

3.3.2 Number of research papers per teachers in the Journals notified on UGC website during the last five years (10)

Title of paper	Name of the author/s	Department of the teacher	Name of journal	Year of publication	ISSN number	Link to the recognition in UGC enlistment of the Journal / Digital Object Identifier (doi)		
						Link to Website of the Journal	Link to article / paper / abstract of the article	It is listed in UGC care list / scopus / web of science / other, mention
Measurement of the differential cross sections for top quark pair production as a function of kinematic event variables in pp collisions at $\sqrt{s}=7$ and 8 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2016-17	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.94.014005		Web of Science

Search for Higgs boson off-shell production in proton-proton collisions at 7 and 8 TeV and derivation of constraints on its total decay width	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2016-17	1029-8479	https://link.springer.com/article/10.1007%2FJHEP09%28	Web of Science
Search for direct pair production of supersymmetric top quarks decaying to all-hadronic final states in pp collisions at $\sqrt{s}=8\text{TeV}$	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2016-17	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100	Web of Science
Azimuthal decorrelation of jets widely separated in rapidity in pp collisions at $\sqrt{s}=7\text{TeV}$	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2016-17	1029-8479	https://link.springer.com/article/10.1007%2FJHEP08%28	Web of Science
Search for supersymmetry in events with soft leptons, low jet multiplicity, and missing transverse energy in proton-proton collisions at $\sqrt{s}=8\text{TeV}$	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2016-17	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370	Web of Science

Measurement of Spin Correlations in $t\bar{t}$ Production using the Matrix Element Method in the Muon+Jets Final State in pp Collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2016-17	0370-2693	https://www.sciencedirect.com/science/article/pii/S037026931630001	Web of Science
Search for a Low-Mass Pseudoscalar Higgs Boson Produced in Association with a $b\bar{b}$ Pair in pp Collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2016-17	0370-2693	https://www.sciencedirect.com/science/article/pii/S037026931630002	Web of Science
Measurement of $t\bar{t}$ production with additional jet activity, including b quark jets, in the dilepton decay channel using pp collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2016-17	1434-6052	https://link.springer.com/article/10.1140/epjc%2Fs10044-016-0400-1	Web of Science
Measurement of the inelastic cross section in proton-lead collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2016-17	0370-2693	https://www.sciencedirect.com/science/article/pii/S037026931630003	Web of Science

Search for pair production of first and second generation leptoquarks in proton-proton collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2016-17	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.94.2470029	Web of Science
Search for single production of scalar leptoquarks in proton-proton collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2016-17	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.94.2470029	Web of Science
Measurement of differential cross sections for Higgs boson production in the diphoton decay channel in pp collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2016-17	1434-6052	https://link.springer.com/article/10.1140/epjc/s10052-017-5100-4	Web of Science
Study of B Meson Production in p+Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV Using Exclusive Hadronic Decays	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2016-17	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.117.107901	Web of Science

Search for W' decaying to tau lepton and neutrino in proton-proton collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2016-17	0370-2693	https://www.sciencedirect.com/science/article/pii/S037026931630029	Web of Science
Measurement of the charge asymmetry in top quark pair production in pp collisions at $\sqrt{s}=8$ TeV using a template method	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2016-17	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.94.247002	Web of Science
Search for neutral MSSM Higgs bosons decaying to $\mu+\mu^-$ in pp collisions at $\sqrt{s}=7$ and 8 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2016-17	0370-2693	https://www.sciencedirect.com/science/article/pii/S037026931630029	Web of Science
Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in pp collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2016-17	0370-2693	https://www.sciencedirect.com/science/article/pii/S037026931630029	Web of Science

Angular analysis of the decay $B^0 \rightarrow K^* 0 \mu^+ \mu^-$ from pp collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2016-17	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269316300000	Web of Science
Measurement of the W^+W^- cross section in pp collisions at $\sqrt{s}=8$ TeV and limits on anomalous gauge couplings	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2016-17	1434-6052	https://link.springer.com/article/10.1140/epjc%2Fs10044-016-0400-0	Web of Science
Inclusive and differential measurements of the $t\bar{t}$ charge asymmetry in pp collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2016-17	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269316300000	Web of Science
Search for a Higgs boson decaying into $\gamma^* \gamma \rightarrow \ell\ell\gamma$ with low dilepton mass in pp collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2016-17	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269316300000	Web of Science

Search for exotic decays of a Higgs boson into undetectable particles and one or more photons	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2016-17	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science
Search for resonant $t\bar{t}$ production in proton-proton collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2016-17	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD	Web of Science
Search for a massive resonance decaying into a Higgs boson and a W or Z boson in hadronic final states in proton-proton collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2016-17	1029-8479	https://link.springer.com/article/10.1007%2FJHEP02%28	Web of Science
A search for pair production of new light bosons decaying into muons	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2016-17	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science

Measurement of the ratio $B(B_s^0 \rightarrow J/\psi f_0(980)) / B(B_s^0 \rightarrow J/\psi \phi(1020))$ in pp collisions at $\sqrt{s} = 7$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2016-17	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science	
“Ghadar Andolan: Ghadar Kavita de Sanband Vich”	Dr. Baljit Singh Virk	P.G. Department of History	Punjab History Conference Proceedings	2016-17	ISBN: 978- 81-302- 0372-0	40822	40822	UGC Approved - 40822
The CMS trigger system	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JINST	2016-17	1748-0221	https://iopscience.iop.org/article/10.1088/1748-0221/12	Web of Science	
Jet energy scale and resolution in the CMS experiment in pp collisions at 8 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JINST	2016-17	1748-0221	https://iopscience.iop.org/article/10.1088/1748-0221/12	Web of Science	

Measurement of the transverse momentum spectra of weak vector bosons produced in proton-proton collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2016-17	1029-8479	https://link.springer.com/article/10.1007%2FJHEP02%28	Web of Science
Measurements of the $t\bar{t}$ production cross section in lepton+jets final states in pp collisions at 8 TeV and ratio of 8 to 7 TeV cross sections	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2016-17	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100	Web of Science
Automatic Fault Tolerant Regular Monitor Software System in Alchemi Grid Middleware	Dr. Rajesh Kumar	PG Department of Computer Science and Application	International journal of Advance Research in Computer Science	2016-17	0976-5697	https://www.ijarcs://www.ijarcs.info/index.php/Ijarcs/article/	UGC Approved - 2503
Automatic Fault Control System for Resource utilization in Desktop Grid Middleware	Dr. Rajesh Kumar	PG Department of Computer Science and Application	International Journal on computer Science and Engineering	2016-17	0975-3397	http://www.enggiotv.enggjournals.com/ijcse/doc/IJCSE17-09-4	UGC Approved - 7778

Comparison of AODV and optimized AODV in vehicular Adhoc Networks	Harmandeep Kaur, Dr Rajesh Kumar	PG Department of Computer Science and Application	International journal of Advance Research in Computer Science	2016-17	0976-5697	http://www.ijarcs.info/index.php/Ijarcs/article/	UGC Approved - 2503
Implementation of enhanced REAC-IN protocol	Dr. Rajesh Kumar Amandeep Kaur,	PG Department of Computer Science and Application	International Journal on computer Science and Engineering	2016-17	0975-3397	http://www.enggjournal.com/ijcse/abstract/	UGC Approved - 7778
ADAPTIVE MULTIPLE COLLISION AVOIDANCE IN THE VEHICULAR NETWORK WITH TRACKING	Bohar Singh, Poonam	PG. Department of Computer Sciences and Applications	International Journal Of latest Trends in Engineering And Technology	2016-17	2278-6210	https://www.ijltet.org/journal/148587434111.131	UGC Approved - 63199
An Enhanced Load Balancing Mechanism in Cloud computing	Sahil Kumar, Pawan Luthra, Bohar Singh	PG. Department of Computer Sciences and Applications	International Journal of Advanced Research in Computer and Communication Engineering	2016-17	2278-1021	https://ijarccce.com/upload/2017/april-17/IJARCCCE%	UGC Approved - 46256

