

INTERNATIONAL COLLEGE FOR GIRSL (AUTONOMOUS)

Department of Physics

List of Publications in Referred Journals

Dr. K.S.Sharma:

| S.No. | Title of Publication | Name of the Journal | Details of Journal (Name, Vol. No., page No./Year) |
|-------|--|------------------------------|--|
| 1. | A linear Potential and Phonons in Sodium | Solid State Commum (GB) | 30 , 749-53 (1979) |
| 2. | Application of Morse potential to metals in molecular-metallic frame work | Proc. INSA | 45A , 423-31 (1979) |
| 3. | Linear potential and phonons in alkali metals | Czech. J. Phys. | B30 , 531-40 (1980) |
| 4. | Linear potential and phonons in Aluminium | Indian J. Pure Appl. Phys. | 18 , 536-38 (1980) |
| 5. | Linear potential and phonons in lead | Indian J. Phys. | 54A , 311-17 (1980) |
| 6. | Compressibility of simple metals on Harrison potential | Indian J. Pure Appl. Phys. | 18 , 557- 61 (1980) |
| 7. | A general pseudopotential approach to metallic compressibilities | Phys.Stat.Sol. (b) | 97 , 610-07 (1980) |
| 8. | A local pseudopotential approach to metallic compressibilities | J. Phys. F: Metal Phys. (GB) | 10 , 827-31 (1980). |
| 9. | Veljkovic Slavic pseudopotential and resistivity of liquid metals | Indian J. Pure Appl. Phys. | 19 , 313-15 (1981) |
| 10. | Phonon Dispersion in Barium | Phys. Stat. Sol. (b) | 108 , K101-03 (1981) |
| 11. | Linear potential and phonons in Calcium and Strontium | Solid State Commun. (GB) | 38 , 1083-85 (1981) |
| 12. | A pseudopotential calculation of phonons in copper | Phys. Stat.Sol. (b) | 113 , 73-77 (1982) |
| 13. | Pseudopotential dependence of superconducting state parameters of Al | Indian J. Pure Appl. Phys. | 21 , 725-26 (1983) |
| 14. | A pseudopotential approach to superconducting state parameters of certain metals | Czech. J. Phys. | B34 , 325-31 (1984) |
| 15. | Screening dependence of superconducting state parameters | Czech. J. Phys. | B36 , 719-28 (1986) |
| 16. | Pseudopotential dependence of superconducting state parameters | Indian J. Phys. | 60A , 373-80 (1986) |
| 17. | Linearised screened Pseudopotential and superconducting state parameters of a number of metals | Phys. Stat. Sol. (b) | 133 , 701-06 (1986) |
| 18. | Effect of pressure on the behavior of non-transition metallic superconductors | Czech. J. Phys. | B38 , 611-21 (1988) |

