

Dr. Rishi Pal
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Presently working as Assistant Professor in the Department of Physics, Chaudhary Bansi Lal University, Bhiwani-127021 (Haryana) since 26th Sept., 2016

Educational Qualifications

- Ph.D. (Physics) from Kurukshetra University, Kurukshetra.
- M. Phil. (Physics) from Kurukshetra University, Kurukshetra.
- M.Sc. Physics from Department of Physics, Kurukshetra University, Kurukshetra.
- B.Sc. from Kurukshetra University, Kurukshetra.

Ph.D. Supervision: 02 students completed their Ph. D.

: 02 Student pursuing their Ph.D.

Total Teaching Experience: 12 year

List of Publications

1. Vijay, Manjeet, **Rishi Pal Chahal** and Manjeet Singh Gautam, **Book Chapter:** "A Brief Overview on Multidisciplinary Research" *Page (2025) 14-26, Title of Book: Exploration of Knowledge and Information in Sciences, ISBN 978-93-48859-02-0 (Print), ISBN 978-93-48859-93-8 (eBook).*
2. V Ghanghas, M Singh, **RP Chahal**, "Fusion dynamics in the formation of ^{110}Sn near and below the nominal barrier" *Journal of Physics: Conference Series 2919 (1), (2024) 012032.*
3. Manjeet, N Deopa, A Kumar, **RP Chahal**, "Effect of Dy^{3+} ions on physical, structural and thermal properties of ZnNaPbB glasses" *Physica Scripta 99 (10), (2024) 1059a6. Impact Factor: 2.6*
4. M Malik, **RP Chahal**, S Mahendia, "Ternary nanostructure of CdS-rGO-Ag for enhanced photo electrochemical application" *Environmental Science and Pollution Research, (2024) 1-14. <https://doi.org/10.1007/s11356-024-34541-x>. Impact Factor: 5.4*
5. V Ghanghas, **RP Chahal**, MS Gautam, S Duhan, H Khatri, "Formation of ^{110}Sn via fusion of $^{40}\text{Ca} + ^{70}\text{Zn}$, $^{46}\text{Ti} + ^{64}\text{Ni}$ and $^{50}\text{Ti} + ^{60}\text{Ni}$ reactions" *Indian Journal of Physics, 98 (2024) 2507-2516. Impact Factor: 1.6*

6. A Nain, E Dhanda, **RP Chahal**, S Dahiya, "Study of electrical and dielectric properties as an effect of nanoparticle concentration and UV irradiation of PVA-Ag nanocomposites" *Physica Scripta* 99 (3) (2024)035919. **Impact Factor: 2.6**
7. A Nain, E Dhanda, **RP Chahal**, S Dahiya, "PVA/CdS-Ag Nanocomposites: Effect of Composition and UV Radiation on Optical, Electrical and Structural Properties" *ECS Journal of Solid State Science and Technology* 13 (1) (2024) 013006. **Impact Factor:2.483**
8. MS Gautam, **RP Chahal**, SB Kuhar, S Duhan, H Khatri, "Fusion of Stable Odd-A isotope targets with Doubly Magic 16O Projectile" *Journal of Physics: Conference Series* 2663 (1) (2023) 012040.
9. **RP Chahal**, SB Kuhar, S Duhan, H Khatri, MS Gautam, "Fusion Dynamics of 27Al+ 74Ge Nuclear Reaction" *Journal of Physics: Conference Series* 2663 (1), (2023) 012044.
10. SB Kuhar, MS Gautam, **RP Chahal**, S Duhan, H Khatri, "Fusion dynamics of 12C+ 46, 48, 50Ti reactions" *Journal of Physics: Conference Series* 2663 (1) (2023) 012041.
11. Manjeet, K Poria, N Deopa, A Kumar, **R. P. Chahal**, "Optimization of dysprosium ions doped borate glasses for photoluminescence applications" *Materials Letters: X* 19 (2023) 100208. **Impact Factor: 2.2**
12. Manjeet, Ravina, Amit, Kanishk Poria, Nisha Deopa, Anand Kumar, **R.P. Chahal**, "Impact of Sm³⁺ ions on structural, thermal, optical and photoluminescence properties of ZnO–Na₂O–PbO–B₂O₃ glasses for optoelectronics device applications", *Optical Materials* 139 (2023) 113778. **Impact Factor: 3.574**
13. A. Nain, **Rishi Pal Chahal**, E. Dhanda and S. Dahiya, "Tailoring of Optical, Dielectric, and Structural Parameters of PVA by CdS-Ag Core-Shell Nanoparticles and UV Irradiation" *ECS Journal of Solid State Science & Technology*, 12 (2023) 073006. **Impact Factor:2.483**
14. Manjeet , Ravina , Amit , Kanishk Poria, Nisha Deopa, Anand Kumar, R.P. Chahal, "Optimization of dysprosium ions doped borate glasses for photoluminescence applications" *Optical Material Letters* 19 (2023) 100208. **Impact Factor: 2.48**
15. A. Nain, S. Dahiya, **Rishi Pal Chahal**, and E. Dhanda, "Synergic effect of CdS nano additive and UV exposure on properties of PVA/CdS nanocomposite" *ECS Journal of Solid State Science & Technology*, 12 (2023) 023008. **Impact Factor: 2.483**
16. S. Dokwal, S. Mahendia, **Rishi Pal Chahal**, V. Sharma, S. B. Kuhar, and S. Kumar "Irradiation-induced effect on polymer: From mechanism to biomedical applications" **BOOK Chapter** *Radiation Technologies and Applications in Materials Science*, CRC Press, 149-175 (2022).
17. S Mahendia, Sumit Dokwal, Poonam Mahendia, Rishi Pal Chahal, "Waste: Problem, Sustainable management and conversion to value added products" **Book Chapter**, *Waste Management Strategies, Challenges and Future Direction*, Nova Science Publication, New York 47-72 (2022)
18. Vijay, N. Grover, K. Sharma, M. S. Gautam, M. K. Sharma, and **Rishi Pal Chahal** "Fusion-fission analysis of ¹²C + ²⁴⁸Cm and ¹⁶O + ²⁴⁴Pu nuclear reactions across the Coulomb barrier" *Phys. Rev. C* **106**, 064609 (2022). **Impact Factor: 3.296**

