

List of some recent talks by Rohini M. Godbole

1) *Some of the online talks/lectures presented in the pandemic period and two months before that January 2020 - April 2022*):

1. “Shedding light on the DM in the Universe (at the LHC)”, Goyal Award lecture, Department of Physics, Kurukshetra University, Kurukshetra, 8 April, 2022.
2. “Probing SUSY in the EW sector”, DPRoy Memorial Lecture, Tata Institute of Fundamental Research, March 15, 2022.
3. “Shedding light on the DM in the Universe (at the LHC)”, DPRoy Memorial Lecture (Popular lecture), March 14, 2022.
4. “ Particle Physics : from Heart-of -Matter to the Edge-of the-universe”, Lecture for young students under the TAcT (The Academy Trust) program, March 4, 2022.
5. “ Mega Science Projects: relevance of and for India!”, 'Lecture for Azadi ka Amrit Mahotsav, Atomic Minerals Division, Hyderabad', February 22, 2022.
6. “ Rutherford to LHC : A journey into the heart of matter”, Keynote Session: “Structure of Atom: 100 years of revolution”, Raman Research Conference, Department of Physics, Savitribai Phule University, Pune, February 17, 2022.
7. “Light LSP in PMSSM/NMSSM”, ATLAS/CMS meeting on 'new directions for SUSY searches with the Run-3 data, 15-16 November 2021.
8. “ Light LSP and Heavy Higgs: Lamp posts for SUSY”, Online Conference ”Anomalies 2021”, November 10-12, 2021, Indian Institute of Technology, Hyderabad.
9. “EW SUSY at HL-HLC : Light LSP and Heavy Higgs”, Oxford Theoretical Particle Physics Seminar, November 4, 2021.
10. “Future of Particle Physics and Relevance of Weinberg’s work for it”, Special lecture at the virtual HEP-PHENO school : “The flavour structure of the Standard Model”, August 31–September 12, 2021.
11. “Steven Weinberg : the physicist and his physics”, 40th Popular Science Lecture, organised by the Tamil Nadu Science Forum, September 25, 2021.
12. “Future of Particle Physics and Relevance of Weinberg’s work for it”, Closing lecture at the 'HEP-PHENO school: Flavour Structure for the Standard Model', September 12, 2021.
13. “Steven Weinberg : the physicist and his physics”, Chief Guest, Teacher’s Day Celebration, IIT(Kanpur) September 5, 2021.
14. “Remembering the teachers and mentors in a life of Science”, My Teacher, My Mentor, Teachers’ day Program, Visveswaraya Industrial and Technological Museum (ITM), Bengaluru , September 5, 2021.
15. “Steven Weinberg : the physicist and his physics”, Talk given at 'Vigyan-Adda', International Centre for Theoretical Sciences (ICTS), Bengaluru, September 2, 2021.

16. “Ethical behaviour in Science”, Talk presented in the session on ‘Knowledge, Leadership, & Commercialization’ at the ‘International Conference on Thin Films & Nanotechnology’, August 25, 2021.
17. “Aspects of Higgs and EW physics in SUSY: Light LSP and Heavy Higgs”, Invited Plenary talk presented at the ‘XXVIII International Conference on Supersymmetry and Unification of Fundamental Interactions, SUSY 2021, Beijing, August 23, 2021.
18. “Equity and Inclusion in Science and Technology (Diversity in S&T)”, Closing Lecture, Golden Year Alumni Network (GYAN) lecture series, UDP, Bombay University, July 28, 2021.
19. “Why does Fundamental Physics need Mega Science Projects”, EHEP-Karyashala, A DST-SERB supported lecture program held at Malaviya National Institute of Technology Jaipur (MNIT), July 16, 2021.
20. “Mega Science Projects in India : Status and Path Ahead”, Talk presented at the ASFAP: African Strategy for Fundamental and Applied Physics, Community Town Hall Meeting, July 11, 2021. (With Amol Dighe).
21. “Women in Physics and Mathematics: through the History”, Talk presented at the Vigyan Vidushi, a TIFR Advanced Programme in Mathematics for women students , 2021, July 5, 2021.
22. “Diversity in Science: What role can Individuals, Institutions and Society play?”, Talk given at ‘Women in Science event : WISE Indian National Young Academy of Science and Punjab University’, June 19, 2021.
23. “Equity and Inclusion in ST”, Talk presented at the ‘Bharata Swatantrata Amruta Mahotsava Science and Technology Lecture Series’ conducted by the Karnataka State Science and Technology Academy, June 16, 2021.
24. “Equity and Inclusion in STI”, Talk presented in the series ‘Why Women Matter in Science of the French Institute in India’, May 24, 2021.
25. “Mega Science Projects: Relevance of and for India!” Vasant Vaykhyan Mala, Pune, May 16, 2021.
26. “Shedding ‘light’ on DM in the Universe”, Colloquium presented in the International Lecture Series: Mysteries of the Universe - II, Indian Institute of Technology, Roorkee, May 8, 2021.
27. “Status of Particle Physics in the light of Nobel Prizes of 2013 and 2015”, A talk given at the one day National Symposium at the Department of Physics, SRM University, AP, May 1, 2012.
28. “Is low mass DM still possible in SUSY?”, Faculty Seminar at the Centre for High Energy Physics, Indian Institute of Science, April 5, 2021.
29. “Equity and Inclusion in S&T”, Talk presented at the ‘Asian Path Finders Fireside Chat’, Session # 42, April 3, 2021.

