

DEPARTMENT OF PHYSICS

2022

B.Sc. General in 1980 B.Sc. Hons. in October 1993

Courses Offered

-> Phy. Hons.

-> B.Sc.
Physical
Science

-> **GE**

1993 _ 2010

Annual

2010 Semester

2013 Fyup

NOW READY FOR NEP



2019

CBCS (LOCE)



2016 CBCS

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- Highly Motivated Teachers
 Constant Upgradation
 - 3. Learning new Teaching Techniques
- 4. Engaged in research
- 5. Working in curriculum development
- 6.Comprehensive development of students
- 7. Inculcate scientific temperament in students
- 8. Adaptability in challenging environment like COVID
 - 9. Feedback and addressal of students problems
 - 10. Facilitating different platforms to students

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- 2. Department Management
- 3. Physics Research Lab (recognised by BRS, D.U.)
- 4. Department Library

1. Physics Society

- 5. Updated Lab according to Curriculum
- 6. Teachers' Involvement in Curriculum Development
- 7. U.G., P.G. and Ph.D. Supervision
- 8. Update with Latest Research
- 9. Teachers involvement as Resource Person/Panellist/Contributor
- 10. Learning and implementing with technology advancement

Faculty profile with names, qualification, designation and specialization

Name	Qualifications	Designatio ns	Specialization	Exp. (yrs)	Resear ch Papers 2016- now	Book/ Chapt ers	Total Contributi ons/Book & Chapters till date
Prof. Vandna Luthra	M.Sc, Ph.D (D.U) Post-Doc (6 Months) State Univ of New York, BGM (Raman Fellow) (2014-15)	Professor	Material Sci., Electronics Nanotechnology, Computational Physics, Pedagogy	27	15	2	35/7
Dr. Deepti Lehri	M.Sc, Ph.D (D.U) Post-Doc (DU) – Two Years	Associate Professor	Semi- Conductors	30	-	-	-

Material Sci.,

Pedagogy

Opto electronics

Superconductivity,

Associate

Professor

4

1

8

29

M.Sc, Ph.D (D.U)

(Post-Doc (EMDL,

DU) – One Year)

Dr. Alka

Garg

	Dr. Supreeti Das	M.Sc, Ph.D (I.I.T Kanpur)	Associate Professor	Non- Linear Dynamics	30	1	1	3
	Dr. N. Chandrika Devi	M.Sc, Ph.D (D.U)	Associate Professor	Astrophysics	18	-	-	3
	Dr. Hira Joshi	M.Sc.,Ph.D. (D.U)	Associate Professor	Solid State Physics	18	7	2	14/4
e	Dr. Anita	M.Sc, Ph.D (D.U)	Assistant Professor	Material Science Electronics	12	1	1	5/1
	Mr. Munish	M.Sc (I.I.T. KGP) Ph.D Pursuing from IIT Delhi	Assistant Professor	Solid State Physics	11	-	1	0

Dr. Archana Tripathi	M.Sc (D.U), Ph.D (IIT Delhi)	Assistant Professor	Condensed matter physics	10	8	-	13
Ms. Mansi Agarwal	M.Sc (D.U) Ph.D. Pursuing from IIT Delhi	Assistant Professor	Material Science	8	2	1	3/1
Dr. Manvi Tak	M.Sc., Ph.D (D.U)	Assistant Professor	Material Science	5	2	-	8/1
Mr. Manraj	M.Sc. (CU Kerala) Pursuing from DU	Assistant Professor		3	-	-	

Superannuated Teachers in last five years....