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|-----|--|--|----------------------------|
| 19. | Role of phonons in superconductivity | Czech. J. Phys. | B39 , 537-48 (1989) |
| 20. | Dielectric relaxation studies of 2-Chloro-3- (p-ethoxy anilino)-1, 4-napthoquinone (II) | Indian J. Pure Appl. Phys. | 29 , 226-27 (1991) |
| 21. | Screening dependence of binding energy of K based alloys of alkali metals | Indian J. Pure Appl. Phys. | 31 , 13-18 (1993) |
| 22. | Application of pseudopotential theory for the prediction of super –conducting state parameters of binary alloys | Indian J. Pure Appl. Phys. | 31 , 628-34 (1993) |
| 23. | Dielectric relaxation studies of some Ketones in non-polar solvents at different temperatures | Indian J. Pure Appl. Phys. | 31 , 721-26 (1993) |
| 24. | A theoretical estimation of superconducting state parameters of binary alloys | J. Pure Appl. Phys. | (Dec. 1993 issue) |
| 25. | Dependence of binding energy of Rb based alkali metal alloys on dielectric screening function | Indian J. Phys. | 68A , 59-70 (1994) |
| 26. | Dielectric studies of oil cakes at microwave frequencies | J. Phytol Res. | 7 , 173-77 (1994) |
| 27. | Screening dependence of superconducting state parameters of binary alloys | Indian J. Pure Appl. Phys. | 32 , 915-24 (1994) |
| 28. | Pseudopotential dependence of superconducting state parameters of Bi based binary alloys | Indian J. Phys. | 69A , 469-75 (1995) |
| 29. | Pseudopotential dependence of superconducting state parameters of In based binary alloys | Proc. Nat. Acad.Sci. India | 65A , 455-64 (1995) |
| 30. | Viscoelastic and dielectric relaxation studies of some Ketones in dilute solutions of benzene, paraffin oil and their mixtures | Indian J. Pure Appl. Phys. | 34 , 380-92 (1996) |
| 31. | Temperature dependence of para-methyl-acetophenon, dimethyl- sulphoxide and their mixtures and dilute solutions in benzene | Indian J. Pure Appl. Phys. | 34 , 1-7 (1996) |
| 32. | Dielectric behavior of Ketone-Amine binary mixtures at microwave frequencies | PRAMANA | 46 , 259-70 (1996) |
| 33. | Binding energy and compressibility of alkali metallic alloys | Indian J. Pure Appl. Phys. | 34 , 792-97 (1996) |
| 34. | A theoretical estimation of superconducting state parameters of binary alloys | Acta Ciencia Indica | 22 , 1-6 (1996) |
| 35. | A theoretical estimation of transition temperature of Tl and Bi based ceramic superconductors | Asian J. Phys. | 5 , 451-56 (1996) |
| 36. | Superconducting state parameters of metallic glass Mg ₇₀ Zn ₃₀ using linearised screened pseudopotential | PRAMANA | 48 , 923-28 (1997) |
| 37. | A pseudopotential approach to the superconducting state properties of metallic glass Ca ₇₀ Mg ₃₀ ” | Superconductor science & technology; Institute of Physics (G.B.) | 10 , 557-61 (1997) |
| 38. | Computation of form factors for the metallic glass Ca ₇₀ Zn ₃₀ from Aschcroft’s potential | The Physics of Disordered Materials, Pub.- NISCOM, New Delhi (India); presented at the International Conference PODM, held at Jaipur (India) | 99-101, (1997) |

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| 39. | Structural phase transition in some disordered binary alloys | Indian J. Pure Appl. Phys. | 36 , 523-27 (1998) |
| 40. | Pressure dependence of superconducting state parameters of Mg ₇₀ Zn ₃₀ metallic glass | PRAMANA | 53 , 765-74 (1999) |
| 41. | Superconducting properties of metallic glass Ca ₇₀ Mg ₃₀ through Aschcroft's pseudopotential | Phys. Stat. Sol. (b) | 211 , 731-35 (1999) |
| 42. | A pseudopotential approach to the temperature dependence of the resistivity of binary alloys | Indian J. Pure Appl. Phys | (2000) |
| 43. | Dielectric relaxation studies of argemone – mexicana oil in pure form and in dilute solution of benzene at different temperatures | Indian J. Pure Applied Physics | 39 , 329 – 34 (2001) |
| 44. | Dielectric properties of different varieties of rapeseed – mustard oil at different temperatures | Indian J. Pure Appl. Phys. | 39 , 532-40 (2001) |
| 45. | Microwave dielectric measurements in different varieties of rapeseed – mustard seeds in powder form | Indian J. Pure Appl. Phys. | 39 , 799-803 (2001) |
| 46. | Structural study of rapeseed – mustard variety PCR – 7 oil – argemone-mexicana oil blend by dielectric relaxation studies | Elsevier J. Mol. Liqs. | 95 , 51-62 (2002) |
| 47. | Dielectric behavior of reseed-mustard oil variety Hyola-410 and PCR. 7 in dilute solution of benzene at different temperatures | Elsevier J.Mol. Liqs. | 102 , 173-178 (2003) |
| 48. | Pseudopotential dependence of superconducting state parameters of Be-A1 metallic glasses | Indian J. Pure Appl. Phys. | 41 , 301-304 (2003) |
| 49. | Structure change analysis of pyridine through dielectric relaxation studies | Elsevier J. Mol. Liqs. | 108 , 79-93 (2003) |
| 50. | Temperature dependence of dielectric relaxation of rigid polar molecules of acetophenone, Pyridine and their mixtures in dilute solution of benzene | Indian J.Pure Appl. Phys. | 41 , 57-63 (2003) |
| 51. | Studies on dielectric properties of cyclo hexyl-amine in non-polar solvents – Kirkwood correlation factor, molar polarization and excess free energy | Indian J. Pure Appl. Phys. | 108 , 79-93 (2003) |
| 52. | A pseudo potential approach to the Superconducting State properties of Cu-Zr metallic glasses | Supercond. Sci. Technol. | 17 ,474-478 (2004) |
| 53. | Screening dependence of superconducting state parameters of Cu-Zr metallic glasses | Phys. Stat. Sol.(b) | 241 , 2562-70 (2004) |
| 54. | A pseudo potential approach to the superconducting state parameters of (Ni _{.33} Zr _{.67}) _{1-x} M _x (M=Ti, V, Co, Cu) ternary metallic glasses | Czechoslovak J. Phys. | 55 , 1005-1011 (2005) |
| 55. | The Faber-Ziman Resistivity of Ni _{1-c} Zr _c Metallic glasses | Proceeding of the DAE. Solid State Physics Symposium | 633-634 (2004) |