A Novel Approach of Task Allocation based on K-means and QoS in Cloud Environment	Sahil Kumar, Pawan Luthra, Bohar Singh	PG. Department of Computer Sciences and Applications	International Journal of Advanced Research in Computer and Communication Engineering	2016-17	2278-1021	https://ijarccce.com/rccce.com/upload/2017/april-17/IJARCCCE%20170401.pdf		UGC Approved - 46256
Development Of Part Of Speech Tagger For Assamese Using HMM	Dr. Umrinderpal Singh	PG. Department of Computer Sciences and Applications	International Journal of Synthetic Emotions	2016-17	ISSN: 1947-9093	https://dl.acm.org/doi/10.4018/IJSE.2018010101		UGC Approved - 63025
Maut Ik Darya Di : Rishtean di Tut Bhaj Atey Astitvi Sankat	Dr. Gurmeet Singh Hundal	P.G. Department of Punjabi	Ajokey Shilalekh	2016-17	2348-2664	41928	41928	UGC Approved - 41928
Bhai Veer Singh Aty Vihvin Sadi	Dr. Gurmeet Singh Hundal	P.G. Department of Punjabi	Nirguniara	2016-17	2454-647X	63261, UGC Approved	63261, UGC Approved	UGC Approved - 63261

Privatization and Indian Education	Vishavpreet Kaur	Political Science	Scholarly Research Journal for Humanity Science and English Language	2016-17	2348-3083	https://www.srjis.cs/pdfFiles/150313028474%20Mrs.%20Vishavpreet%20Kaur.pdf	UGC Approved - 48612
A Study of Attitude of Higher Secondary School Students of Baramulla District of Jammu and Kashmir towards their Sports Participation	Dr. SUNEETA DEVI	Physical Education	International Educational E-Journal, {Quarterly}	2016-17	ISSN 2277-727x	https://www.oijr.org/ejournal/july-aug-sept2016/	UGC Approved - 43191
Effect of Selected Exercises on Explosive Leg Strength, Cardio-Vascular Endurance and Agility among the Soccer Players	Dr. SUNEETA DEVI	Physical Education	Online International Interdisciplinary Research Journal, {Bi-Monthly}	2016-17	ISSN 2249-9598	http://www.oijr.org http://www.oijr.org/oijr/nov-dec2016/22.pdf	UGC Approved - 46964
Observation of top quark production in proton-nucleus collisions	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2017-18	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.121.102301	Web of Science

Search for electroweak production of charginos and neutralinos in multilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP03%28	Web of Science
Combination of inclusive and differential $t\bar{t}$ charge asymmetry measurements using ATLAS and CMS data at $\sqrt{s}=7$ and 8 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP04%28	Web of Science
Search for Higgsino pair production in pp collisions at $\sqrt{s}=13$ TeV in final states with large missing transverse momentum and two Higgs bosons decaying via $H \rightarrow b\bar{b}$	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2017-18	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD	Web of Science
Search for Evidence of the Type-III Seesaw Mechanism in Multilepton Final States in Proton-Proton Collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2017-18	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett	Web of Science

Principal-component analysis of two-particle azimuthal correlations in PbPb and pPb collisions at CMS	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. C	2017-18	2469-9993	https://journals.aps.org/prc/abstract/10.1103/PhysRevC	Web of Science
Measurement of vector boson scattering and constraints on anomalous quartic couplings from events with four leptons and two jets in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269317131111	Web of Science
Search for a light pseudoscalar Higgs boson produced in association with bottom quarks in pp collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007/JHEP11(2017)288	Web of Science
Search for supersymmetry in events with at least one photon, missing transverse momentum, and large transverse event activity in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007/JHEP12(2017)288	Web of Science

Measurement of the differential cross sections for the associated production of a WW boson and jets in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2017-18	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.177.2470	Web of Science
Search for direct production of supersymmetric partners of the top quark in the all-jets final state in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007/JHEP10(2017)1029	Web of Science
Search for heavy resonances that decay into a vector boson and a Higgs boson in hadronic final states at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2017-18	1434-6052	https://link.springer.com/article/10.1140/epjc%2Fs10052-017-5100-1	Web of Science
Constraints on anomalous Higgs boson couplings using production and decay information in the four-lepton final state	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269317137026	Web of Science

Search for electroweak production of charginos and neutralinos in WH events in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP11%28	Web of Science
Measurements of properties of the Higgs boson decaying into the four-lepton final state in pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP11%28	Web of Science
Search for a heavy composite Majorana neutrino in the final state with two leptons and two quarks at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370	Web of Science
Search for top squark pair production in pp collisions at $\sqrt{s}=13$ TeV using single lepton events	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP10%28	Web of Science

Searches for W' bosons decaying to a top quark and a bottom quark in proton-proton collisions at 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP08%28	Web of Science
Search for pair production of vector-like T and B quarks in single-lepton final states using boosted jet substructure in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP11%28	Web of Science
Search for dark matter produced in association with heavy-flavor quark pairs in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2017-18	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100	Web of Science
Search for top quark partners with charge 5/3 in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP08%28	Web of Science

Search for Low Mass Vector Resonances Decaying to Quark-Antiquark Pairs in Proton-Proton Collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2017-18	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.159.1079	Web of Science
Combination of searches for heavy resonances decaying to WW, WZ, ZZ, WH, and ZH boson pairs in proton-proton collisions at $\sqrt{s}=8$ and 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269317132791	Web of Science
Search for new phenomena with the M_{T2} variable in the all-hadronic final state produced in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2017-18	1434-6052	https://link.springer.com/article/10.1140/epjc/s10052-018-5688-1	Web of Science
Measurement of the B^{\pm} Meson Nuclear Modification Factor in Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2017-18	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.120.022001	Web of Science

Search for Supersymmetry in pp Collisions at $\sqrt{s}=13$ TeV in the Single-Lepton Final State Using the Sum of Masses of Large-Radius Jets	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2017-18	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.107.107901	Web of Science
Search for supersymmetry in multijet events with missing transverse momentum in proton-proton collisions at 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2017-18	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.96.243001	Web of Science
Search for physics beyond the standard model in events with two leptons of same sign, missing transverse momentum, and jets in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2017-18	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs10014-018-0100-1	Web of Science
Search for $t\bar{t}$ resonances in highly boosted lepton+jets and fully hadronic final states in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP07%282017%2F102	Web of Science

Measurement of the mass difference between top quark and antiquark in pp collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science
Dynamic Deployment of Homogeneous sensor nodes using Plant Propagation	Ramandeep Kaur, Dr Rajesh Kumar	PG Department of Computer Science and Application	International journal of Advance Research in Computer Science	2017-18	0976-5697	http://www.ijarcs.i/www.ijarcs.info/index.php/Ijarcs/, article/	UGC Approved - 2503
SIMPLE SERVICE DISCOVERY PROTOCOL BASED DISTRIBUTED REFLECTIVE DENIAL OF SERVICE ATTACK	Gursewak singh, Bohar Singh	PG. Department of Computer Sciences and Applications	International Journal of recent trends in engineering and research	2017-18	2455-1457	https://www.ijrter.i/simple-service-discovery-protocol-based-	UGC Approved - 63398
A STUDY OF RANKING ALGORITHM USED BY VARIOUS SEARCH ENGINE	Bohar Singh, Gursewak Singh	PG. Department of Computer Sciences and Applications	International Journal of recent trends in engineering and research	2017-18	2455-1457	https://www.ijrter.me-3/issue-12/a-study-of-ranking-algorithm	UGC Approved - 63398

A SURVEY OF NETWORK STORAGE OF DAS,SAN,NAS	Bohar Singh	PG. Department of Computer Sciences and Applications	International Journal of computer engineering and application	2017-18	2321-3469	https://www.ijcea.ca.com/wp-content/uploads/2018/01/Bohar-		UGC Approved - 44835
A Comparison Of Phrase Based And Word Based Language Model For Punjabi	Dr. Umrinderpal Singh	PG. Department of Computer Sciences and Applications	International Journals Of Advanced Research In Computer Science And Software Engineering	2017-18	ISSN: 2277-128x	http://ijarcsse.com	http://ijarcsse.com/index.php/ijarcsse/article/v	UGC Approved - 48958
Punjabi POS Tagger: Rule Based And HMM	Dr. Umrinderpal Singh	PG. Department of Computer Sciences and Applications	International Journals Of Advanced Research In Computer Science And Software Engineering	2017-18	ISSN: 2277-128x	http://ijarcsse.com	http://ijarcsse.com/index.php/ijarcsse/article/v	UGC Approved - 48958
Dr. Manjitpal Kaur De Kav Naat : Naarivadi Sarokar	Dr. Gurmeet Singh Hundal	P.G. Department of Punjabi	Alakh	2017-18	2320-0413	62424	62424	UGC Approved - 62424