Dr. Indu Dutt 2020



Dr. Nisha Gupta 2017



Mr. Shekhar Chand, Mr. Santosh, Mr. Sushil, Mr. Vinod Dubey, Mr. Sher Bhadur, Mr. Baleshwar Prasad ,Mr. Hemraj, Mr. Sanjeev Kumar (From left to right)

Pradfin

Initiative of Incubation Cell, Physics Department

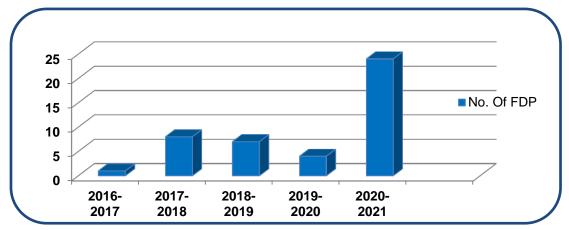


Contributions by Faculty members

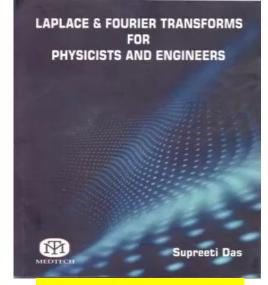
REVIEWER WITH INTERNATIONAL JOURNALS OF REPUTE **EXPERTS TALKS KEYNOTE SPEAKER** PARTICIPATION IN **SYLLABUS UPGRADATION**

INVITED TALKS **SESSION JUDGE** & PANELLIST **ORAL & POSTER PRESENTATIONS** DIFFERENT SOCIETIES OF THE COLLEGE

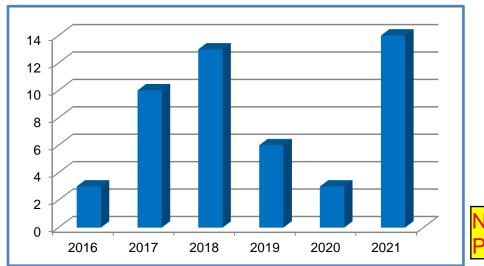
UG and Ph.D. RESEARCH SUPERVISION **AUTHORSHIP OF BOOKS &** PUBLICATION IN **JOURNALS** SUBJECT EXPERTS MENTORING AND SUPPORT TO THE STUDENTS



Number of FDP



One book published



Number of Research Papers/Chapters

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Faculty Awards / Recognitions

Dr. Alka Garg

1. Awarded "Best performing lecturer" by Government of NCT of Delhi in 2020.

Dr. Vandna Luthra

1. Dinabandhu Sahu (IAPT-DSM) Award for the year 2017 on 29th October 2017 at Haridwar by IAPT.

Faculty Achievements

Dr. Vandna Luthra

Supervised 4 Ph.D. students and 2 M.sc. Dissertation.

Supervising 1 Ph.D. student

Dr. Alka Garg

Supervised 1 M.sc. Dissertation.

Co-Supervising 1 Ph.D. student

Dr. Anita

Awarded PhD degree in 2021.

Ms. Mansi Agrawal

ACS Nano Best Poster award at ICONSAT 2018 held at IISc Bengaluru, 21-23 March, 2018.

RESEARCH BASED PEDAGOGICAL TOOLS (RBPT): TRAINING AND ADVOCACY BY FACULTY MEMBERS FROM PHYSICS DEPARTMENT: IN RESONANCE WITH THE GOALS OF NEP 2020

- → Level 1, Level 2 and Level 3 trainings by Physics Faculty members
- → More than 200 UG Teachers were trained by Dr. Alka Garg and Dr. Vandna Luthra as Trainer, Resource Persons & Subject Expert
- → 2 packages were developed in the team on Nanotechnology and Electronics

Initiative by IISER Pune under the Aegis of DBT, Newton Bhabha Fund, PMMMNTT

Dr. Alka Garg and Dr. Vandna Luthra participated in Level 1 Training at IISER Pune (2016)



- Rap-A-Step at Punjabi University, Patiala: Dr. Alka Garg and Dr. Vandna Luthra
- St. Joseph College, Bengaluru: Dr. Vandna Luthra
- Banaras Hindu University, Varanasi: Dr. Vandna Luthra
- · Khalsa College and Gargi College: Dr. Alka Garg and Dr. Vandna Luthra
- Pandit Ravi Shankar University, Raipur: Dr. Vandna Luthra
- Paratbai Chowgule College, Goa: Dr. Vandna Luthra (Daulat Ram College, DU)
- HRDC, integral University, Lucknow: Dr. Alka Garg