Ms. Nidhi Bhargava

| S.No. | Title of Publication | Name of the Journal | Details of Journal (Name, Vol. No., page No./Year) | | Other information |
|-------|---|---------------------------------|--|---------------|-------------------|
| | | | National | International | |
| 1 | A Pseudo-potential Approach to Superconductivity in MgB ₂ | Czechoslovak Journal of Physics | | International | Communicated |
| 2 | Application of Pseudo-potential theory for estimation of Superconducting state parameters of MgB ₂ | Physical Status Solid (b) | | International | Communicated |

Ms. Ritu Jain

| S.No. | Title of Publication | Name of the Journal | Details of Journal (Name, Vol. No., page No./Year) | | Other information |
|-------|---|---------------------------------|--|---------------|-------------------|
| | | | National | International | |
| 1 | A Pseudo potential Approach to Superconductivity in MgB ₂ | Czechoslovak Journal of Physics | | International | Communicated |
| 2 | Application of Pseudo potential theory for estimation of Superconducting state parameters of MgB ₂ | Physical Status Solidi (b) | | International | Communicated |

List of Papers/Posters Presented in Seminars/Workshops/Conferences etc.**Dr. K.S.Sharma:**

| S.No. | Name of the Conf./Seminar/Workshop | Name of the organizing institute | Date(s) | Title of the paper/poster presented |
|-------|---|--|-------------------------|--|
| 1. | International Conference on Condensed Matter Physics | U.O.R.Jaipur | November 25 – 28, 2007) | A theoretical Investigation on Electrical Resistivity of Ni ₆₇ Zr ₃₃ metallic glass and its temperature dependence |
| 2. | DAE solid state Physics Symposium | Barkatullah Univ. Bhopal Solid State Physics India | December 26-30, 2006 | Extension of Pseudo Potential Theory for investigation of Superconductivity in (Ni – Zr) – Al ternary metallic glasses |
| 3. | 14 th National Seminar on Ferroelectrics & Dielectrics (NSFD XIV 2006) | IIT Khargpur, | 18-21 December, 2006 | Effect of current density on nanostructure of electrodeposited copper thin films |