19. Vijay, **Rishi Pal Chahal**, M. S. Gautam, H. Khatri, S. Duhan "Sub-Barrier Fusion Analysis of $^{14}\text{N} + ^{59}\text{Co}$ and $^{16}\text{O} + ^{59}\text{Co}$ Systems" [AIP Conf. Proc.2451, 020008 \(2022\)](#).
20. Manjeet. A.Kumar, Anu, Ravina, Nisha Deopa, Anand Kumar, **Rishi Pal Chahal**, S. Dahiya, R. Punia, and A. S. Rao "Structural, thermal, optical and luminescence properties of Dy^{3+} ions doped Zinc Potassium Alumino Borate glasses for optoelectronics applications" [J. Non-Cryst. Solids 588, 121613 \(2022\)](#). **Impact Factor: 4.458**
21. V. Ghanghas, **Rishi Pal Chahal**, S. Duhan, H. Khatri, and M. S. Gautam "Interplay of neutron transfer in the fusion process of $^{16}\text{O} + ^{112,116,120}\text{Sn}$ and $^{18}\text{O} + ^{116}\text{Sn}$ systems at sub-barrier energies" [Braz. J. Phys.52, 84 \(2022\)](#). **Impact Factor: 1.364**
22. Vijay, M. S. Gautam, **Rishi Pal Chahal**, S. Duhan, and H. Khatri "Comprehensive analysis of heavy-ion fusion reactions around the Coulomb barrier" [Phys. Scr.97, 045305 \(2022\)](#). **Impact Factor: 2.6**
23. A. Nain, S. Dahiya, **Rishi Pal Chahal**, and E. Dhanda "Ultraviolet (UV) irradiated induced changes in optical properties of PVA/Ag nanocomposite films" [Phys. Scr.97, 045817 \(2022\)](#). **Impact Factor: 2.6**
24. Vijay, M. S. Gautam, **Rishi Pal Chahal**, "Sensitivity of fusion cross section and barrier distribution towards the choice of potential parameters" [Proceeding of the DAE symposium on Nuclear Phys 66, 471 \(2022\)](#).
25. M. S. Gautam, Vijay, **Rishi Pal Chahal**, S. Duhan, and H. Khatri, " theoretical approach to explore the fusion dynamics of $^{16}\text{O} + ^{112}\text{Sn}$ reaction" [Proceeding of the DAE symposium on Nuclear Phys 66, 473 \(2022\)](#).
26. Vijay, M. S. Gautam, **Rishi Pal Chahal**, "Barrier distribution analysis for fusion of ^{32}S with ^{89}Y " [Proceeding of the DAE symposium on Nuclear Phys 66, 551 \(2022\)](#).
27. M. S. Gautam, **Rishi Pal Chahal**, S. Duhan, H. Khatri, Vijay, "coupled channel versus EDWSP analysis for the fusion of ^{32}S with ^{112}Sn at sub barrier energies" [Proceeding of the DAE symposium on Nuclear Phys 66, 515 \(2022\)](#).
28. Vijay, **Rishi Pal Chahal**, S. Duhan, H. Khatri, and M. S. Gautam "Fusion dynamics of ^{12}C with ^{92}Zr and $^{194,198}\text{Pt}$ targets at energies lying in the neighborhood of Coulomb barrier" [Int. J. Mod. Phys. E 30, 2150075 \(2021\)](#). **Impact Factor: 1.174**
29. M. S. Gautam, Vijay, **Rishi Pal Chahal**, H. Khatri, and S. Duhan "Neutron transfer versus collective excitations in sub-barrier fusion dynamics of $^{28}\text{Si} + ^{90,96}\text{Zr}$ reactions" [AIP Conf. Proc.2352, 050019 \(2021\)](#).
30. Vijay, M. S. Gautam, **Rishi Pal Chahal**, S. Duhan, and H. Khatri "Fusion mechanism of $^{12}\text{C} + ^{232}\text{Th}$ system at sub-barrier energy realm" [AIP Conf. Proc.2352, 050015 \(2021\)](#).
31. S. Duhan, M. S. Gautam, H. Khatri, and **Rishi Pal Chahal** "Structural study of stable (^4He) and Halo (^6He , ^8He) helium isotopes using Skyrme pairing force-SKP modified SKM* and SLy4 functional" [AIP Conf. Proc.2352, 050016 \(2021\)](#).
32. Vijay, **R.P. Chahal**, M. S. Gautam, S. Duhan, and H. Khatri "Fusion cross sections and barrier distributions for $^{16}\text{O} + ^{70,72,73,74,76}\text{Ge}$ and $^{18}\text{O} + ^{74}\text{Ge}$ reactions at