RBPT Workshop : Resource Person/Trainer/Observer/Nominee



Level 2 Pune



Lucknow



BHU Varanasi



Gargi & Khalsa College

Projects sanctioned to Teachers

Type of Project	Principal Investigator/ Co-investigator	Department of Principal Investigator	Duration
Innovation Projects	Dr. Vandna Luthra, Mrs. Arshmeet Kaur, Dr. Sundanda Saini	Physics, Mathematics and B.El.Ed.	1 Year (Extended for 6 months)
Innovation Projects	Dr. Aparajita Mohanty,Dr. Jasmeet,Dr. Supreeti Das	Botany and Physics	1 Year (Extended for 6 months)
Minor Project, UGC	Dr. Supreeti Das	Physics	3 Years
NASI (India) Science Society Project	Dr. Vandna Luthra, Dr. Shashi Chawla	Physics	1 Year (Ongoing)
IUAC Project	Dr. Alka Garg	Physics	3 Year (Ongoing)

Physics Research Laboratory

- Recognised by BRS, D.U. thereby granting the status of supervisor to Prof. Vandna Luthra (2003-2004).
- Infrastructure development for research in the field of Material Science for UG and PhD students.
- Synthesis Techniques (Synthesis routes like Solid State Route, Sol-gel, Co-precipitation etc.)
 - High Temperature Furnace
- Ball-milling
 - Pellet pressing
 - Weighing Balance
 - Characterisation Techniques (Temperature Dependent Electrical Characterisation, UV-Vis Spectrophotometer etc.)
- Grants from different agencies that have helped to further develop the lab facilities include DST, UGC-UKIERI, Three Innovation projects & many projects under Star College Grant by DBT.
- 5 PhD students, 2 M.Sc. Dissertations & a large number of UG students have completed projects using these facilities.













TEACHING-LEARNING

- According to academic calendar
- Extensive use of ICT tools (Padlet,

Kahoot, V-lab, Slido, Jamboard,

Xournal, OBS studio etc.)

- e-resources
- Videos and simulations.
- Practical class -hands on experience
 - in various techniques
- Discussion on recent developments
- Seminar presentations
- Exposure of students
- Continuous internal assessment











At Inter University Accelerator Centre



At Inter University Accelerator Centre (2018)



At Inter University
Accelerator Centre
(2017)



At Inter University
Accelerator Centre
(2019)



At Nehru Planetarium (2018)



At Inter University
Accelerator Centre
(2020)

Visits to Research/ Academic Institutes

WORKSHOPS CONDUCTED BY PHYSICS DEPARTMENT



Robotics Workshop, 2017



Lecture Series cum Workshop, 2017



Workshop on Enhancing
Mathematical and
Computational Skills,
2021

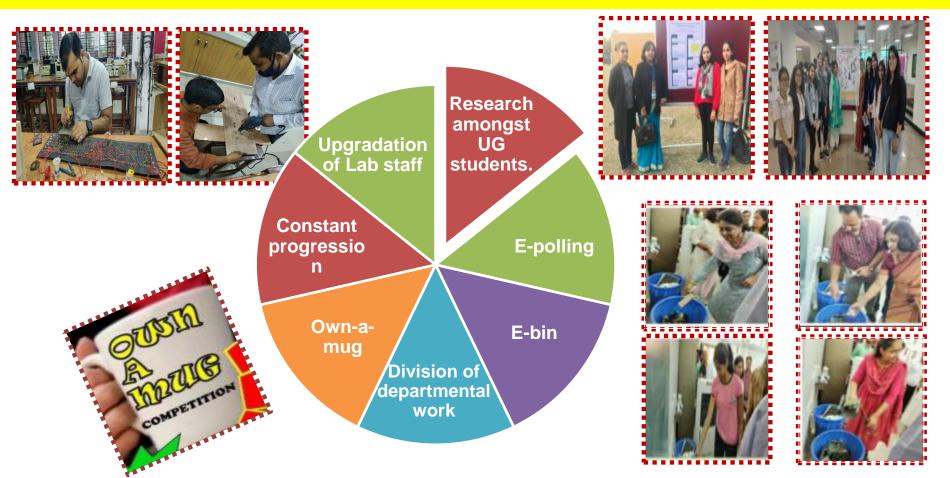
Summer Workshops (2017-2019)