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| 4. | National Seminar on Bioinformatics & Computer Applications | M.N. Institute of Applied Science University of Bikaner | 26-27 November, 2006 | Fourth Generation (4G) Wireless Communication Networks |
| 5. | National Conference on Recent trends in Materials Science and Technology | VIT Vellore | 10-12 August, 2005 | Pressure dependence of Superconducting State Parameters of Ni-Zr metallic glasses |
| 6. | National Conference on "Current Trends in Condensed Matter Research" | Univ. of Arts of Science College, Kakatiya Univ. Warrangal, A.P. | Sept. 20-22, 2004 | Extension of pseudo potential theory for investigation of superconducting state parameter of $(\text{Ni}_{33}\text{Zr}_{69})_{1-x}$ ternary metallic glasses |
| 7. | DAE Solid State Physics Symposium | Kurukshetra University (India) | Dec 27-31, 1998 | Pseudopotential approach to superconductivity in $\text{Cu}_{57}\text{Zr}_{43}$ metallic glass |
| 8. | National Seminar | Dungar Govt. P.G. College Bikaner (India) | 1998 | Isotopic effect on transition temperature of $\text{Ca}_{70}\text{Zn}_{30}$ metallic glass superconductor |
| 9. | Material Science Forum – Trans. Tech. Pub. Switzerland; presented at the International C.D.D.M. | Kurukshetra (India) | 1996 | Superconducting state parameters of metallic glass $\text{Mg}_{70}\text{Zn}_{30}$ using different dielectric screenings |
| 10. | International Seminar C.D.D.M. | Kurukshetra (India). | 1996 | Bulk modulus and pseudopotential in metallic glasses |
| 11. | DAE Solid State Symposium | B.A.R.C. Bombay | 1996 | A Pseudopotential approach to phase transition in binary alloys |

List of Books Published

Dr. K.S.Sharma:

| S.No. | Name of the Book | Publisher | Date(s) |
|-------|---|--|---------|
| 1 | " Higher-Education: Growth and Future Options ", Statistical Supplement | University Book House, Jaipur | 2000 |
| 2. | " Higher-Education Statistics 1998-1999 " | Directorate of College Education, Rajasthan, Jaipur | 1999 |
| 3. | A text book for Degree classes in Hindi- " Dolan Avam Tarangen " , i.e., "Oscillations and Waves", (Awarded with 'Samman Patra' for this book) | Rajasthan Hindi Granth Academy, Jaipur | 1992 |

List of Seminars/Workshops/Conferences/Symposia attended as a Resource Person / Expert

Ms. Nidhi Bhargava:

| S.No. | Name of the Conf./Seminar/Workshop | Name of the organizing institute | Status | | | Date(s) |
|-------|---|----------------------------------|---------------|----------|-------|-----------------------------|
| | | | International | National | State | |
| 1. | Acted as Judge for regional science exhibition of Kendriya Vidyalayas | Kendriya Vidyalaya no.5, Jaipur | | | State | Aug 14 th , 2004 |
| 2. | Delivered a lecture on `LASER and Fiber Optics Communication` in FDP for PGT's of Central Schools | C.B.S.E. in K.V.No.5, Jaipur. | | National | | Dec.14 th ,2003 |

Ms. RITU JAIN

| S.No. | Name of the Conf./Seminar/Workshop | Name of the organizing institute | Status | | | Date(s) |
|-------|--|----------------------------------|---------------|----------|-------|----------------------------|
| | | | International | National | State | |
| 1. | Delivered a lecture on `Satellite and Space Communication` in FDP for PGT's of Central Schools | C.B.S.E. in K.V.No.5, Jaipur. | | National | | Dec.14 th ,2003 |
| 1. | Delivered a lecture on `Solar and Lunar Eclipses` | India International School | | | | August 1999 |