Fluorescent compounds of dimethyltin	Navjot Singh	Chemistry	New Journal of Chemistry	2017-18	1369-9261	https://pubs.rsc.org/en/content/articlelanding/2018/nj/c7nj037	Scopus
STOCK BUY RECOMMENDATIONS & THEIR IMPACT: EVIDENCE FROM INDIAN CAPITAL MARKETS	Namrita Singh Ahluwalia, Dr. Mohit Gupta & Dr. Navdeep Aggarwal	P. G. Department of Commerce & Management	Abhigyan - Quest For Excellence	2017-18	0970- 2385	https://go.gale.com/7357606&sid=googleScholar&v=2.1&it, =	UGC Approved
Performance of the CMS muon detector and muon reconstruction with proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JINST	2017-18	1748-0221	https://iopscience.iop.org/article/10.1088/1748-0221/13	Web of Science
Observation of $t\bar{t}H$ production	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2017-18	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett	Web of Science

Search for a new scalar resonance decaying to a pair of Z bosons in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP06%28	Web of Science
Search for a heavy right-handed W boson and a heavy neutrino in events with two same-flavor leptons and two jets at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP05%28	Web of Science
Search for high-mass resonances in final states with a lepton and missing transverse momentum at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP06%28	Web of Science
Measurement of differential cross sections for the production of top quark pairs and of additional jets in lepton+jets events from pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2017-18	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD	Web of Science

Search for $t\bar{t}H$ production in the all-jet final state in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP06%28	Web of Science
Search for high-mass resonances in dilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP06%28	Web of Science
Measurements of differential cross sections of top quark pair production as a function of kinematic event variables in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP06%28	Web of Science
Jet properties in PbPb and pp collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP05%28	Web of Science

Search for a heavy resonance decaying to a pair of vector bosons in the lepton plus merged jet final state at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP05%28	Web of Science
Search for narrow resonances in the b-tagged dijet mass spectrum in proton-proton collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2017-18	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett	Web of Science
Measurement of the Λ_b polarization and angular parameters in $\Lambda_b \rightarrow J/\psi \Lambda$ decays from pp collisions at $\sqrt{s}=7$ and 8 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2017-18	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD	Web of Science
Search for heavy neutral leptons in events with three charged leptons in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2017-18	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett	Web of Science

Search for natural and split supersymmetry in proton-proton collisions at $\sqrt{s}=13$ TeV in final states with jets and missing transverse momentum	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP05%28	Web of Science
Search for single production of vector-like quarks decaying to a b quark and a Higgs boson	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP06%28	Web of Science
Search for lepton-flavor violating decays of heavy resonances and quantum black holes to $e\mu$ final states in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP04%28	Web of Science
Comparing transverse momentum balance of b jet pairs in pp and PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP03%28	Web of Science

Search for dark matter in events with energetic, hadronically decaying top quarks and missing transverse momentum at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007/JHEP06(2017)102	Web of Science
Combined search for electroweak production of charginos and neutralinos in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007/JHEP03(2017)102	Web of Science
Search for decays of stopped exotic long-lived particles produced in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007/JHEP05(2017)102	Web of Science
Measurement of prompt and nonprompt charmonium suppression in PbPb collisions at 5.02 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2017-18	1434-6052	https://link.springer.com/article/10.1140/epjc%2Fs10052-017-1434-6	Web of Science

Search for Physics Beyond the Standard Model in Events with High-Momentum Higgs Bosons and Missing Transverse Momentum in Proton-Proton Collisions at 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2017-18	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.159.1079	Web of Science
Bose-Einstein correlations in pp, pPb, and PbPb collisions at $\sqrt{s_{NN}}=0.9-7$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. C	2017-18	2469-9993	https://journals.aps.org/prc/abstract/10.1103/PhysRevC.100.2469	Web of Science
Identification of heavy-flavour jets with the CMS detector in pp collisions at 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JINST	2017-18	1748-0221	https://iopscience.iop.org/article/10.1088/1748-0221/13/08/08C001	Web of Science
Search for lepton flavour violating decays of the Higgs boson to $\mu\tau$ and $e\tau$ in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007/JHEP06(2018)102	Web of Science

Search for the X(5568) state decaying into $B_s^0\pi^\pm$ in proton-proton collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2017-18	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.120.107971	Web of Science
Measurement of the associated production of a single top quark and a Z boson in pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269317327028	Web of Science
Search for the flavor-changing neutral current interactions of the top quark and the Higgs boson which decays into a pair of b quarks at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007/JHEP06(2018)288	Web of Science
Search for new physics in final states with an energetic jet or a hadronically decaying WW or ZZ boson and transverse momentum imbalance at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2017-18	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.98.247002	Web of Science

Constraints on the double-parton scattering cross section from same-sign W boson pair production in proton-proton collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP02%28	Web of Science
Search for pair production of excited top quarks in the lepton + jets final state	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science
Search for new long-lived particles at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science
Search for gauge-mediated supersymmetry in events with at least one photon and missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science

Non-Gaussian elliptic-flow fluctuations in PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269317131111	Web of Science
Search for excited quarks of light and heavy flavor in γ +jet final states in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269317131111	Web of Science
Search for ZZ resonances in the $2\ell 2\nu$ final state in proton-proton collisions at 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007/JHEP03(2018)088	Web of Science
Measurement of the inclusive $t\bar{t}$ cross section in pp collisions at $\sqrt{s}=5.02$ TeV using final states with at least one charged lepton	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007/JHEP03(2018)088	Web of Science

Measurement of associated Z + charm production in proton-proton collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2017-18	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100	Web of Science
Search for top squarks and dark matter particles in opposite-charge dilepton final states at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. D	2017-18	2470-0029	https://journals.apsals.aps.org/prd/abstract/10.1103/PhysRevD	Web of Science
Search for new physics in events with a leptonically decaying Z boson and a large transverse momentum imbalance in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2017-18	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100	Web of Science
Search for supersymmetry in proton-proton collisions at 13 TeV using identified top quarks	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. D	2017-18	2470-0029	https://journals.apsals.aps.org/prd/abstract/10.1103/PhysRevD	Web of Science

Measurement of quarkonium production cross sections in pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269317131140	Web of Science
Search for standard model production of four top quarks with same-sign and multilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2017-18	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs1007-0182-017-13114-0	Web of Science
Pseudorapidity distributions of charged hadrons in proton-lead collisions at $\sqrt{s_{NN}}=5.02$ and 8.16 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP01%28(2017)131	Web of Science
Search for supersymmetry in events with at least three electrons or muons, jets, and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP02%28(2017)131	Web of Science

Measurement of b hadron lifetimes in pp collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2017-18	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs10044-017-1434-6	Web of Science
Measurement of differential cross sections in the kinematic angular variable ϕ^* for inclusive Z boson production in pp collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP03%28(2017)1029	Web of Science
Search for a massive resonance decaying to a pair of Higgs bosons in the four b quark final state in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269317326937	Web of Science
Measurement of angular parameters from the decay $B^0 \rightarrow K^* \mu^+ \mu^-$ in proton-proton collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269317326937	Web of Science

Search for pair production of vector-like quarks in the $b\bar{b}W$ channel from proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269317311111	Web of Science
Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007/JHEP01(2018)028	Web of Science
Search for supersymmetry in events with one lepton and multiple jets exploiting the angular correlation between the lepton and the missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269317311111	Web of Science
Search for new phenomena in final states with two opposite-charge, same-flavor leptons, jets, and missing transverse momentum in pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007/JHEP03(2018)028	Web of Science

Observation of Correlated Azimuthal Anisotropy Fourier Harmonics in pp and p+Pb Collisions at the LHC	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2017-18	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.159.1079	Web of Science
Measurements of the $pp \rightarrow ZZ$ production cross section and the $Z \rightarrow 4\ell$ branching fraction, and constraints on anomalous triple gauge couplings at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2017-18	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fv100a010	Web of Science
Evidence for the Higgs boson decay to a bottom quark–antiquark pair	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269317134000	Web of Science
Observation of electroweak production of same-sign W boson pairs in the two jet and two same-sign lepton final state in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2017-18	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.159.1079	Web of Science