GOOD PRACTICES



E-FRIENDLY INITIATIVES

Initiative

Own A Mug



E-Waste Collection



- Talks with Experts
- Competition



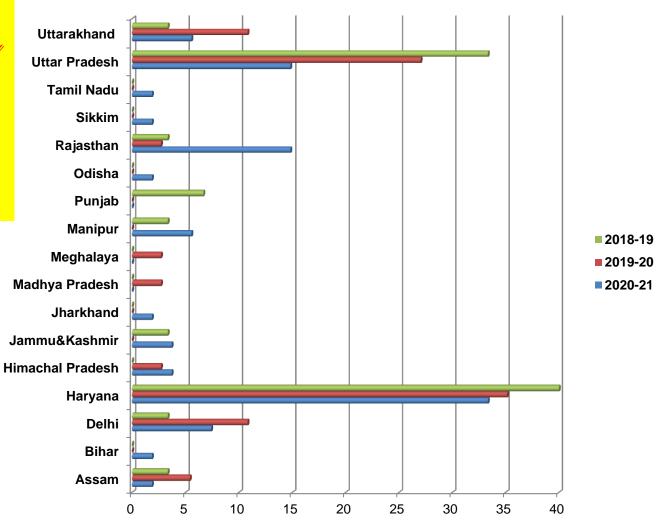




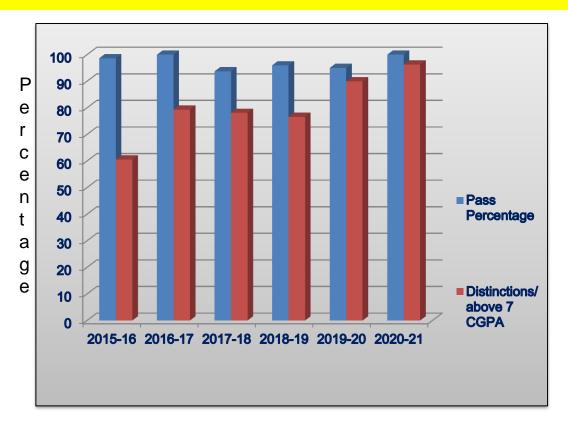


e-Waste Collection & Awareness Drive 18th -25th September 2018

DIVERSITY OF STUDENTS



RESULTS



GARGI YEAR WISE

UNIVERSITY TOPPERS

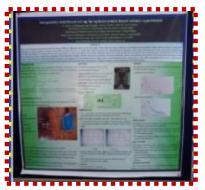
				Position in	
Year	Name	Marks/ CGPA	Year	College	Position in University
2017-18	Simmie	3459	Third	1st	2nd
2017-18	Vrinda Garg	3355	Third	2nd	5th in south campus
2017-18	Ayushi Tyagi	9.14	first	1st	6th in south campus
2017-18	HIMANI	9.46	second	1st	5th in south campus
2017-18	NEETU VERMA	9.46	second	1st	5th in south campus
2017-18	SUNITI	9.46	second	1st	5th in south campus
2018-19	MUSKAN KHANNA	9.89	second	1st	3rd
2018-19	ARJYAMA	9.79	second	2nd	5th
2018-19	JYOTISMITA	9.71	second	3rd	7th
2018-19	HIMANI SHARMA	9.324	Third	1st	5th in south campus
2018-19	Sangeeta	9.324	Third	1st	5th in south campus
2018-19	SHIVANI SHARMA	9.27	Third	2nd	7th in south campus
2019-20	RITIKA PANDEY	10	Second	1st	1st
2019-20	SHABANA KHATOON	9.89	Second	2nd	2nd
2019-20	KASHISH BHATIA	9.79	Second	3rd	4th
2019-20	MUSKAN KHANNA	9.743	Third	1st	3rd
2019-20	ARJYAMA BORDOLOI	9.703	Third	2nd	5th

