	17/05/2010
	Thesis Title :	QUTRITS AND TENSOR PRODUCT SU(3)
3.	Name :	Yap Hong Keat
	Matric No. :	GS18468
	Faculty :	INSPERM
	Date :	02/12/ 2010
	Thesis Title :	AN ESTIMATION OF MULTIPLE EXPONENTIAL SUMS IN TWO VARIABLES
4.	Name :	Mojtaba Aliakbarzadeh
	Matric No. :	GS23814
	Faculty :	INSPERM
	Date :	12/05/ 2011
	Thesis Title :	GENERATING MUTUALLY UNBIASED BASES AND DISCRETE WIGNER FUNCTION FOR THREE-QUBIT SYSTEM

PhD.

1.	Name :	Zeyad Abdel Aziz Mah'd Al Zhouh
	Matric No. :	GS 13282
	Faculty :	Dept. of Math. FS.
	Date :	27/11/2006
	Thesis Title :	Generalization of Kronecker and Hadamard products of matrices and some applications

XI. EXTERNAL EXAMINER

PhD.

1.	Name :	Nurulla Azamov
	Institute:	Institute of Mathematics, Uzbekistan Academy of Sciences
	Date :	2001
	Thesis Title:	Representation of Skew-Hermitian Elements in von Neumann Algebras by Skew Commutators
2.	Name :	Mansoor Saburov
	Matric No. :	GS 0839707
	Faculty :	Dept. of Computational and Theoretical Sciences, KS, Intern. Islamic Univ. Malaysia.
	Date :	12/07/2011
	Thesis Title :	Quantum Markov Chains and Related Nonlinear Dynamical Systems
3.	Name :	Izzat Salem Suleiman
	Matric No. :	G1121989
	Faculty :	Dept. of Computational and Theoretical Sciences, KS, Intern. Islamic Univ. Malaysia.
	Date :	19/03/2014
	Thesis Title :	On Ksi-Quadratic Stochastic operators and related algebras.
4	Name :	Biswajit Ransingh Roll No-507MA001 National Institute of Technology Rourkela(India) Supervisor: Prof. K. C Pati
	Thesis Title :	Vogan diagrams of hyperbolic Kac-Moody algebras, Kac-Moody superalgebras and some studies on root system of Kac-Moody superalgebras

XI. RESEARCH ACTIVITIES.

No	Project code	Design.	Project Title	Source /Amount	Year of com.	Year of end
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1.	06-01-04-SF0122	Project Leader	Classification Problems of Finite Dimensional Loday Algebras	SF RM 125,997	2006	2006-2008
2	05-03-08445FR	Project Leader	Algebraic and Geometric Properties of Some Class of Finite dimensional non Associative Algebras	FRGS RM 45,000	2008	2008-2010
3	05-01-09-0733RU	Project Leader	Cohomological approach to the classification problem of Leibniz algebras	RUGS RM 58,000	27/08/09	24 months
4.	5450435	Associate researcher	Efficient Algorithm and Pairing Evaluation in Elliptic Curve Cryptography	SF RM 116, 200	01/04/08	18 months
5	01-12-10-978FR	Project Leader	Isomorphism Classes and Invariants of low-dimensional complex filiform Leibniz algebras	FRGS RM 60,000	March 2011	2011-2013
6	01-12-10-988FR	Associate researcher	Structural Properties of some classes of Dialgebras over Complex Numbers	FRGS RM 58,000	March 2011	2011-2013
7	FRGS 01-04-10-895FR	Associate researcher	On Classification of complex filiform Leibniz algebras in dimensions 9 until 11.	FRGS RM40,640	2010	2010/11
8	FRGS 01-04-10-895FR	Associate researcher	On Degenerations of Low Dimensional Complex Leibniz Algebras	FRGS RM40,000		2012 – 2014
9	05-02-12-2188RU	Project Leader	STRUCTURAL PROPERTIES AND GENERALIZATIONS OF SOME ALGEBRAIC SYSTEMS.	RUGS RM 34,000.00		2012-2014