Inclusive search for a highly boosted Higgs boson decaying to a bottom quark-antiquark pair	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2017-18	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.159.1079	Web of Science
Search for supersymmetry with Higgs boson to diphoton decays using the razor variables at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269317328198	Web of Science
Measurement of the Splitting Function in ppp and Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2017-18	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.120.172301	Web of Science
Search for heavy resonances decaying to a top quark and a bottom quark in the lepton+jets final state in proton-proton collisions at 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269317328198	Web of Science

Measurement of normalized differential $t\bar{t}$ cross sections in the dilepton channel from pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP04%28	Web of Science
Search for massive resonances decaying into WW, WZ, ZZ, qW, and qZ with dijet final states at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2017-18	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD	Web of Science
Search for resonant and nonresonant Higgs boson pair production in the $b\bar{b}\ell\nu\ell\nu$ final state in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2017-18	1029-8479	https://link.springer.com/article/10.1007%2FJHEP01%28	Web of Science
Measurement of prompt D^0 meson azimuthal anisotropy in Pb-Pb collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2017-18	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett	Web of Science

Constraints on the chiral magnetic effect using charge-dependent azimuthal correlations in pPb and PbPb collisions at the CERN Large Hadron Collider	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. C	2017-18	2469-9993	https://journals.aps.org/prc/abstract/10.1103/PhysRevC	Web of Science
Search for single production of a vector-like T quark decaying to a Z boson and a top quark in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science
Observation of the Higgs boson decay to a pair of τ leptons with the CMS detector	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science
Search for the pair production of third-generation squarks with two-body decays to a bottom or charm quark and a neutralino in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science

Search for Higgs boson pair production in events with two bottom quarks and two tau leptons in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science
Measurements of $t\bar{t}$ cross sections in association with $b\bar{b}$ jets and inclusive jets and their ratio using dilepton final states in pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2017-18	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science
NETWORK SECURITY TECHNOLOGY BASED ON FIREWALL AND INTRUSION DETECTION SYSTEM	Gursewak Singh, Bohar Singh	PG. Department of Computer Sciences and Applications	International Journal of Computer Science and mobile Applications	2017-18	2321-8363	http://ijcsma.com ijcsma.com/publications/january2018/V6I1	UGC Approved - 63603
A STUDY ON VIRTUALIZATION AND HYPERVISOR IN CLOUD COMPUTING	Bohar Singh, Gursewak Singh	PG. Department of Computer Sciences and Applications	International Journal of Computer Science and mobile Applications	2017-18	2321-8363	http://ijcsma.com ijcsma.com/publications/january2018/V6I1	UGC Approved - 63603

Sukhwinder Amrit Da Kav Paradyme: Naarivadi Pripekh	Dr. Gurmeet Singh Hundal	P.G. Department of Punjabi	Ajokey Shilalekh	2017-18	2348-2664	41928	41928	UGC Approved - 41928
Pashhami : Naat Chintan : Sankalp Sandarbh ate Sarokar	Dr. Gurmeet Singh Hundal	P.G. Department of Punjabi	Sanvad	2017-18	2395-1273	Care List 48089	Care List 48089	UGC Approved - 48089
Chandi Di Vaar: Nari Shakti da Parvachan	Dr. Sohan Singh	P.G. Department of Punjabi	Alakh	2017-18	2320-0413	62424	62424	UGC Approved - 62424
Therapeutic Potential of Stem Cells	Shikha Jain	Biotechnology	Vidyawarta	2017-18	2319 9318	62759	62759	UGC Approved - 62759

Communal Violence and the Politics of Partition: A Literary- Historical Study of ChamanNahal'sAzadi	Dr. Rajwant Singh	English	Literary Voice, Vol -I No. 8	2017-18	Peer Reviewed Journal of English Studies,ISS N No. 2277-4521	64412	64412	UGC Approved - 64412
Impact of Demonetization on Indian Economy	Navdeep kaur	Dept. of Economics	Academe Journal of Education and Psychology	2017-18	2249-040X	47208	47208	UGC Approved - 47208
Impact of GST on Indian Economy	Navdeep Kaur	Dept. of Economics	International Inventive Multidisciplinary Journal	2017-18	2348-7135	http://www.inventments/20180624103020660.19.%20April-2018		UGC Approved - 48653
Impact of Make in India Campaign	Navdeep Kaur	Dept. of Economics	International Inventive Multidisciplinary Journal	2017-18	2348-7135	http://www.inventments/20180717141828195.20.%20April-2018		UGC Approved - 48653

Exploration of Fluorescent diorganotin compounds in detection of war fare agents	Navjot Singh	Chemistry	New Journal of Chemistry	2017-18	1369-9261	https://doi.org/10.1039/C8NJ01153B , Web of	Web of Science
Analysis of Innovation Diffusion Models in Marketing (2018)	Parveen Ansari-Sonu Chug	Mathematics	Vidyawarta	2017-18	2319-9318	62759	62759 UGC Approved - 62759
DOES 'SELL' RECOMMENDATION INDUCE FURTHER BEARISHNESS? EMPIRICAL EVIDENCE FROM INDIAN STOCK MARKETS	Namrita Singh Ahluwalia, Dr. Mohit Gupta & Dr. Navdeep Aggarwal	P. G. Department of Commerce & Management	NMIMS MANAGEMENT REVIEW	2017-18	0971-1023	https://management-induce-further-bearishness-empirical-evidence-from-indian-stock-markets	Web of Science
Self-efficacy and its effect on physical stamina of selected male sports persons	Dr. Paramjit Kaur	Psychology	IJARPF	2017-18	2394-7500	https://www.allresearchjournal.com/archives/2017/vol3issue8/	UGC Approved - 42726

Event shape variables measured using multijet final states in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP12%28	Web of Science
Search for leptoquarks coupled to third-generation quarks in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2018-19	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett	Web of Science
Studies of $B^* \rightarrow s(5840)0$ and $B_s(5830)0$ mesons including the observation of the $B^* \rightarrow s(5840)0 \rightarrow B0K_S0$ decay in proton-proton collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100	Web of Science
Performance of reconstruction and identification of τ leptons decaying to hadrons and ν_τ in pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JINST	2018-19	1748-0221	https://iopscience.iop.org/article/10.1088/1748-0221/13	Web of Science

Search for physics beyond the standard model in high-mass diphoton events from proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2018-19	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.100.2470029	Web of Science
Charged-particle nuclear modification factors in XeXe collisions at $\sqrt{s_{NN}}=5.44$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP10(2018)1029	Web of Science
Observation of Higgs boson decay to bottom quarks	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2018-19	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.121.107901	Web of Science
Measurement of jet substructure observables in $t\bar{t}$ events from proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2018-19	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.100.2470029	Web of Science

Search for a charged Higgs boson decaying to charm and bottom quarks in proton-proton collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP11%28	Web of Science
Search for long-lived particles with displaced vertices in multijet events in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2018-19	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD	Web of Science
Search for pair-produced resonances decaying to quark pairs in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2018-19	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD	Web of Science
Evidence for the associated production of a single top quark and a photon in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2018-19	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett	Web of Science

Search for resonances in the mass spectrum of muon pairs produced in association with b quark jets in proton-proton collisions at $\sqrt{s}=8$ and 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP11%28	Web of Science
Searches for pair production of charginos and top squarks in final states with two oppositely charged leptons in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP11%28	Web of Science
Measurements of the differential jet cross section as a function of the jet mass in dijet events from proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP11%28	Web of Science
Precision measurement of the structure of the CMS inner tracking system using nuclear interactions	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JINST	2018-19	1748-0221	https://iopscience.iop.org/article/10.1088/1748-0221/13	Web of Science

Search for heavy resonances decaying into a vector boson and a Higgs boson in final states with charged leptons, neutrinos and b quarks at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP11%28	Web of Science
Search for supersymmetry in events with a τ lepton pair and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP11%28	Web of Science
Measurement of charged particle spectra in minimum-bias events from proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100	Web of Science
Search for the decay of a Higgs boson in the $\ell\ell\gamma$ channel in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP11%28	Web of Science

Search for dark matter produced in association with a Higgs boson decaying to $\gamma\gamma$ or $\tau^+\tau^-$ at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP09%28	Web of Science
Observation of the $Z\rightarrow\psi\ell^+\ell^-$ decay in pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2018-19	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett	Web of Science
Search for a singly produced third-generation scalar leptoquark decaying to a τ lepton and a bottom quark in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP07%28	Web of Science
Search for resonant pair production of Higgs bosons decaying to bottom quark-antiquark pairs in proton-proton collisions at 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP08%28	Web of Science