List of Seminars/Workshops/Conferences/Symposia attended

Dr. K.S.Sharma:

| S.No. | Name of the Conf./Seminar/Workshop | Name of the organizing institute | Status | | | Date(s) |
|-------|---|--|---------------|----------|-------|---------------|
| | | | International | National | State | |
| 1. | National conference on "Higher Education" | University of Rajasthan., Jaipur | | National | | January 2006. |
| 2. | National Conference on "Higher Education" | Deptt. of Secondary and Higher Education, M.H.R.D. Govt. of India at Delhi | | National | | 29.01.2003 |
| 3. | National Seminar on "Social Security" | O.T.S. Jaipur | | National | | November 2002 |
| 4. | International Seminar on " The Physics of Disordered Materials" | University of Rajasthan, Jaipur | International | | | 1997 |
| 5. | National Seminar on "Examination Reforms" | M.D.S. University Ajmer | | National | | 1997 |

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| 6. | International Seminar on " Research Developments on Curie's work in the past 100 years" | B.A.R.C. Bombay | International | | | 1996 |
| 7. | International Conference on " High T _C Superconductivity" | Bhopal | International | | | 1989 |
| 8. | Workshop on "Computer Based Numerical Algorithms" | I.I.Sc. Bangalore | | National | | 1979 |
| 9. | "Nuclear and Solid State Physics Course" | B.A.R.C. Bombay | | National | | 1975 |
| 10. | Workshop on " Microwave Solid State Devices" | I.I.T. Kanpur | International | | | 1974 |
| 11. | Institute on "Fundamental Physics" | B.I.T.S. , Pilani (Rajasthan) | | National | | 1969 |

Ms. Nidhi Bhargava:

| S.No. | Name of the Conf./Seminar/Workshop | Name of the organizing institute | Status | | | Date(s) |
|-------|---|---|---------------|----------|-------|--|
| | | | International | National | State | |
| 1. | Recent Trends in Environmental toxicology and Biotechnological Approach to Conserve Environment | International College for Girls, Jaipur and Association of Microbiologists of India(Jaipur Chapter) | | National | | January 30-31 st , 2009 |
| 2. | FDP on Stress Management and Motivation and Ethics at work place | International College for Girls, Jaipur | | | State | December 12-13, 2008 |
| 3. | International Conference on Condensed Matter Physics | Department of physics, U.O.R., Jaipur | International | | | November 25 th - 28 th , 2007 |
| 4. | 2 nd National Conference on Condensed Matter and Material Physics | Department of Physics, University of Rajasthan, Jaipur | | National | | Feb 1 st to Feb 3 rd , 2007 |
| 5. | Workshop on Solar Passive Architecture for Rural Areas | Department of physics, U.O.R., Jaipur | | National | | March 17 th , 2007 |
| 6. | Seminar on Autonomy-A step towards achieving academic excellence | International College for Girls, Jaipur | | | | August 8 th , 2006 |
| 7. | Orientation Program in Computers | IIIM | | | | April 28 th – May 12 th , 2006 |
| 8. | Workshop on 'Facilitating Excellence in Effective Leadership-FEEL Teacher' | International College for Girls, Jaipur | | | | April 25-27 th , 2005 |
| 9. | National Symposium on Science & Technology for Desert Development | National Academy of Sciences, India | | National | | Dec 2 nd to Dec 4 th , 2004. |
| 10. | Workshop on 'ABC of Success : The Menu Card of Life' | International College for Girls, Jaipur | | National | | November 22 nd , 2004 |
| 11. | VIII State level student project seminar-cum-Exhibition | DST, Govt. of Rajasthan | | | State | Feb.25 th , 2004 |

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|-----|---|---|--|----------|--|---|
| 12. | Interactive seminar on 'Understanding and managing behavioral problems in today's youth' by Dr. Aruna Broota , Psychologist | International College for Girls, Jaipur | | National | | Dec.20 th ,2003 |
| 13. | Seminar on Strategy for Whole Brain Development conducted by Dr. Vasanthi Vasudevan | IIS | | | | Dec. 18 th , 2003 |
| 14. | Workshop on transformation through mind power by Dr.Rekha Shetty | IIIM | | National | | Dec.12 th 2003 |
| 15. | Colloquia: National workshop on innovative business management practices | International College for Girls, Jaipur | | National | | Sep.10 th , 2003 |
| 16. | Popular lectures in science & Instrumentation Workshop | International College for Girls, Jaipur | | | | Sep.21 st to 25 th , 2000 |