- energies near and below the Coulomb barrier" *Phys. Rev. C* **103**, 024607 (2021).
Impact Factor: 3.199
33. Vijay, Manjeet Singh Gautam, **Rishi Pal Chahal**, Sukhvinder Duhan, and Hitender Khatri "Analysis of Barrier distribution data for $^{16}\text{O} + ^{64}\text{Zn}$ reaction at sub-barrier energies" *J. Phys.: Conf. Ser.* **2089**, 012018 (2021).
 34. M. S. Gautam, H. Khatri, S. Duhan, Vijay and **Rishi Pal Chahal** "Sub-barrier fusion dynamics of $^{16,17}\text{O} + ^{144}\text{Sm}$ reactions" *Proceedings of the DAE Symp. on Nucl. Phys.* **65**, 367 (2021).
 35. Vijay, **Rishi Pal Chahal**, M. S. Gautam, S. Duhan, and H. Khatri "Influence of low-lying excitation states and higher order deformations in sub-barrier fusion enhancement" *Proceedings of the DAE Symp. on Nucl. Phys.* **65**, 369 (2021).
 36. **Rishi Pal Chahal**, Vijay, M. S. Gautam, S. Duhan, and H. Khatri "Barrier distribution of $^{18}\text{O} + ^{92}\text{Mo}$ system at sub-barrier energies" *Proceedings of the DAE Symp. on Nucl. Phys.* **65**, 429 (2021).
 37. Vijay, M. S. Gautam, **Rishi Pal Chahal**, S. Duhan, and H. Khatri "Analysis of Fusion Excitation Function for $^{16}\text{O} + ^{64}\text{Zn}$ Reaction at Sub-barrier Energies" published in *Progression in Science, Technology and Smart Computing* [ISBN-978-81-948061-2-7] page No. 100-104, (2021).
 38. M. S. Gautam, S. Duhan, **Rishi Pal Chahal**, H. Khatri, S. B. Kuhar, and K. Vinod "Influence of neutron transfer channels and collective excitations in the fusion of ^{28}Si with $^{90,92,94,96}\text{Zr}$ targets" *Phys. Rev. C* **102**, 014614 (2020). **Impact Factor: 3.199**
 39. M. S. Gautam, S. Duhan, **Rishi Pal Chahal**, and H. Khatri "Projectile breakup effects in the fusion dynamics of $^6\text{Li} + ^{144,152}\text{Sm}$ reactions around Coulomb barrier" *Int. J. Mod. Phys. E* **29**, 2050029 (2020). **Impact Factor: 1.174**
 40. M. S. Gautam, K. Vinod, S. Duhan, **Rishi Pal Chahal**, and H. Khatri "Investigation of contribution of complete and incomplete fusion in the total fusion process of $^6\text{Li} + ^{90,96}\text{Zr}$ reactions in vicinity of the Coulomb barrier" *Nucl. Phys. A* **998**, 121730 (2020). **Impact Factor: 1.558**
 41. **Rishi Pal Chahal**, S. Mahendia, A. K. Tomar, and S. Kumar "Optical and electrical properties of UV irradiated PVA/Ag nanocomposites" *AIP Conf. Proc.* **2142**, 160005 (2019).
 42. A. K. Tomar, S. Mahendia, **Rishi Pal Chahal**, and Shyam Kumar "DC conductivity and charge transportation in PMMA and CSA doped polyaniline composites" *AIP Conf. Proc.* **2115**, 030228 (2019).
 43. A. K. Tomar, S. Mahendia, **Rishi Pal Chahal**, and S. Kumar "Electrical studies of PMMA blended with iron loaded polyaniline" *AIP Conf. Proc.* **2093**, 020002 (2019).
 44. **Rishi Pal Chahal**, S. Mahendia, A. K. Tomar, A. Malik, H. Kumar, and S. Kumar "Gamma irradiation induced modification in optical behaviour of PVA/Ag nanocomposite films" *AIP Conf. Proc.* **2093**, 020005 (2019).