30. “Doing (particle) physics as a woman (in India)”, Talk presented at the ‘ Conference of Undergraduate Women in Physics, Southhampton ’, March 27, 2021.
31. “Equity and Inclusion in STI : How can we all contribute?”, Convocation address at the 10th Convocation of the Institute of Chemical Technology, Mumbai, March 22, 2021.
32. “Decolonising Science? ”, 6th Symposium on Literary Acitivism : Decolonisation’ held at Asoka University in partnership with Oxford University, Oxford-India Program, India International Centre etc. , March 20-21, 2021.
33. “Diversity in Science and roles Institutions, Society and Scientists can play”, Institute Lecture , Indian Institute of Technology at Delhi, March 10, 2021.
34. “Life in Science”, Lecture presented on the occasion of the ‘International Women’s day’, Homi Bhabha National Institute, March 9, 2021.
35. “Life in Science”, Lecture presented at the Indian Institute of Astrophysics, in the program “ IIA-50 celebration”, March 8, 2021.
36. “Diversity in Science and roles Institutions, Society and Scientists can play”, Celebrating Women’s day, 2021, Talk presented at the Indian Institute of Technology, Chennai, March 5, 2021.
37. “Unveiling hidden physics beyond the SM at the LHC: Panel Discussion”, March 3, 2021, at the conference ‘Unveiling hidden physics beyond the SM at the LHC’, March 1-3, 2021.
38. “Equity and Inclusion in STIP 2020”, Science Day Talk, Bhavan’s Vivekanand College of Science, Humanities and Commerce, Faculty Development Program held under DBT(Star College Scheme) in association with the Indian Association of Physics Teachers, IAPT, March 3, 2021.
39. “Women in Physics and Mathematics”, (prerecorded) talk given on the occasion of ‘National Science Day’ at The Deens Academy, Bangalore, February 28, 2021.
40. “Mega projects: fundamental science and cutting edge technology meet!”, Science Day Webinar, S.N. Bose Centre for Basic Science, Science Day, February 28, 2021.
41. “ How do we know what lies within”, Talk given on the Science day (pre recorded) at The Deens Academy, Bangalore, February 28, 2021.
42. “Shedding light on DM in the Universe!”, Talk at the Indian National Science Academy and Indian National Young Academy of Sciences (INSA-INYAS) Science day lecture, February 28, 2021.
43. “Can the Dark Matter in the Universe be Supersymmetric?”, Invited talk in the technical session at the annual meeting of the National Academy of Sciences, India, February 27,2021.
44. “Shedding light on the Dark Matter in the Universe”, Third Sir C.V. Raman Oration, Shri Vaishnav Vidyapeeth Vishwavidyalaya, Indore, February 27, 2021.