Ms. Ritu Jain

| S.No. | Name of the Conf./Seminar/Workshop | Name of the organizing institute | Status | | | Date(s) |
|-------|---|---|---------------|----------|-------|---|
| | | | International | National | State | |
| 1. | Recent Trends in Environmental toxicology and Biotechnological Approach to Conserve Environment | International College for Girls, Jaipur and Association of Microbiologists of India(Jaipur Chapter) | | National | | January 30-31 st ,2009 |
| 2. | Tutorial session on Radar and Remote Sensing | Department of physics, U.O.R., Jaipur | International | | | November 21 st ,2008 |
| 3. | Conference on "Recent advances in Microwave Theory and Application" | Department of physics, U.O.R., Jaipur | International | | | November 21 st - 24 th ,2008 |
| 4. | Workshop on 'Concept and Techniques of evaluation and measurements' | International College for Girls, Jaipur | | National | | 21 st - 22 nd of April, 2008. |
| 5. | Workshop on Solar Passive Architecture for Rural Areas | Department of physics, U.O.R., Jaipur | | National | | March 17 th ,2007 |
| 6. | Seminar on Autonomy-A step towards achieving academic excellence | International College for Girls, Jaipur | | National | | August 8 th , 2006 |
| 7. | Orientation Program in Computers | IIIM | | | | April 28 th – May 12 th ,2006 |
| 8. | Workshop on 'Facilitating Excellence in Effective Leadership-FEEL Teacher' | International College for Girls, Jaipur | | National | | April 25-27 th ,2005 |
| 9. | National Symposium on Science and Technology for Desert Development | National Academy of Sciences | | National | | Dec. 2 nd -4 th ,2004 |
| 10. | Workshop on 'ABC of Success : The Menu Card of Life' | International College for Girls, Jaipur | | National | | November 22 nd , 2004 |

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|-----|---|---|--|----------|--|---|
| 11. | VIII State level student project seminar-cum-Exhibition | DST, Govt. of Rajasthan | | National | | 25 th Feb.2004 |
| 12. | Interactive seminar on 'Understanding and managing behavioral problems in today's youth' by Dr. Aruna Broota , Psychologist | International College for Girls, Jaipur | | National | | Dec.20 th ,2003 |
| 13. | Seminar on Strategy for Whole Brain Development conducted by Dr. Vasanthi Vasudevan | IIS | | National | | Dec. 18 th , 2003 |
| 14. | Workshop on transformation through mind power by Dr.Rekha Shetty | IIIM | | National | | Dec.12 th 2003 |
| 15. | Colloquia: National workshop on innovative business management practices | International College for Girls, Jaipur | | National | | Sep.10 th , 2003 |
| 16. | Seminar on 'Application of Nuclear techniques in science teaching' | UGC | | National | | Sep.28 & 29, 2002 |
| 17. | Popular lectures in science & Instrumentation Workshop | International College for Girls, Jaipur | | National | | Sep.21 st to 25 th , 2000 |

List of FDP attended

Ms. Nidhi Sharma:

| S.No. | Name of the FDP | Name of the organizing institute | Status | | | Date(s) |
|-------|--|---|---------------|----------|-------|--------------------------------|
| | | | International | National | State | |
| 1. | 'Spirituality in Today's Life' | International College for Girls, Jaipur | | | State | July14,2007 |
| 2. | Issues in Adolescent Mental Health' | International College for Girls, Jaipur | | | | October 13,2007. |
| 3. | Panel Discussion on Union Budget-2006 | International College for Girls, Jaipur | | | | March 18 th , 2006 |
| 4. | Panel discussion on 'Budget 2005-Action and Reaction' | International College for Girls, Jaipur | | | | April 12 th , 2005. |
| 5. | "Budget 2005-2006:Hopes and Fears." | International College for Girls, Jaipur | | | | Feb.25 th , 2005 |
| 6. | FDP | ICFAI University | | National | | Oct. 30 th 2004. |
| 7. | FDP by B.R. Mandal , Principal Accountant General on Yoga for outstanding performance on | International College for Girls, Jaipur | | | | Oct. 8 th ,2004. |
| 8. | 'How to write a research article' by Ch.Rajeshwar. ICFAI press Hyderabad | International College for Girls, Jaipur | | | | 12 th March,2004 |
| 9. | Discourse on spiritual Upliftment by Shri Anubhavanandji | International College for Girls, Jaipur | | | | |