45. A. Malik, H. Kumar, **Rishi Pal Chahal**, and F. Chand "A dynamical study of certain nonlinear diffusion–reaction equations with a nonlinear convective flux term" [Pramana](#)**92**, 8 (2019). **Impact Factor: 2.219**
46. S. Mahendia, **Rishi Pal Chahal**, A. K. Tomar, H. Wadhwa, and S. Kumar , **Book Chapter**-"Radiation-induced effects on the properties of polymer-metal nanocomposites" [Radiation Effects in Polymeric Material](#), Springer, Cham, 141-192 (2019).
47. M S Gautam, . H Kathri, **Rishi Pal**, Dr. N. Kumar, **BOOK** "Physica Lab manual of B.Sc. I & II Semester" Unique book publication Delhi, 2019.
48. S. Mahendia, P. K. Goyal, A. K. Tomar, **Rishi Pal Chahal**, and S. Kumar "Study of Dielectric Behavior and Charge Conduction Mechanism of Poly(Vinyl Alcohol) (PVA)-Copper (Cu) and Gold (Au) Nanocomposites as a Bio-resorbable Material for Organic Electronics" [Journal of Electronic Materials](#) **45**, 5418-5426 (2016). **Impact Factor: 1.938**
49. **Rishi Pal Chahal**, S. Mahendia, A. K. Tomar, and S. Kumar "Optical and structural properties of gamma irradiated PVA/Ag nanocomposite films" [Applied Science Letters](#)**2**, 68-71 (2016).
50. **Rishi Pal Chahal**, S. Mahendia, A. K. Tomar, and S. Kumar "SHI irradiated PVA/Ag nanocomposites and possibility of UV blocking" [Optical materials](#)**52**, 237-241 (2016). **Impact Factor: 3.08**
51. **Rishi Pal Chahal**, S. Mahendia, A. K. Tomar, and S. Kumar "UV irradiated PVA–Ag nanocomposites for optical applications" [Applied Surface Science](#) **343**, 160-165 (2015). **Impact Factor: 7.392**
52. S. Kumar, K. Sharma, Neetu, V. Kumar, and **R. Pal** "Energy loss for heavy ions in polymers: A possible correlation with the induced changes in optical and electrical properties" [IOP Conf. Series: Materials Science and Engineering](#) **73**, 012021 (2015).
53. S. Mahendia, **Rishi Pal Chahal**, N. Munjal, S. Kumar "Graphene-Polyvinyl Alcohol (PVA) Composites with Enhanced Conductivity: A Comparative Study of Various Synthesis Approaches" [Advanced Electrochemistry](#)**2**, 50-54 (2014).
54. K. Sharma, **Rishi Pal Chahal**, S. Mahendia, A. K. Tomar, and S. Kumar "Optical behaviour of swift heavy ions irradiated poly (vinyl alcohol) films" [Radiation Effects and Defects in Solids](#) **168**, 378-384 (2013). **Impact Factor: 1.141**
55. **Rishi Pal Chahal**, S Mahendia, A. K. Tomar, and S. Kumar "γ-Irradiated PVA/Ag nanocomposite films: Materials for optical applications" [Journal of Alloys and Compounds](#) **538**, 212-219 (2012). **Impact Factor: 6.371**
56. A. K. Tomar, S. Mahendia, **Rishi Pal Chahal**, and S. Kumar "Photoluminescence and refractive index behaviour of PMMA-PAni blends" [AIP conference proceedings](#) **1447**, 591-592 (2012).
57. A. K. Tomar, S. Mahendia, **Rishi Pal Chahal**, and S. Kumar "Structural and dielectric spectroscopic studies of polyaniline-poly (methyl methacrylate) composite films" [Synthetic metals](#) **162**, 820-826 (2012). **Impact Factor: 4**