45. “Equity and Inclusion in STI Need and how to achieve it? ”, Feb 17, 2021, Talk presented at the NIAS-DST Course for Women Scientists: ‘Social Responsibility of Scientists: Pathways and Outcomes, 15-18 FEB 2021, NIAS, Bengaluru.
46. “Women in Science in India: Challenges and Prospects”, Talk presented at ‘ALICE and STAR in India: International Women’s day’, February 11, 2021.
47. “Doing (particle) physics as a woman (in India)”, International Day for Women and Girls in Science. ALICE Masterclass, Thessaloniki, Greece, February 11,2021.
48. “ Pursuit of Science and Shifting Goal Posts”, ‘Celebrating Women in Science and Technology’, International day for Women and Girls in Science, VIT, Vellore, February 11, 2021.
49. “Symmetries of Nature and Nature of Symmetries”, Talk presented in the Indian Neutrino Observatory (INO) Outreach Program, lecture number 42, February 7, 2021.
50. “Women in Physics and Mathematics”, Popular Science Club Indian Institute of Information Technology, Design and Manufacturing (IIITDM), Kurnool , AP, February 6, 2021.
51. “Equity in Science : Roles that Institutions, Society and scientists can play!”, Talk presented at ‘Each for Equal : Promoting Women in STEMM’, Program organised by Vigyan Prasar, January 29, 2021.
52. “Symmetries of Nature and Nature of Symmetries”, Talk given in the ‘Kuriosity during Kuarantine’ program of the International Centre for Theoretical Sciences, January 24, 2021.
53. “Life in Science” Talk presented in the Panel Discussion at the ‘Women Scientists and Entrepreneur’s Conclave, ‘Touching the Skies: Real Life Journeys’, December 23, 2020. (Online)
54. “Why do we need a Gender Equity Group in HEP?”, DAE-HEP symposium, special session on Exploring pathways for achieving gender parity in High Energy Physics in India, Dec. 17, 2020
55. “Emmy Noether and her Theorem”, Indian Neutrino Observatory (INO) outreach talk # XXXII, November 30, 2020.
56. “How do we know what lies within?”, Talk presented in the Lecture Series ‘Science and Our Life’ of the Indian Women Scientists Association (IWSA), November 17,2020.
57. Chair, Panel discussion on the occasion of the World Science Day for Peace and Development, “Science for and with Society”, Organised by UNESCO and the Department of Science and Technology, November 10, 2020.
58. “Dark Matter in the Universe: What is it and how do we look for it at the Large Hadron Collider (LHC)”, Talk presented on the occasion of the Foundation Day of Vijnana Bharati (VIBHA), November 7, 2020.

59. “A life in Science”, Talk presented in the ‘Shakti Program’, University of Petroleum and Energy Studies. Dehradun, October 26, 2020.
60. “ Pursuit of Science and Shifting Goal Posts”, Singularity, Indian Institute of Science, Education and Research, Bhopal, October 18, 2020.
61. “Women & Science: Indian Scene and how do we go forward?”, Athashree Conversation, Bengaluru, October 17, 2020.
62. “Shedding ‘light’ on DM (at the LHC)”, Webinar series of the IIT Alumni Centre at Bengaluru, October 10, 2020.
63. “Status of particle Physics: After the Nobel Prizes of 2013 and 2015!”, Talk presented in the program ‘Advances in High Energy Physics’, Dr. B.R. Ambedkar National Institute of Technology, Jalandhar, September 18, 2020.
64. “Pursuit of Science and Shifting Goal Posts”, Talk presented at the Inaugural event of the ‘Society of Women Engineers’, College of Engineering, Pune, August 26, 2020.
65. “Pursuit of Science and Shifting Goal Posts ”, Talk presented on the E-Annual Day, Institute of Chemical Technology, August 4, 2020.
66. “Women in STEM and roles that Institution and society can play to achieve Gender Equity”, Talk presented at ‘Creating a better Work Place for women, A web Symposium, Assam University, Silchar, July 28, 2020.
67. “How do we know what lies within?”, Talk given in the Vigyan-Jyoti Program of the DST, Jawahar Navodaya Vidyalaya, Bengaluru, July 13, 2020.
68. “Status of particle Physics: After the Nobel Prizes of 2013 and 2015!”, Vigyan Vidushi Program in Physics, The Tata Institute of Fundamental Research, June 18, 2020.
69. “Women in Mathematics and Physics”, Invited talk given at the Dept. of Physics, North Bengaluru University, March 9, 2020. (In person)
70. “Whither Particle Physics and way ahead?”, Colloquium presented at Indian Institute of Technology (IIT), Ropar, March 4, 2020. (In person)
71. “Space time structure of the $t\bar{t}$ and $b\bar{b}$ couplings with a spin 0 particle”, Seminar presented at the Physics Department IISER Mohali, March 3, 2020. (In person)
72. “Life in Science”, Anna Mani Lecture of the Astronomical Society of India Working Group on Gender Equity, IISER Mohali, March 2, 2020. (In person)
73. “Whither Particle Physics and Colliders?”, Institute Colloquium presented at IISER Mohali, February 28, 2020.
74. “ Nature of Symmetries and Symmetries of Nature”, a set of three lectures delivered as ‘Popli Memorial Lectures’ at St. Stephens College, Delhi, February 24-27, 2020.
75. “Diversity in Science and roles Institutions, Society and Scientists can play”, Invited lecture at the ‘NIAS –DST meeting : Social Responsibility of Scientists: Pathways and Outcomes’, NIAS, Bengaluru, February 13, 2020. (In person)