Search for pair-produced resonances each decaying into at least four quarks in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2018-19	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.107.107901	Web of Science
Measurement of the weak mixing angle using the forward-backward asymmetry of Drell-Yan events in pp collisions at 8 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140/epjc/s10052-019-6988-1	Web of Science
Search for narrow and broad dijet resonances in proton-proton collisions at $\sqrt{s}=13$ TeV and constraints on dark matter mediators and other new particles	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP08(2019)102	Web of Science
Angular analysis of the decay $B^+ \rightarrow K^+ \mu^+ \mu^-$ in proton-proton collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. D	2018-19	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.100.033001	Web of Science

Search for beyond the standard model Higgs bosons decaying into a $b\bar{b}$ pair in pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP08%28	Web of Science
Observation of the χ_{b1} (3P) and χ_{b2} (3P) and measurement of their masses	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2018-19	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett	Web of Science
Constraints on models of scalar and vector leptoquarks decaying to a quark and a neutrino at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. D	2018-19	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevLett	Web of Science
Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state with two b quarks and two τ leptons in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2018-19	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science

Measurement of the production cross section for single top quarks in association with W bosons in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP10%28	Web of Science
Search for top squarks decaying via four-body or chargino-mediated modes in single-lepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP09%28	Web of Science
Search for black holes and sphalerons in high-multiplicity final states in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP11%28	Web of Science
Measurement of the groomed jet mass in PbPb and pp collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP10%28	Web of Science

Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state of two muons and two τ leptons in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP11%28	Web of Science
Search for vector-like T and B quark pairs in final states with leptons at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP08%28	Web of Science
Constraining gluon distributions in nuclei using dijets in proton-proton and proton-lead collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2018-19	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett	Web of Science
Measurement of the top quark mass with lepton+jets final states using pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100	Web of Science

Elliptic flow of charm and strange hadrons in high-multiplicity pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2018-19	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.121.107901	Web of Science
Search for disappearing tracks as a signature of new long-lived particles in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP08(2018)102	Web of Science
Measurement of differential cross sections for Z boson production in association with jets in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140/epjc/s10052-018-6052-1	Web of Science
Measurements of Higgs boson properties in the diphoton decay channel in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP11(2018)102	Web of Science

Search for a heavy resonance decaying into a Z boson and a Z or W boson in $2\ell 2q$ final states at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP09%28	Web of Science
Search for new physics in dijet angular distributions using proton-proton collisions at $\sqrt{s}=13$ TeV and constraints on dark matter and other models	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100	Web of Science
Search for additional neutral MSSM Higgs bosons in the $\tau\tau$ final state in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP09%28	Web of Science
Evidence for associated production of a Higgs boson with a top quark pair in final states with electrons, muons, and hadronically decaying τ leptons at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP08%28	Web of Science

Observation of proton-tagged, central (semi) exclusive production of high-mass lepton pairs in pp collisions at 13 TeV with the CMS-TOTEM precision proton spectrometer	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP07%28	Web of Science
Search for a heavy resonance decaying into a Z boson and a vector boson in the $\nu\nu^-\text{qq}^-$ final state	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP07%28	Web of Science
Measurement of the inelastic proton-proton cross section at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP07%28	Web of Science
Observation of Medium-Induced Modifications of Jet Fragmentation in Pb-Pb Collisions at $\sqrt{s_{NN}}=5.02$ TeV Using Isolated Photon-Tagged Jets	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2018-19	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett	Web of Science

Measurement of the $Z\gamma^* \rightarrow \tau\tau$ cross section in pp collisions at $\sqrt{s}=13$ TeV and validation of τ lepton analysis techniques	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100	Web of Science
Search for new physics in events with two soft oppositely charged leptons and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2018-19	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science
Electroweak production of two jets in association with a Z boson in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100	Web of Science
Search for R-parity violating supersymmetry in pp collisions at $\sqrt{s}=13$ TeV using b jets in a final state with a single lepton, many jets, and high sum of large-radius jet masses	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2018-19	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science

Azimuthal correlations for inclusive 2-jet, 3-jet, and 4-jet events in pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs10044-018-6052-8	Web of Science
Search for $Z\gamma$ resonances using leptonic and hadronic final states in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP09%282018%2F102	Web of Science
Study of jet quenching with isolated-photon+jet correlations in PbPb and pp collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2018-19	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269318303702	Web of Science
Measurement of the underlying event activity in inclusive Z boson production in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP07%282018%2F102	Web of Science

Measurement of the cross section for top quark pair production in association with a W or Z boson in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP08%28		Web of Science
Pseudorapidity and transverse momentum dependence of flow harmonics in pPb and PbPb collisions	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. C	2018-19	2469-9993	https://journals.aps.org/prc/abstract/10.1103/PhysRevC		Web of Science
Nuclear modification factor of D^0 mesons in PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2018-19	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702		Web of Science
Gurmat Sidhant atey Bhai Veer Singh da Kav-Jagat	Dr. Gurmeet Singh Hundal	P.G. Department of Punjabi	Nirguniara	2018-19	2454-647X	63261, UGC Approved	63261, UGC Approved	UGC Approved - 63261

Punjabi Shabad – Jodan da Parmanikaran : Samsaya te Samadhan	Dr. Sohan Singh	P.G. Department of Punjabi	Sanvad	2018-19	2395-1273	Care list Punjabi-02	Care list Punjabi-02	UGC Approved - 48089
Taking Linguistics to Classroom : A Stylistic Analysis of Tennyson's Short Poem "The Eagle"	Dr. Rajwant Singh	English	Literary Voice, Vol – I, No. 9	2018-19	Peer Reviewed Journal of English Studies, ISSN No. 2277-4521	64412	64412	UGC Approved - 64412
Image of Rural Woman in the Feudo-Patriarchal Society: A Study of Dalip Kaur Tiwana's A Journey on Bare Feet	Dr. Gurshran Kaur Tiwana	English	International Journal of English Language, Literature in Humanities (IJELLH)	2018-19	2321-7065	43979	43979	UGC Approved - 43979
Dilemma of Urban Life in Anita Desai's Cry, the Peacock	Dr. Gurshran Kaur Tiwana	English	International Journal of English Language, Literature in Humanities (IJELLH)	2018-19	2321-7065	43979	43979	UGC Approved - 43979

Characteristics of Feudo-Patriarchal Society: A Study of Dalip Kaur Tiwana's Novellas Twilight/ Mark of the Nose-Ring	Dr. Gurshran Kaur Tiwana	English	International Journal of English Language, Literature in Humanities (IJELLH)	2018-19	2321-7065	43979	43979	UGC Approved - 43979
“Guru Gobind Singh Ji Da Bimb: Ghadar, Babar ate Naxalbari Lehar de SambandhVich”,	Dr. Baljit Singh Virk	P.G. Department of History	Punjab History Conference Proceedings	2018-19	ISBN: 978-81-302-0473-4	40822	40822	UGC Approved - 40822
Search for a low-mass $\tau^+\tau^-$ resonance in association with a bottom quark in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP05%28		Web of Science
Search for supersymmetry in final states with photons and missing transverse momentum in proton-proton collisions at 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP06%28		Web of Science

An embedding technique to determine $\tau\tau$ backgrounds in proton-proton collision data	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JINST	2018-19	1748-0221	https://iopscience.iop.org/article/10.1088/1748-0221/14	Web of Science
Combinations of single-top-quark production cross-section measurements and $ f_{L,V}V_{tb} $ determinations at $\sqrt{s}=7$ and 8 TeV with the ATLAS and CMS experiments	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP05(2018)102	Web of Science
Observation of Two Excited B_c^+ States and Measurement of the $B_c^+(2S)$ Mass in pp Collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2018-19	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.122.102001	Web of Science
Search for W boson decays to three charged pions	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2018-19	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.122.102001	Web of Science

Search for supersymmetry in events with a photon, jets, b-jets, and missing transverse momentum in proton-proton collisions at 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs10052-018-6052-1	Web of Science
Measurements of the $pp \rightarrow WZ$ inclusive and differential production cross section and constraints on charged anomalous triple gauge couplings at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP04%28(2018)1029	Web of Science
Search for dark matter produced in association with a single top quark or a top quark pair in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP03%28(2018)1029	Web of Science
Search for the pair production of light top squarks in the $e\pm\mu\mp$ final state in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP03%28(2018)1029	Web of Science