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|-----|--|---|---------------|--|--|--|
| 10. | Beginner's Course of the INTEL Teach to the future program from | INTEL | | | | April 8 th to April 24 th , 2002 |
| 11. | Training Course in 'A' level Physics | University of Cambridge | International | | | April 4 th - 5 th , 2002 |
| 12. | Panel discussion on 'Recreating Interest & Excitement in Basic Sciences' | DST Govt. of India, New Delhi & DST, Govt. of Rajasthan | | | | Feb.28 th , 2000 |

Ms. RITU JAIN

| S.No. | Name of the FDP | Name of the organizing institute | Status | | | Date(s) |
|-------|--|---|---------------|----------|-------|--|
| | | | International | National | State | |
| 1. | Spirituality in Today's Life' | International College for Girls, Jaipur | | National | | July14,2007 |
| 2. | Issues in Adolescent Mental Health' | International College for Girls, Jaipur | | National | | October 13, 2007. |
| 3. | Panel Discussion on Union Budget-2006 | International College for Girls, Jaipur | | National | | March 18 th , 2006 |
| 4. | Panel discussion on 'Budget 2005-Action and Reaction' | International College for Girls, Jaipur | | National | | April 12 th , 2005. |
| 5. | "Budget 2005-2006:Hopes and Fears." | International College for Girls, Jaipur | | National | | Feb.25 th , 2005 |
| 6. | 'How to write a research article' by Ch.Rajeshwar. ICFAI press Hyderabad | International College for Girls, Jaipur | | National | | 12 th March,2004 |
| 7. | Discourse on spiritual upliftment by Shri Anubhavanandji | International College for Girls, Jaipur | | National | | |
| 8. | Beginner's Course of the INTEL Teach to the future program from | INTEL | | National | | April 8 th to April 24 th , 2002 |
| 9. | Panel discussion on 'Recreating Interest & Excitement in Basic Sciences' | DST Govt. of India, New Delhi & DST, Govt. of Rajasthan | | National | | Feb.28 th , 2000 |

List of Refresher/Orientation Courses attended

Ms. Nidhi Bhargava

| S.No. | Nature of the courses attended | Name of the organizing agency | Date(s) |
|-------|--------------------------------|---|---|
| 1 | Orientation Programme | Academic Staff College, University of Rajasthan, Jaipur | March 7 th to March 28 th , 2005. |

List of Projects Sanctioned/Applied For

Dr. K.S.Sharma:

| S.No. | Title of project | Name of the funding agency | Amount of funds allocated | Status of the project(Sanctioned/Applied for) |
|-------|---|----------------------------|---------------------------|---|
| 1. | Dielectric Studies Of Food Grains, Oil Seeds, Fruits And Vegetables | UGC | Rs.4,96,000/- | Sanctioned |

Ms. Nidhi Bhargava

| S.No. | Title of project | Name of the funding agency | Amount of funds allocated | Status of the project(Sanctioned/Applied for) |
|-------|---|--|---------------------------|---|
| 1 | Dielectric Studies Of Food Grains, Oil Seeds, Fruits And Vegetables | UGC | Rs.4,96,000/- | Sanctioned |
| 2. | Theoretical Study of Superconductivity in MgB ₂ | International College For Girls,Jaipur | Rs. 29,000/- | Sanctioned |