76. “Women in STEM: Role Institutions and Society can play to achieve gender equity”, TedX IISER (Pune), February 1, 2020. (In person)
77. Panel discussion: “The future of women in STEM –Policies for enhancing diversity in STEM fields”, at the ‘International Summit on Women in STEM : Visualizing the Future: New Skylines’, New Delhi, January 23-24, 2020. (In person)
78. “Intertwining Strands in Physics and Mathematics: Symmetry”, Delivered a course of three lectures on ‘Applications of Symmetry to Particle Physics’, at the workshop for undergraduate teachers in Mathematics and Physics at IISER Pune, January 14-18, 2020. (Organised the workshop as well) (in person).

A representative list of talks given in the non pandemic period.

2) *Talks/Lectures presented (Sep 2013-May 2018):*

Out of India:

1. “ Higgs and top window to the BSM ”, Talk given at MASS 2018, Conference held at South Denmark University, Odense, Denmark, (Just for this talk the url of the slides and the talk is given as an example: <http://cp3-origins.dk/events/meetings/mass2018/mass2018-talks>)
2. “Women in Physics in Asia: Challenges and Prospects”, Invited presentation at the April meeting of the American Physical Society, Columbus, Ohio, USA, April 17, 2018.
3. “ BSM Status report and remaining hopes at LHC run II” University of Monash, Clayton, Australia, September 14, 2017.
4. “Women in Mathematics and Physics ”, Chancellor’s Colloquium, University of Monash, Clayton, Australia, September 13, 2017.
5. “ BSM Status report and remaining hopes at LHC run II”, Univ. of Melbourne, Melbourne, Australia, September 12, 2017.
6. “Women in STEM: status and goals for India ”, Panel discussion in SAGE symposium, Brisbane, Australia, September 5, 2017.
7. “ BSM Status report and remaining hopes at LHC run II”, Talk presented at NIKHEF, Amsterdam, The Netherlands, June 7, 2017.
8. “ BSM Status Report and remaining hopes for LHC run II”, Plenary talk at Blois 2017, 29th Recontres de Blois, Particle Physics and Cosmology, May 27 - June 3, 2017.
9. “Systematics of photon-photon hadronic cross-sections ”, Plenary review talk at Photon 2017, CERN, Geneva, May 22-26, 2017.
10. “ Higgs Phenomenology, Key note address delivered at the ALPINE LHC Physics Summit”, Austria, April 17-22, 2017.
11. “Status of particle Physics: in light of Nobel Prizes in Physics 2013 and 2015 ”, Public lecture Delivered in Muscat, Sultanate of Oman, March 11, 2017.