Measurements of the Higgs boson width and anomalous HVV couplings from on-shell and off-shell production in the four-lepton final state	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2018-19	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.100.2470029	Web of Science
Measurement of the $t\bar{t}$ production cross section, the top quark mass, and the strong coupling constant using dilepton events in pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140/epjc/s10052-019-6618-1	Web of Science
Measurement of the top quark mass in the all-jets final state at $\sqrt{s}=13$ TeV and combination with the lepton+jets channel	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140/epjc/s10052-019-6618-1	Web of Science
Search for contact interactions and large extra dimensions in the dilepton mass spectra from proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP04(2019)102	Web of Science

Search for vector-like quarks in events with two oppositely charged leptons and jets in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs10044-018-6052-1	Web of Science
Measurement and interpretation of differential cross sections for Higgs boson production at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2018-19	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269318302693	Web of Science
Search for a heavy resonance decaying to a top quark and a vector-like top quark in the lepton+jets final state in pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs10044-018-6052-1	Web of Science
Inclusive search for supersymmetry in pp collisions at $\sqrt{s}=13$ TeV using razor variables and boosted object identification in zero and one lepton final states	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP03%28(2018)029	Web of Science

Observation of Single Top Quark Production in Association with a Z Boson in Proton-Proton Collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2018-19	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.121.107971	Web of Science
Search for supersymmetry in events with a photon, a lepton, and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP01(2018)102	Web of Science
Measurement of the energy density as a function of pseudorapidity in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140/epjc/s10052-018-6052-1	Web of Science
Measurement of inclusive very forward jet cross sections in proton-lead collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP05(2018)102	Web of Science

Measurement of associated production of a W boson and a charm quark in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100	Web of Science
Search for associated production of a Higgs boson and a single top quark in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2018-19	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD	Web of Science
Combination of searches for Higgs boson pair production in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2018-19	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett	Web of Science
Search for resonant production of second-generation sleptons with same-sign dimuon events in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100	Web of Science

Search for a standard model-like Higgs boson in the mass range between 70 and 110 GeV in the diphoton final state in proton-proton collisions at $\sqrt{s}=8$ and 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2018-19	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702693(18)00000-0	Web of Science
Search for long-lived particles decaying into displaced jets in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2018-19	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.100.074001	Web of Science
Search for a W' boson decaying to a vector-like quark and a top or bottom quark in the all-jets final state	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP03(2018)100	Web of Science
Measurements of $t\bar{t}b\bar{b}$ differential cross sections in proton-proton collisions at $\sqrt{s}=13$ TeV using events containing two leptons	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP02(2018)100	Web of Science

Search for dark matter produced in association with a Higgs boson decaying to a pair of bottom quarks in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs10044-018-6052-8	Web of Science
Search for excited leptons in $ll\gamma$ final states in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP04%282018%2F102	Web of Science
Search for pair production of first-generation scalar leptoquarks at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2018-19	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.100.247002	Web of Science
Search for heavy neutrinos and third-generation leptoquarks in hadronic states of two τ leptons and two jets in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP03%282018%2F102	Web of Science

Search for low-mass resonances decaying into bottom quark-antiquark pairs in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2018-19	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.100.2470029	Web of Science
Search for nonresonant Higgs boson pair production in the $b\bar{b}b\bar{b}$ final state at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP04(2018)102	Web of Science
Search for new particles decaying to a jet and an emerging jet	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP02(2018)102	Web of Science
Search for rare decays of Z and Higgs bosons to J/ψ and a photon in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140/epjc/s10052-018-6052-1	Web of Science

Search for pair-produced three-jet resonances in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2018-19	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.100.247002	Web of Science
Search for resonant $t\bar{t}$ production in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP04(2018)102	Web of Science
Search for top quark partners with charge $5/3$ in the same-sign dilepton and single-lepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP03(2018)102	Web of Science
Observation of prompt J/ψ meson elliptic flow in high-multiplicity pPb collisions at $\sqrt{s_{NN}}=8.16$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2018-19	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269318303702	Web of Science

Search for new physics in final states with a single photon and missing transverse momentum in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP02%28	Web of Science
Measurement of exclusive Y photoproduction from protons in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100	Web of Science
Combined measurements of Higgs boson couplings in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100	Web of Science
Search for single production of vector-like quarks decaying to a top quark and a W boson in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100	Web of Science

Jet Shapes of Isolated Photon-Tagged Jets in Pb-Pb and pp Collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2018-19	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.107.107901	Web of Science
Search for invisible decays of a Higgs boson produced through vector boson fusion in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2018-19	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269318302888	Web of Science
Search for the associated production of the Higgs boson and a vector boson in proton-proton collisions at $\sqrt{s}=13$ TeV via Higgs boson decays to τ leptons	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP06(2018)102	Web of Science
Search for pair production of second-generation leptoquarks at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2018-19	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD.100.247001	Web of Science

Search for an $L_\mu-L_\tau$ gauge boson using $Z \rightarrow 4\mu$ events in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2018-19	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702693(18)30370-2	Web of Science
Search for production of Higgs boson pairs in the four b quark final state using large-area jets in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP01(2018)102	Web of Science
Search for heavy resonances decaying into two Higgs bosons or into a Higgs boson and a W or Z boson in proton-proton collisions at 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP01(2018)102	Web of Science
Search for narrow $H\gamma$ resonances in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2018-19	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.122.101801	Web of Science

Search for a W^+ boson decaying to a τ lepton and a neutrino in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2018-19	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269318303702	Web of Science
Search for the Higgs boson decaying to two muons in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2018-19	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.123.107971	Web of Science
Search for dark matter particles produced in association with a top quark pair at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2018-19	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.123.107971	Web of Science
Measurement of inclusive and differential Higgs boson production cross sections in the diphoton decay channel in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP01(2018)102	Web of Science

Study of the underlying event in top quark pair production in pp collisions at 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs10044-018-6052-1	Web of Science
Measurement of differential cross sections for inclusive isolated-photon and photon+jets production in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2018-19	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs10044-018-6052-1	Web of Science
Search for heavy Majorana neutrinos in same-sign dilepton channels in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007%2FJHEP01%28(2018)1029	Web of Science
Measurement of differential cross sections for Z boson pair production in association with jets at $\sqrt{s}=8$ and 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2018-19	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269318303702	Web of Science

Search for supersymmetric partners of electrons and muons in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2018-19	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702693(18)00000-0	Web of Science
Measurements of properties of the Higgs boson decaying to a W boson pair in pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2018-19	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702693(18)00000-0	Web of Science
Search for Higgs boson pair production in the $\gamma\gamma b\bar{b}$ final state in pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2018-19	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702693(18)00000-0	Web of Science
Measurement of nuclear modification factors of $Y(1S)$, $Y(2S)$, and $Y(3S)$ mesons in PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2018-19	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702693(18)00000-0	Web of Science

Measurement of prompt $\psi(2S)$ production cross sections in proton-lead and proton-proton collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2018-19	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269318302693	Web of Science
Search for $t\bar{t}H$ production in the $H\rightarrow b\bar{b}$ decay channel with leptonic $t\bar{t}$ decays in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2018-19	1029-8479	https://link.springer.com/article/10.1007/JHEP03(2018)288	Web of Science
Combined search for supersymmetry with photons in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2018-19	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269318302693	Web of Science
Effect of Ohmic heating on electrical conductivity and other physicochemical parameters of tomato puree	Kiranjot Kaur and P S Tarsikka	Physics	Journal of Emerging Technologies and Innovative Research	2018-19	2349-5162	http://www.jetir.org/papers/JETIR1905R86.p	UGC Approved - 63975

Quality Assessment Models for Open Source Projects Hosted on Modern Web-Based Forges: A Review	Jaswinder Singh, Anu Gupta, and Preet Kanwal	PG Department of Computer Science and Applications	Information, Communication and Computing Technology	2018-19	1865-0929	https://link.springer.com/chapter/10.1007/978-981-15		Scopus
Surjit Patar Di Kavita Da Naataki Rupantran: Sarokar Atey Sandharbh	Dr. Gurmeet Singh Hundal	P.G. Department of Punjabi	Ajokey Shilalekh	2018-19	2348-2664	41928	41928	UGC Approved - 41928
Terrorism: A Threat to The World	Vishavpreet Kaur	Political Science	International Journal of 360° Management Review	2018-19	2320-7124	63594	63594	UGC Approved - 63594
Bitcoins and other Cryptocurrencies: Growth and The Challenges	Navdeep kaur	Dept. of Economics	International Journal of 360o Management Review	2018-19	2320-7132	http://www.ij360mr.com/docs/vol7/spcl/29.p		UGC Approved - 63594