10	FRGS 01-02-14-1591FR	Project Leader	The problem of description of a class of complex filiform Leibniz algebras	FRGS RM 78000.00	2014	2016
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XII. AWARDS AND APPRECIATIONS

1. Doctor of Sciences in Physics and Mathematics, Institute of Mathematics, Academy of Sciences Republic of Uzbekistan, Tashkent, 2011
2. More than 120 research paper in different reputable International mathematical Journals
3. More than 50 International and national conference participation with invited talks
4. Three monographs and one book published
5. Ten research grants holder with amount RM 576000.00
6. Sijil Perkhidmatan Cemerlang (Tahun 2004 Signed by Naib Canselor UPM)
7. Sijil Penghargaan (Tahun 2004 Signed by Dean Fakulti Sains UPM)
8. Sijil Perkhidmatan Cemerlang (Tahun 2005 Signed by Naib Canselor UPM)
9. Anugerah Saintis Cemerlang Fakulti 2005 (Tahun 2005 Signed by Dean of Faculty of Sciences, UPM)
10. Certificate of Appreciation (Tahun 2005 signed by Director Institute for Mathematical Research of University Putra Malaysia).
11. Sijil Penyertaan (Tahun 2006 signed by Ketua Jabatan Matematik, Fakulti Sains UPM)
12. Sijil Penghargaan (Tahun 2006 Signed by Dekan Fakulti Sains UPM)
13. Certificate of Appreciation (Tahun 2007 signed by Director Institute for Mathematical Research of University Putra Malaysia).
14. Anugerah Saintis Cemerlang 2008 (Signed by Dean of Faculty of Science, UPM)
15. Anugerah Pengajar Cemerlang 2008 (Signed by Dean of Faculty of Science, UPM)
16. Sijil Penyertaan (Tahun 2009) (Pengerusi Sesi) (Signed by Pengerusi SKSM Ke-17)
17. Anugerah Penyelidik Cemerlang (Tahun 2009) (Signed by Director INSPERM).
18. Sijil Pernghargaan Pengajaran (Sesi I 2009/2010 Course MTH 3004) (Signed by Dean of Faculty of Science, UPM)
19. Sijil Pernghargaan Pengajaran (Sesi II 2009/2010 Course MTH 3202) (Signed by Dean of Faculty of Science, UPM)
20. Sijil Pernghargaan Pengajaran (Sesi I 2010/2011 Course MTH 3200) (Signed by Dean of Faculty of Science, UPM)
21. Sijil Pernghargaan Pengajaran (Sesi I 2010/2011 Course MTH 3103) (Signed by Dean of Faculty of Science, UPM)
22. Sijil Pernghargaan Pengajaran (Sesi II 2010/2011 Course MTH 3103) (Signed by Dean of Faculty of Science, UPM)
23. Sijil Perkhidmatan Cemerlang (Tahun 2010 Signed by Naib Canselor UPM)
24. Sijil Pengajar Cemerlang (Sesi II 2010/11 Course MTH5201) (Signed by Dean of Faculty of Science, UPM)
25. Anugerah Perkhidmatan Cemerlang (Tahun 2010 Signed by Dean of Faculty of Sciences, UPM)
26. The isomorphism classes and invariants of low-dimensional complex filiform Leibniz algebras, Bronze Medal, PRPi 08, PEMERAN REKA CIPTA PENYELIDIKAN DAN INOVASI, UPM 2008.
27. Contractions of 3-dimensional complex nilpotent Leibniz algebras. Bronze Medal, PRPi 08, PEMERAN REKA CIPTA PENYELIDIKAN DAN INOVASI, UPM 2008.