12. “Standard Model”, a set of seven lectures delivered at SQU, Muscat, Sultanate of Oman, March 5-10, 2017.
13. “Higgs boson and Physics Beyond Standard Model”, Lecture delivered on the occasion of the Julius Wess Award at the Karlsruhe Institute of Technology, Karlsruhe, Germany, March 3, 2017.
14. “Gluphobic scalar DM”, Journal Club Talk at LAPTH, Annecy, France, November 2, 2016.
15. Evening talk “Women in Physics” at the HERAUS Seminar: LHC The High Energy LHC- Interplay between precision measurements and searches for new physics, Bad Honnef, Germany, October 19, 2016
16. “Supersymmetry: Theory perspective after LHC run-II”, Talk given at the HERAUS Seminar: LHC The High Energy LHC- Interplay between precision measurements and searches for new physics, Bad Honnef, Germany, October 19, 2016.
17. “Women in Physics and Mathematics”, ICTP Colloquium: The Abdus Salam International Centre for Theoretical Physics (ASICTP), Trieste, Italy, October 12, 2016.
18. “Laboratory observables to probe CP (mixing) in the Higgs sector using the ttH process at the LHC”, HEP Seminar at ASICTP, Trieste, Italy, October 13, 2016.
19. “Whither: where, whether or wither colliders”, HEP theory seminar at ASICTP, Trieste, October 3, 2016.
20. “Higgs and Top interplay”, Talk presented at Higgs Days 16: Theory meets Experiment, Santander, Spain, September 20, 2016.
21. “Summary and Outlook: Collider Physics”, Plenary talk presented at PASCOS: Particles, Astrophysics, Strings and Cosmology, ICISE, Quy Nhon, Vietnam, July 16, 2016.
22. “CP mixing in the Higgs sector in ttH”: talk presented at the Conference: ‘Key Aspects of Exploring Roads to Unification’, IPMU, Tokyo, Japan, March 26, 2015.
23. “Standard model: Theory”, Talk in the ICFA seminar on Future Perspectives in High Energy Physics”, High Energy Physics Institute, Beijing, October 29, 2014.
24. “CP mixing in VBF, VH and ttH”, CMS (exotics) meeting”, CERN, September 29, 2014.
25. “CP violation in the Higgs sector at the LHC”, International conference on new frontiers in Physics, August 6, 2014, Kolymbari, Greece.
26. “Collider probes of SUSY: where do we go from here in SUSY searches?”, Lectures at the Pre School, SUSY2014: The 22nd International Conference on Supersymmetry and Unification of Fundamental Interaction, Manchester University, July 14-18, 2014.
27. “News on HVV and Htt”, Hunting for a non standard higgs sector, Centro de Ciencias de Benasque, Spain, April 16, 2014.

28. “New physics: SUSY and NonSUSY and top properties”, September 18, 2013, Top 2013, held at Durbach, Germany (Talk presented via Skype from Bangalore).
29. “Probing the Higgs and Beyond via the HVV vertex at the LHC, 13 September 2013, Talk presented at SCALARS 2013, Department of Physics, University of Warsaw.
30. “Top polarization in third generation squark decays”, SUSY 2013, The Abdus Salam International Centre for Theoretical Physics, August 29, 2013.
31. “ Higgs Physics”, Four lectures given at the Abdus Salam International Centre for Theoretical Physics, Trieste, Italy, August 20-23, 2013.
32. “Implications of the 125 GeV Higgs”, International Center for Interdisciplinary Science and Education (ICISE), Quy Nhon, Vietnam, August 13, 2013.
33. “Probing the Higgs and beyond through HVV vertex at the LHC”, Seminar at NIKHEF, Amsterdam, The Netherlands, July 8, 2013.

In India :

1. “Supersymmetry and e^+e^- colliders”, Talk presented at the conference ‘Is SUSY the best bunker to hide in’, in view of the data from LHC, Centre for High Energy Physics, Indian Institute of Science, May 10-13, 2018.
2. “Women in Physics and Mathematics”, Evening talk given at the Summer School on Statistics and Mathematics for girl students, International Centre for Theoretical Sciences, TIFR Centre, Bangalore, May 9, 2018.
3. “Women in Physics and Mathematics”, Closing talk of the three week Vigyan Jyoti Program of the DST, for young women students conducted at Indian Institute of Technology, Powai, June 7, 2018.
4. “Women in Physics and Mathematics”, Inaugural talk of the three week Vigyan Jyoti DST Program for young women students conducted at Indian Institute of Technology, Pallakad, April 28, 2018.
5. “Women and their role in STEM”, Panel discussion on the Founders Day Celebrations of British Council in India on March 17, 2018.
6. “Inaugural program of the ‘Gender in Physics’ Working Group of the Indian Physics Association, Panel Discussion: the way forward, March 10, 2018.
7. “Science and Gender: Indian Story”, Talk given at the Course on Science Policy and General management at NIAS Bangalore, March 6, 2018.
8. “Gender Parity in Science in India: status, goals and action plan”, Talk presented at the Indian Institute of Science Education and Research (IISER), Trivendrum for the International Day for Girls and Women in Science. The talk was given on February 20, 2018.
9. “ $\tilde{\chi}_1^0$, B.R. ($h \rightarrow$ invis) and future colliders.”, In House Symposium, Centre for High Energy Physics, February 16, 2018.