Search for long-lived particles using delayed photons in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2019-20	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD	Web of Science
Search for low mass vector resonances decaying into quark-antiquark pairs in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2019-20	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD	Web of Science
Measurements of differential Z boson production cross sections in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2019-20	1029-8479	https://link.springer.com/article/10.1007%2FJHEP12%28	Web of Science
Search for supersymmetry using Higgs boson to diphoton decays at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2019-20	1029-8479	https://link.springer.com/article/10.1007%2FJHEP11%28	Web of Science

Search for supersymmetry in proton-proton collisions at 13 TeV in final states with jets and missing transverse momentum	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2019-20	1029-8479	https://link.springer.com/article/10.1007%2FJHEP10%28	Web of Science
Search for dark photons in decays of Higgs bosons produced in association with Z bosons in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2019-20	1029-8479	https://link.springer.com/article/10.1007%2FJHEP10%28	Web of Science
Measurement of the average very forward energy as a function of the track multiplicity at central pseudorapidities in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2019-20	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100	Web of Science
Measurements of triple-differential cross sections for inclusive isolated-photon+jet events in pp collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2019-20	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100	Web of Science

Search for anomalous triple gauge couplings in WW and WZ production in lepton + jet events in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2019-20	1029-8479	https://link.springer.com/article/10.1007%2FJHEP12%28	Web of Science
Search for physics beyond the standard model in events with overlapping photons and jets	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2019-20	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett	Web of Science
Study of the $B^+ \rightarrow J/\psi \Lambda \bar{p}$ decay in proton-proton collisions at $\sqrt{s}=8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2019-20	1029-8479	https://link.springer.com/article/10.1007%2FJHEP12%28	Web of Science
Measurement of the top quark polarization and $t\bar{t}$ spin correlations using dilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2019-20	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD	Web of Science

Search for MSSM Higgs bosons decaying to $\mu^+\mu^-$ in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2019-20	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science
Measurement of the top quark Yukawa coupling from ttbar kinematic distributions in the lepton+jets final state in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2019-20	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD	Web of Science
Search for pair production of vectorlike quarks in the fully hadronic final state	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2019-20	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD	Web of Science
Search for long-lived particles using nonprompt jets and missing transverse momentum with proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2019-20	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science

Search for the production of four top quarks in the single-lepton and opposite-sign dilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2019-20	1029-8479	https://link.springer.com/article/10.1007%2FJHEP11%28	Web of Science
Combination of CMS searches for heavy resonances decaying to pairs of bosons or leptons	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2019-20	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370	Web of Science
Search for supersymmetry with a compressed mass spectrum in the vector boson fusion topology with 1-lepton and 0-lepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2019-20	1029-8479	https://link.springer.com/article/10.1007%2FJHEP08%28	Web of Science
Search for vector-like leptons in multilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2019-20	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD	Web of Science

Search for low-mass quark-antiquark resonances produced in association with a photon at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2019-20	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.123.107971	Web of Science
Search for Higgs and Z boson decays to J/ψ or Y pairs in the four-muon final state in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2019-20	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269319345678	Web of Science
Search for anomalous electroweak production of vector boson pairs in association with two jets in proton-proton collisions at 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2019-20	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269319345678	Web of Science
Search for a light charged Higgs boson decaying to a W boson and a CP-odd Higgs boson in final states with $e\mu\mu$ or $\mu\mu\mu$ in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2019-20	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.123.107971	Web of Science

Search for the production of $W^\pm W^\pm W^\mp$ events at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2019-20	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD	Web of Science
Search for resonances decaying to a pair of Higgs bosons in the $b\bar{b}q\bar{q}'\ell\nu$ final state in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2019-20	1029-8479	https://link.springer.com/article/10.1007/JHEP10(2019)1029	Web of Science
Search for new physics in top quark production in dilepton final states in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2019-20	1434-6052	https://link.springer.com/article/10.1140/epjc/s10052-019-7100-1	Web of Science
Constraints on anomalous HVV couplings from the production of Higgs bosons decaying to τ lepton pairs	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. D	2019-20	2470-0029	https://journals.aps.org/prd/abstract/10.1103/PhysRevD	Web of Science

Performance of missing transverse momentum reconstruction in proton-proton collisions at $\sqrt{s}=13$ TeV using the CMS detector	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JINST	2019-20	1748-0221	https://iopscience.iop.org/article/10.1088/1748-0221/14	Web of Science
Search for charged Higgs bosons in the $H^\pm \rightarrow \tau^\pm \nu_\tau$ decay channel in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2019-20	1029-8479	https://link.springer.com/article/10.1007/JHEP07(2019)102	Web of Science
Search for a heavy pseudoscalar boson decaying to a Z and a Higgs boson at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2019-20	1434-6052	https://link.springer.com/article/10.1140/epjc/s10052-019-7100-4	Web of Science
Azimuthal separation in nearly back-to-back jet topologies in inclusive 2- and 3-jet events in pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2019-20	1434-6052	https://link.springer.com/article/10.1140/epjc/s10052-019-7100-4	Web of Science

Pseudorapidity distributions of charged hadrons in xenon-xenon collisions at $\sqrt{s_{NN}}=5.44$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2019-20	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702693(19)30370-2	Web of Science
Measurement of exclusive $\rho(770)^0$ photoproduction in ultraperipheral pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2019-20	1434-6052	https://link.springer.com/article/10.1140/epjc/s10052-019-3400-2	Web of Science
Charged-particle angular correlations in XeXe collisions at $\sqrt{s_{NN}}=5.44$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. C	2019-20	2469-9993	https://journals.aps.org/prc/abstract/10.1103/PhysRevC.100.044907	Web of Science
Measurement of electroweak WZ boson production and search for new physics in WZ + two jets events in pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2019-20	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702693(19)30370-2	Web of Science

Measurement of the differential Drell-Yan cross section in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2019-20	1029-8479	https://link.springer.com/article/10.1007%2FJHEP12%28	Web of Science
Search for an exotic decay of the Higgs boson to a pair of light pseudoscalars in the final state with two muons and two b quarks in pp collisions at 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2019-20	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science
A search for pair production of new light bosons decaying into muons in proton-proton collisions at 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2019-20	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science
Search for dark matter in events with a leptoquark and missing transverse momentum in proton-proton collisions at 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2019-20	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702	Web of Science

Studies of Beauty Suppression via Nonprompt D^0 Mesons in Pb-Pb Collisions at $Q^2=4$ GeV ²	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2019-20	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.107.107901	Web of Science
Centrality and pseudorapidity dependence of the transverse energy density in pPb collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. C	2019-20	2469-9993	https://journals.aps.org/prc/abstract/10.1103/PhysRevC.100.044907	Web of Science
Evidence for light-by-light scattering and searches for axion-like particles in ultraperipheral PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2019-20	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269319345000	Web of Science
Measurement of B_s^0 meson production in pp and PbPb collisions at $\sqrt{s_{NN}}=5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2019-20	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269319345000	Web of Science

Hidden Markov Model based Punjabi to English Machine Transliteration System	Kamal Deep Garg, Umrinderpal Singh, Shivani Gupta	PG. Department of Computer Sciences and Applications	International Journal of Control and Automation	2019-20	ISSN: 2005-4297	http://sersc.org	sersc.org/journals/index.php/IJCA/article/view/40822	Scopus
“Kamagatamaru ate Gurudwara Sudhar Lehar da Angolyia Nayak Bhai Daljit Singh”	Dr. Baljit Singh Virk	P.G. Department of History	Punjab History Conference Patiala	2019-20	ISBN: 978-81-302-0501-4	40822	40822	UGC Approved - 40822
Search for light pseudoscalar boson pairs produced from decays of the 125 GeV Higgs boson in final states with two muons and two nearby tracks in pp collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2019-20	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269319300000		Web of Science
Search for dijet resonances using events with three jets in proton-proton collisions at $\sqrt{s}=13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2019-20	0370-2693	https://www.sciencedirect.com/science/article/pii/S0370269319300000		Web of Science