28. On low-dimensional Lie-like filiform Leibniz algebras and Their Invariants, Bronze Medal , PRPi 09, PEMERAN REKA CIPTA PENYELIDIKAN DAN INOVASI, UPM 2009 .
29. Classification Theorem of low-dimensional Diassociative algebras, Bronze Medal , PRPi 09, PEMERAN REKA CIPTA PENYELIDIKAN DAN INOVASI, UPM 2009.
30. Isomorphism Classes of low-dimensional Diassociative algebras, Bronze Medal , PRPi 10, PEMERAN REKA CIPTA PENYELIDIKAN DAN INOVASI, UPM 2010.
31. On low-dimensional filiform Leibniz algebras and Their Invariants, Bronze Medal , PRPi 10, PEMERAN REKA CIPTA PENYELIDIKAN DAN INOVASI, UPM 2010 .
32. An Invariant approach to the Classification Problem of Finite-dimenswional filiform Leibniz algebras, Silver Medal , PRPi 32. PEMERAN REKA CIPTA PENYELIDIKAN DAN INOVASI, UPM 2010 .
33. Sijil Penghargaan, ANUGERAH PERKHIDMATAN CEMERLANG, Tahun 2011.
34. Sijil Pengajaran Cemirlang, 2011/2012 MTH3201, Tahun 2012.
35. Sijil Pengajaran Cemirlang, 2011/2012 MTH3103, Tahun 2012.
36. Sijil Pengajaran Cemirlang, 2011/2012 MTH3100, Tahun 2012.
37. Sijil Penyertan, Tahun 2012.
38. Certificate of Appriciation, ISPC 2012, Tahun 2012.
39. Sijil Pengajaran Cemirlang, 2012/2013 MTH4201, Tahun 2013.
40. Sijil Pengajaran Cemirlang, 2012/2013 MTH3202, Tahun 2013.
41. Sijil Pengajaran Cemirlang, 2012/2013 MTH3201(2), Tahun 2014.
42. Sijil Penghargaan Perkhidmatan Cemirlang, 2012, Tahun 2013.
43. Sijil Penghargaan, Tahun 2013.
44. Certificate of Appriciation SORIC 2013, Tahun 2013.
45. Sijil Penyertaan SKSM 21, Tahun 2013.
46. Cambridge Certificate for Outstanding Educational Achievement, 2013
47. Sijil Penghargaan Perkhidmatan Cemirlang, 2012, Tahun 2013. Naib canselor, UPM
48. Pencapaian Prestasi Tahun 2013, (**CEMERLANG**), Pejabat Pendaftar
49. Sijil Penghargaan, Majlis Konvo UPM Ke-37, Timbalan Naib Cancelor (Akademik & Antarabangsa), UPM
50. Sijil Penghargaan, Tahun 2014.
51. Certificate of Appreciation, INTERNATIONAL REAECH, INVENTION AND INNOVATION EXHIBITION 2014 (IRIIE 2014), (**JUDGE**)
52. Sijil Pengajaran Cemirlang, 2012/2013 MTH3201(1), Tahun 2014.
53. Sijil Pengajaran Cemirlang, 2012/2013 MTH3004(1), Tahun 2014.
54. Sijil Pengajaran Cemirlang, 2013/2014 MTH3200(2), Tahun 2014.
55. Sijil Pengajaran Cemirlang, 2012/2013 MTH3201(2), Tahun 2014.

XIII. OTHER ACTIVITIES

1. Member of Uzbekistan Mathematical Society.
2. Board of editors Research Bulletin INSPEM Math. Digest.
3. Coordinator of INSPEM research program: STRUCTURAL THEORY OF FINITE DIMENSIONAL ALGEBRAS.
4. Member of the INSPEM management committee (2007-2009)
5. Coordinator of Jabatan Matematik, FS seminar committee (2008)
6. Member of Jabatan Matematik Keselamatan dan Kesihatan committee (2009)

7. Coordinator of Weekly Scientific seminar for Researchers and Graduate Students (Laboratory of Theoretical Studies, INSPERM).
8. Mathematical Review (American Mathematical Society)– reviewer.
9. Zentralblatt MATH (European Mathematical Society) – reviewer.
10. Member of the Malaysian Mathematical Science Society.
11. Referee – Local and International journals.

XIV. HOBBY

1. Volleyball
2. Tennis
3. Swimming