10. “Diversity and Excellence in Science”, Discussion meeting on Diversity and Excellence in Science organized by the Deutsche Forschungsgemeinschaft, February 15, 2018.
11. “Women in Science: Mathematics/Physics”, Opportunities and Challenges for Women in STEM, SERB/DST workshop at Kurukshetra University, Kurukshetra, January 24, 2018.
12. “Women in Mathematics and Physics”, Annapoorna Maharana Memorial Lecture, Ramadevi Univeristy, Bhubaneswar, January 16, 2018.
13. “ Physics at the Electron-Positron Colliders”, 25 th International Conference on Supersymmetry and Unification of Fundamental Interactions, Mumbai, India, December 11-15, 2017.
14. “Whither Colliders: way ahead”, Colloquium in the IOP colloquium series in memory of Prof. Durga Prasad Roy, Institute of Physics, Bhubaneswar, November 24, 2017.
15. “BSM status report and remaining hopes for the LHC”, National Institute of Science Education and Research, Jatni, Odisha, November 23, 2017.
16. “ Challenges for Women Scientists”, Sensitisation Workshop on Technological Empowerment of Women, Indian Institute of Technology, Gauhati, Nov. 3-4, 2017.
17. ‘Women Scientists and Entrepreneurs: Game Changers Driving Science for New India”, Panelist, Women Scientists and Entrepreneurs Conclave, India International Science Festival, Chennai, October 15, 2017.
18. “Heart of Matter: how do we know what lies within?”, University Science Club Lecture, Savitribai Phule University, Pune, October 14, 2017.
19. “Women in Mathematics and Physics ”, Homi Bhabha Centre for Science Education, V.G. Kulkarni Memorial Lecture, September 21, 2017.
20. “ Heavy Flavour Production as the probe of Gluon Sivers Function”, Light Cone 2017: Frontiers on Light Front Hadron Physics, 18-22 September, Mumbai University, India.
21. “Whither Colliders: way ahead”, National Seminar on Particles, Detectors and Instrumentation: 3, 2017”,September 4-7, 2017, TIFR, Mumbai.
22. “Status of Particle Physics: After the Nobel Prizes of 2013 and 2015, Indian Institute of Technology, Ropar, Invited talk on the occasion of Physics Day, India, August 19, 2017.
23. “Writing about Women in Science”, Workshop on Science Writing, Indian Academy of Sciences, Bangalore, August 2-10, 2017 AND December 4-9, 2017.
24. “BSM Status Report: remaining hopes for BSM at LHC run II”, Harish Chandra Research Institute, Allahabad, Colloquium, July 31, 2017.
25. “Women in Mathematics and Physics”, Colloquium in IISER, Pune, March 31, 2017.
26. “Laboratory observables to probe CP (mixing) in the Higgs sector using the ttH process at the LHC”, Talk given at Sunilfest, December 13, 2016.

27. “Top observables and the BSM”, Talk given at the regional meeting on HEP at IISER, December 3, 2016.
28. “Top properties and the BSM”, Talk given at CKM meeting, TIFR, November 30, 2016.
29. “Goals and Strategies for Gender Equity in Science: The Indian Story”, Talk given at INDO-UK-Australian meet on Women in STEMM, November 28, 2016.
30. “Whither onwards with the LHC pp run?”, Talk given at the Special meeting of the Task Force on India’s participation in CMS and Alice, September 2, 2016.
31. “Noether’s theorem and Particle Physics”, Talk presented at the Discussion meeting ‘Legacy of Emmy Noether’ at the International Centre for Theoretical Sciences, August 28, 2016.
32. “Whither: whether/where/wither Colliders?”, Colloquium at HRI, August 19, 2016.
33. “Writing about Women in Science”, Talk presented in Science Writing Workshop held by Current Science, June 25, 2016.
34. “Implications of the 750 GeV excess for future colliders”, Talk presented at the one day meeting on 750 GeV excess: LIA-ICTS joint meeting at ICTS, Bangalore, May 5, 2016.
35. “Importance of ILC for Particle Physics’, Talk presented in the Discussion meeting on ILC physics at IUAC, April 29, 2016.
36. “Need for a Institute Forum on Women in Science, Education and Research”, Talk presented at the Inaugural meeting of the WISER (Women in Science, Education and Research) forum in IISc, April 2, 2016.
37. “The 750 GeV diphoton resonance: a new light on the horizon?” Talk at the meeting on Frontiers in High Energy Physics (FIHEP), Chennai, March 24, 2016.
38. “The 750 GeV diphoton resonance: a new light on the horizon?”, Colloquium in ICTS, March 20, 2016. (Also seminar in CHEP, IISc, April 13, 2016)
39. “New Physics via Top Observables’, Top Meeting, Physical Research Laboratory, March 17, 2016.
40. “Of Constants, Variables and Type casts- Programing Diversity in Science” at Tata Infosys: Discussion meet on Women in Science, March 14, 2016.
41. “Gender Parity in Science in India: Status, Goals and Action plan, Talk at ISI on International Women’s day, ISI, Bangalore, March 8, 2016.
42. “Physics Nobels 2013/2015”, Talk at the first Chandigarh Science Congress, February 29, 2016.
43. “Physics Nobels 2013/2015”, C V Raman Memorial lecture, Alumni meet of Institution of Engineers, February 28, 2016.