Study of J/ψ meson production inside jets in pp collisions at $\sqrt{s} = 8$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2019-20	0370-2693	https://www.sciencedirect.com/science/article/pii/S037026931930370-2693	Web of Science
Search for heavy Higgs bosons decaying to a top quark pair in proton-proton collisions at $\sqrt{s} = 13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2019-20	1029-8479	https://link.springer.com/article/10.1007/JHEP04(2019)102	Web of Science
Running of the top quark mass from proton-proton collisions at $\sqrt{s} = 13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2019-20	0370-2693	https://www.sciencedirect.com/science/article/pii/S037026931930370-2693	Web of Science
Measurement of the $t\bar{t}b\bar{b}$ production cross section in the all-jet final state in pp collisions at $\sqrt{s} = 13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2019-20	0370-2693	https://www.sciencedirect.com/science/article/pii/S037026931930370-2693	Web of Science

Production of Λ_c^+ baryons in proton-proton and lead-lead collisions at $\sqrt{s_{NN}} = 5.02$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Lett. B	2019-20	0370-2693	https://www.sciencedirect.com/science/article/pii/S03702693(19)30370-2	Web of Science
Search for Supersymmetry with a Compressed Mass Spectrum in Events with a Soft τ Lepton, a Highly Energetic Jet, and Large Missing Transverse Momentum in Proton-Proton Collisions at $\sqrt{s} = \text{TeV}$	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Phys. Rev. Lett.	2019-20	1079-7114	https://journals.aps.org/prl/abstract/10.1103/PhysRevLett.124.101801	Web of Science
Evidence for WW production from double-parton interactions in proton-proton collisions at $\sqrt{s} = 13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2019-20	1434-6052	https://link.springer.com/article/10.1140/epjc/s10052-019-7000-4	Web of Science
Search for electroweak production of a vector-like T quark using fully hadronic final states	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2019-20	1029-8479	https://link.springer.com/article/10.1007/JHEP01(2019)102	Web of Science

Searches for physics beyond the standard model with the M_{T2} variable in hadronic final states with and without disappearing tracks in proton-proton collisions at $\sqrt{s} = 13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2019-20	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs10044-019-7000-1	Web of Science
Search for a charged Higgs boson decaying into top and bottom quarks in events with electrons or muons in proton-proton collisions at $\sqrt{s} = 13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2019-20	1029-8479	https://link.springer.com/article/10.1007%2FJHEP01%282019%2F028	Web of Science
Search for production of four top quarks in final states with same-sign or multiple leptons in proton-proton collisions at $\sqrt{s} = 13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2019-20	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs10044-019-7000-1	Web of Science
Search for dark matter particles produced in association with a Higgs boson in proton-proton collisions at $\sqrt{s} = 13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2019-20	1029-8479	https://link.springer.com/article/10.1007%2FJHEP03%282019%2F028	Web of Science

Search for direct pair production of supersymmetric partners to the τ lepton in proton-proton collisions at $\sqrt{s} = 13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2019-20	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs10044-019-6052-1	Web of Science
Measurement of top quark pair production in association with a Z boson in proton-proton collisions at $\sqrt{s} = 13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JHEP	2019-20	1029-8479	https://link.springer.com/article/10.1007%2FJHEP03%282019%2F1029	Web of Science
A multi-dimensional search for new heavy resonances decaying to boosted WW, WZ, or ZZ boson pairs in the dijet final state at 13 TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2019-20	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs10044-019-6052-1	Web of Science
Calibration of the CMS hadron calorimeters using proton-proton collision data at $\sqrt{s} = 13$ TeV	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	JINST	2019-20	1029-8479	https://iopscience.iop.org/article/10.1088/1748-0221/15/03/033001	Web of Science

Measurement of differential cross sections and charge ratios for t-channel single top quark production in proton-proton collisions at $\sqrt{s}=13\text{TeV}$	Nitish Dhingra under CMS Collaboration	P.G. Dept. Physics	Eur. Phys. J. C	2019-20	1434-6052	https://link.springer.com/article/10.1140%2Fepjc%2Fs100		Web of Science
Review an evaluation of Public private partnership for infrastructural development with special Reference to Bus Terminals.	Arun Kumar Singla, Dr. AnubhutiModgi	P.G. Department Commerce	Journals of Critical Reviews Vol. 7	2019-20	2394-5125	http://dx.doi.org	http://dx.doi.org/10.31838/jcr.07.06.40	Scopus
Guru Nanak Bani Da Niya Siddhaant	Dr. Baljit Singh Virk	P.G. Department of History	Parishodh	2019-20	2347-6648	UGC care List	UGC care List	UGC Care List
“Ghadar Lehar Parvas to Andolan Tak: Ek Dastan”	Dr. Baljit Singh Virk	P.G. Department of History	Aabru	2019-20	ISSN: 2456-253X	UGC Care List	UGC Care List	UGC Care List

The Akali Dal Politics: Central Legislative Assebly Election (1945)	Dr. Baljit Singh Virk	P.G. Department of History	Juni Khyat	2019-20	ISSN:2278-4632	UGC Care List	UGC Care List	UGC Care List
Relationship of Anaerobic Fitness with Sprint velocity in Sprinters	Dr. Manohar Lal & Kanik	Department of Physical Education	Studies in Indian Place (Spin)	2019-20	2394-3114	https://archives.tprchives.tpnindia.org/index.php/sipn/issue/		UGC Care List
Relationship of muscle strength with Sprint velocity in Sprinters	Kanik & Dr. Manohar Lal	Department of Physical Education	Studies in Indian Place (Spin)	2019-20	2394-3114	https://archives.tprchives.tpnindia.org/index.php/sipn/issue/		UGC Care List
A Co Relational Study of Self Concept and Achievement Inspiration Among Teenage Sports Persons	Dr. Paramjit Kaur	Psychology	Utkal Historical Research Journals	2020-2021	0976-2132	UGC Care List	UGC Care List	UGC Care List

Self Perceptions of Body Image Among Female, Athletes Influenced by the Nature of Sport	Dr. Paramjit Kaur	Psychology	Jijnasa A Journal of the History of Ideas & Culture	2020-2021	0377-743-X	UGC Care List	UGC Care List	UGC Care List
Punjabi Khaslat : Bastivad ton Vartman Sandarbh Vich	Dr. Baljit Singh	History	Sanvad	2020-2021	2395-1273	UGC Care List	UGC Care List	UGC Care List
British Punjab Di Kisani: Gadhar Kavita De Sandarbh Vich	Dr. Baljit Singh	History	Parkh	2020-2021	2320-9690	UGC Care List	UGC Care List	UGC Care List
Search for supersymmetry in proton-proton collisions at $s\sqrt{= 13}$ TeV in events with high-momentum Z bosons and missing transverse momentum	Nitish Dhingra et al (CMS Collaboration)	Physics	Journal of High Energy Physics	2020-2021	1029-8479	https://link.springer.com/article/10.1007/JHEP04(2021)102	https://link.springer.com/article/10.1007/JHEP04(2021)102	Web of Science

Measurement of the Higgs boson production rate in association with top quarks in final states with electrons, muons, and hadronically decaying tau leptons at $\sqrt{s}=13\text{TeV}$	Nitish Dhingra et al (CMS Collaboration)	Physics	The European Physical Journal	2020-2021	1434-6052	https://link.springer.com/article/10.1140/epj/s10044-020-00000-0	https://link.springer.com/article/10.1140/epj/s10044-020-00000-0	Web of Science
Evidence for Higgs boson decay to a pair of muons	Nitish Dhingra et al (CMS Collaboration)	Physics	Journal of High Energy Physics	2020-2021	1029-8479	https://link.springer.com/article/10.1007/jhep07(2020)102	https://link.springer.com/article/10.1007/jhep07(2020)102	Web of Science
Association of Body Dimensions With Performance of Elite Weightlifters	Dr. Manohar Lal Ms. Gaganpreet Kaur	Physical Education	Shodh Sarita	2020-2021	2348-2397	UGC Care List	UGC Care List	UGC Care List
Relationship of Body Composition and Emotional Intelligence With Competition Performance of All India Inter-University Sprinters	Mrs. Surishtha Devi Dr. Sanjay Sharma Dr. Manohar Lal	Physical Education	Shodh Sarita	2020-2021	2348-2397	UGC Care List	UGC Care List	UGC Care List

Association of Body Dimensions With Linear Kinematics of Elite Weight Lifters	Dr. Manohar Lal Ms. Gaganpreet Kaur	Physical Education	Shodh Sarita	2020-2021	2348-2397	UGC Care List	UGC Care List	UGC Care List
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