58. AK Tomar, S Mahendia, **Rishi Pal Chahal**, and S Kumar "Thermal properties of PMMA doped with Polyaniline" [AIP Conf. Proc.1393, 145-146 \(2011\)](#).
59. S Mahendia, AK Tomar, **Rishi Pal Chahal**, and S Kumar "Synthesis and Characterization of Silver-Poly (vinyl alcohol) Nanocomposites" [AIP Conf. Proc.1349, 339-340 \(2011\)](#).
60. S Mahendia, AK Tomar, **Rishi Pal Chahal**, P Goyal, and S Kumar "Optical and structural properties of poly (vinyl alcohol) films embedded with citrate-stabilized gold nanoparticles" [J. Phys. D: Applied Physics 44, 205105 \(2011\)](#).
Impact Factor: 3.409
61. **Rishi Pal Chahal**, S Mahendia, AK Tomar, S Kumar "Effect of ultraviolet irradiation on the optical and structural characteristics of in-situ prepared PVP-Ag nanocomposites" [Digest Journal of Nanomaterials and Biostructures 6, 301-308 \(2011\)](#). **Impact Factor: 0.963**

List of Paper presented in Conferences/Seminars

1. Rishipal, "Influence of Ultra-Violet radiations on the PVP-Ag nanocomposite films" **National Conference** on Recent Advances in Condensed Matter Physics 23-24 May 2009.
2. Rishi Pal Chahal "16th **National symposium** on Solid state Nuclear Track Detectors and Their Applications" 9-11 Nov 2009.
3. Rishi Pal Chahal "Effect of ultraviolet irradiation on the optical properties of PVA-Ag Nanocomposites" **National Conference** on Recent Advances in Material Science, 25-26 Feb 2012.
4. Rishi Pal Chahal, "PVA-Ag Nanocomposites: SHI Irradiation Induced Effects on Optical Properties" **National Seminar** on Advancement in Material Science, 25-26 Feb 2014.
5. Rishi Pal Chahal, "PVA-Ag Nanocomposites: SHI irradiation induced effect on optical properties" **National Seminar** on advancement i material science, March 10, 2014.
6. Rishi Pal Chahal, "Poly vinyl Alcohol (PVA)-Ag Nanocomposites: effect of SHI irradiation" **National workshop** on ion beam induced growth and engineering of materials, March 11-12, 2014.
7. Rishi Pal Chahal, "Increased thermal stability of grapheme grafted PVA composites" **National conference** on recent development in Physics March 29-30, 2014.
8. Rishi Pal Chahal, "PVA-Ag Nanocomposites: Irradiation Induced Effects" Recent Developments in Theoretical and Experimental Physics, March 21, 2015.
9. Rishi Pal Chahal, "PVA-Ag Nanocomposites: Optical properties and Irradiation Induced Effects" **National Seminar** on Recent Trends in Physics and Chemistry, 25 March, 2015.