44. “Physics Nobels 2013/2015: Implications for particle physics and Society?” , Talk for Science Day at Rewa University, Bangalore, February 27, 2016.
45. “New Colliders: whither with colliders at the dawn of LHC- Run II”, Talk in the Instructional Workshop at Harishchandra Research Institute, Allahabad, February 19, 2016.
46. “Women in Science: how to increase their numbers?”, Talk in the Panel discussion at the EDU-Conclave by New Indian Express, February 10, 2016.
47. “The 750 GeV diphoton resonance: will it light up the particle world?”, Seminar at IMSc, Chennai, February 9, 2016.
48. “The 750 GeV diphoton resonance: will it light up the particle world?”, Seminar at IISER, Pune : January 29, 2016.
49. “Status of Particle Physics: after the Nobel prizes 2013, 2015’, Talk presented at the TWAS-ROSCASA International Conference on ‘Frontiers in Scientific Research’, December 22, 2015.
50. “Chameleon Neutrinos: Physics Nobel Prize 2015’, Colloquium at the Raman Research Institute, November 5, 2015, Bengaluru.
51. “Chameloeon Neutrinos: Physics Nobel Prize 2015’, Talk on physics Nobel prize of 2015 organized by Pi-Delta-Alpha: student association of Physics Department, Indian Institute of Science, November 4, 2015.
52. “Women in Science: Indian perspective, DWIH workshop: woman empowerment in a globalised world, a meeting held by Max Planck Society and the German House of Resarch and Innovation, November 23, 2015.
53. ‘Plagiarisation in Scientific Writing’, Talk presented at the ‘UGC national conference on Ethical Issues in Scientific Writing’, Maharani College, Bengaluru, September 4, 2015.
54. ‘Higgs and all that’, Popular talk at the Marathi language association Snehadhara, Bengaluru, April 1, 2015
55. ‘Gender equity: Status, goals and strategies’, talk at the Electronics & Radar Development Establishment, LRDE, Bangalore, March 13, 2015.
56. ‘Gender equity: Status, goals and strategies: sciences, Talk at the annual Women’s day celebrations of DRDO, March 9, 2015
57. ‘Whither after the Higgs Nobel?’: Talk at the 4th NIAS-DST training program for women scientists, February 23, 2015.
58. ‘Gender equity: Status, goals and strategies’, Talk at National Centre for Cell Sciences, March 5, 2015.
59. “Women in Science : Indian Scene ’, Talk at National Institute of Advanced Studies, in the NIAS-DST training program for women scientists.

60. ‘Women in STEM : Indian scene’, Introductory talk given at the STEM meeting held by British Council and the Department of Science and Technology, New Delhi, Feb 12, 2015.
61. “Panelist in a Panel discussion on “Fix the Organisation- relates to gender mainstreaming through institutional transformation” in the event Global Education Dialogues: South Asia Series 2015 on Women and Leadership - the Absent Revolution” Feb 10-11, 2015, Delhi, British Council
62. ‘Quo Vadis: Particle Physics after the Higgs discovery?’, Keynote address given at the ‘Indo French Seminar on Women in Science through CEFIPRA’, IISC, Bangalore, February 4. 2015.
63. “Higgs Boson: Discovery and Beyond’, IPA-DAE C.V. Raman Lecture, Mount Carmel College, Bangalore, January 23, 2015.
64. ‘CP (mixing) in VBF, VH and ttH’, Saha Institute of Nuclear Physics, January 8, 2015.
65. ‘Higgs Discovery and Beyond’, Keynote address delivered at the Indian Women’s Science Congress, Mumbai University, January 4, 2015.
66. “Higgs Discovery and After ”, Talk given at the INFOSYS Awards function, Homi Bhabha Centre for Science Education, HBCSE, Mumbai, December 22, 2014.
67. “Rutherford to LHC: how do we know what lies within”, Two talks given at the Academy Refresher Course on ‘Foundations of Physics’, organized by Indian Women Scientists Association, December 21, 2014.
68. “ Beyond the Higgs Boson : through the Higgs portal”, S.N. Bose medal lecture of the Indian National Science Academy, Presented at the Annual meeting of the Indian National Science Academy, December 20, 2014.
69. “Whither Colliders: After LHC 7/8 TeV”, Invited plenary talk presented at the XXI DAE-BRNS High Energy Physics Symposium 2014, IIT, Guwahati, December 12, 2014.
70. “Peering at the heart of matter with accelerators: Synergy between accelerators and HE/NP”, Talk presented at the meeting on ‘Particle Accelerators: Science, Technology and Applications’ at Mumbai University, November 29, 2014.
71. Four Lectures on ‘Standard Model’ at the Asia Europe Pacific School on High Energy Physics (AEPSHEP) : November 5-November 8, 2014.
72. “Beyond the Standard Model: Through the Higgs Portal”, DAE-Raja Ramanna Lecture, Jawaharlal Nehru Centre for Advanced Scientific Research (JNCASR), October 21, 2014.
73. “ Rutherford to LHC: What lies within?”, two talks given at Karnataka State Women’s University, Bijapur, September 19 , 2014.
74. ” Career Balance and interaction with Role models: Panel Discussion”, NIAS, September 9, 2014.

75. “Higgs: the Nobel Prize”, talk given at the Jawaharlal Nehru Planetarium in the Summer Lecture Program, May 31 2014.
76. “Preliminary Remarks: Physics case for the ILC in light of the LHC”, Indo-Japan ILC meeting in IIT(B), March 24, 2014.
77. “After the Higgs”, ‘Sawal-Jawaab’, Outreach Program held by TIFR, Hyderabad, March 22, 2014.
78. “Gender Equity: Status, goals and strategies”, Talk given at the Indian Institute of Horticultural Research, March 17, 2014.
79. “Discovery of the Higgs Boson and Beyond” , Trends in Physics, Utkal University and Odisha Bigyan Academy, Bhubaneswar, March 8, 2014.
80. “Higgs : the Nobel Prize”, Talk given at the Nobel evening, IISc, 26 February 2014.
81. “Where to: After LHC 8?”, Discussion meeting on EWSB and Flavours in the light of LHC, IIT Guwahati, Feb. 20-22, 2014.
82. “How do we know what lies within?”, Invited talk given at the Raman Memorial Confernece, Physics Department, Pune University, Pune, February 8, 2014.
83. “Discovery of the Higgs boson and Beyond”, Invited plenary talk presented at the Indian Science Congress, Jammu, February 6, 2014.
84. “Implications of the LHC results for the SM and the BSM”, December 25, 2013, Talk presented at the National Strings meeting at the Indian Institute of Technology, Kharagpur.
85. “From Rutherford to LHC and Beyond”, December 19, 2013, Foundation day lecture at the Inter University Accelerator Centre, New Delhi.
86. “Nobel for the Higgs mechanism: is it THE Higgs boson?”, Department of Physics, Bangalore University, October 26, 2013.
87. “Implications of a 125 GeV Higgs for the SM and the BSM”, Monday Seminar, October 14, 2013, Indian Institute for Science, Education and Research, October 14, 2013.
88. “Higgs : the discovery”, October 10, 2013, Indian Institute of Science, Education and Research, Pune
89. “Physics at the LHC in the context of CEFIPRA”, talk at the session on ‘Knowledge generation through technology’ at the Indo French Technology Summit, 23 October 2013, Delhi.
90. “Light neutralino in the light of LHC data on SUSY and Higgs”, Talk presented at the “Workshop on Status of Supersymmetry and Dark Matter”, 5 October 2013, CHEP, IISc,
91. “Top Polarization in third generation squark decays”, Talk presented at the “Workshop on Status of Supersymmetry and Dark Matter”, 3 October 2013, CHEP, IISc.

92. “Heart of matter: How to determine what lies therein”, September 28 2013, Department of Physics, Bangalore University, Bangalore.
93. “Probing the Higgs and BSM through the HVV vertex at the LHC”, Thursday Seminar, September 26, 2013, Theoretical physics department, Tata Institute of Fundamental Research, Mumbai.
94. “Gender equity: status, goals and strategies”, talk presented at the INSA-AASSA workshop on Women in science, education and research, September 24, 2013, INSA, Delhi.