10. Rishi Pal Chahal, "Optical and structural properties of gamma irradiated PVA/Ag nanocomposite films" **National Conference** on Physics Industry Interface, 02-04 Sept 2015.
11. Rishi Pal Chahal, "Modification in the properties of swift heavy ion irradiated polymer nanocomposite films" **National Conference** on Current Advances in Theoretical and Experimental Physics, 07 Nov, 2015.
12. Rishi Pal Chahal "Optical properties of SHI irradiated PVA/Ag nanocomposite films" **National Conference**, RTSTCA, 22 March 2018.
13. Rishi Pal Chahal "Gamma irradiated induced modification in PVA/Ag nanocomposites" **National Conference** RACMP, 12-13 Oct 2018.
14. Rishi Pal Chahal Presented a paper in **International conference** on Advances in Basic Science 7-9 Feb, 2019.
15. Rishi Pal Chahal, Electrical properties of gamma irradiated PVA/Ag nanocomposite films" **International Conference** (CONIAPS XXV) 29-31 Dec. 2019.
16. Rishi Pal Chahal "Sensitivity of fusion cross section and barrier distribution towards the choice of potential parameters" **International conference** 17-18 Dec. 2021.
17. Rishi Pal Chahal "PVA/Ag Nanocomposite films: Induced optical parameters as a result of UV exposure" **National seminar** on statics and its applications 29th June, 2022.
18. Rishi Pal "UV irradiated induced modification in the properties of Polyvinyl alcohol doped Ag nanoparticle nanocomposite films" **National Conference** on Emerging trends in Engineering, Science and management, 26-27 November 2022.
19. Rishi Pal Chahal, "Irradiation induced modification in the properties of PVA/CdS nanocomposite films", **2nd International conference** on advanced development in chemistry and allied sciences, 17-18 Jan 2023.
20. Rishi Pal Chahal, "Effect of irradiation on the properties of CdS nanoparticle doped polymers" **National Seminar** (Multidisciplinary) India @ 75: Achievements and prospects, 31 Jan 2023.
21. Rishi Pal Chahal, "Optical behaviour of ultraviolet radiation exposed polymer nanocomposite films" International Conference: Application of mathematics in physical science, social sciences and Engineering-2023, held at CBLU 19-20 January, 2024.
22. Rishi Pal Chahal, " Ion beam irradiation induced modification in metal nanoparticles doped polymer films" National Conference: Photonic and Material Science held at GJU, 14-15 March 2024.

Recourse Person

1. Rishi Pal, Chaired technical session “National Conference on Mathematical application in science & technology” 22 Dec 2020.
2. Rishi Pal, Chaired technical session “International Conference on Mathematical modelling in physical sciences, social sciences and technology” 17-18 Dec 2021.
3. Rishi Pal, Resource Person in One day Workshop on “Contribution of universities of Haryana in the field of Nanotechnology and Nano-science” held on 29 Jan 2022 at AMM College Bhiwani.

Act as Reviewer for the following Journals

1. ACS Applied Materials & Interfaces
2. ACS Electronic Materials
3. ACS Physical Chemistry
4. ACS Organic and Inorganic Au
5. Analytical Letter
6. Ceramics International
7. Chinise Physics Letter C
8. Dose Response
9. Experimental Nanoscience
10. Inorganic and Non-metal Chemistry
11. Journal of alloys and compounds\
12. Applied Surface Science
13. Journal of Electronic materials
14. Journal of radiation research and applied science
15. Journal of spectroscopy
16. ECS Journal of Solid State Science and Technology
17. Journal of Luminescence
18. Journal of Material Research
19. Measurement of Science & Technology
20. Microwave and optical Technological Letter
21. Material Research Express
22. Journal of Nano Dimension
23. Journal of Nano
24. Nanostructure and Nano Object
25. Journal of Open Physics
26. Journal of Optical and Quantum Electronics
27. Journal of Electronic Material
28. Journal of Oxford open Physics
29. Journal of Phase Transition

30. Journal of Physics and Chemistry of Material
31. Journal of Physica Scripta
32. Journal of Progressive coatings
33. Journal of Polymer International
34. Journal of RSC Advances
35. ECS Journal of Solid State Science and Technology
36. Journal of Vinyl and additive technology
37. Vietnam Journal of Chemistry
38. Journal of Water, air and Pollution
39. Journal of review of Advance of Material Science
40. Journal of Pharmaceutical Nanotechnology