UNDERGRADUATE RESEARCH GUIDANCE



















Preetisha Goswami

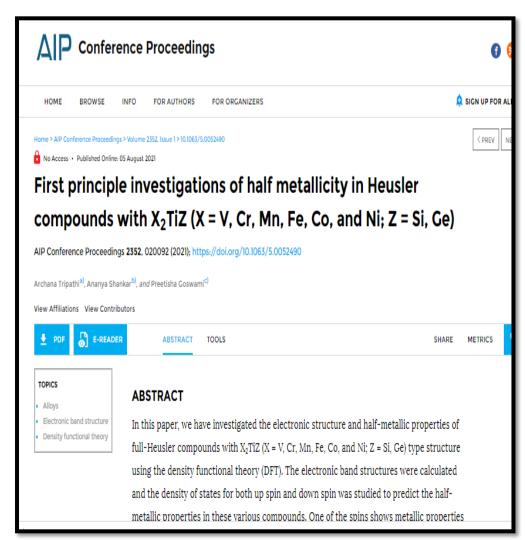
- Participated and presented papers in 2 conferences
- Received best oral presentation award in conference ICRAMC-2021



Ananaya Shankar

 Participated and presented papers in 2 conferences

Both of them have published one paper in AIP conference proceedings with one faculty memeber



Under-Graduate Research

Cadmium Iodide as a Gamma Ray Sensor (2015-16) BY Vrinda Garg and Purvi Asthana

TGS crystal growth (2015-16) by Deepshikha

Synthesis of ZnO nanoparticles doped with chromium and their XRD study (2015-16) by Ekta Singh, Sejal Mahajan and Shubhi Giri

Automation of LEDs using PHOENIX (IUAC) and PYTHON (2015-16) by Prapti Bajaj, Divya Aggarwal and Hina Singh

10 UG students were supervised for innovation project in association with Dr. Arshmeet and Dr. Sunanda Saini(2016-17) by Simmie Jaglan, Shivani Dashmana, Anshul, Neha Malik, Meenakshi Uniyal, Apoorva Singh, Mansi Pal, Karuna, Avantika Bharadwaj

Fabrication of a capacitor and evaluation of capacitance using interfacing device, Expeyes Junior (IUAC) by Ayushi Tyagi, Rupal and Asma

Interdisciplinary project "Progression dynamics of Ross River Fever through Susceptible- Infected- Recovered Mathematical Model" by "Prarthana Pasricha Jyoti Singh, Vidhi Jangid and Leimapokpam Nancy Chanu

Synthesis of compound Bi-Sr-Ca-Cu-O and study of its normal modes through Raman Spectroscopy (2017-18) BY Bharti (3rd year Physical Science) and Chehek(3rd year Physical Science)

Density functional theory {Bandwidth study of Full Heusler compounds Ru2YZ ((Y=Fe, Mn, Ti, Cr) (X = Si, Ge))} (2017-2018) by Ananya Bansal and Shruti Gupta

Performance analysis of passive single slope solar still for cold climatic conditions (2018-19) by Vani Malik and Ektapreet Kapoor

Performance analysis of passive single slope solar still for hot climatic conditions (2018-19) by Srishti Bishnoi and Jahnabi

Synthesis and electrical characterization of Bismuth iodide composite for photovoltaic applications (2018-19) BY Himani and Muskaan

Understanding of image processing and communication with the help of software (2019-20, 2020-21) BY Kashish

Ross River: An SIR Model (2019-2020) BY Jyoti, Leimapokpam Nancy Chanu, Prarthna Pasricha and Vidhi (presented the work at a Conference held at JMI)

Density functional theory to study DOS and bandstructure of full Heusler compounds) (2019-2020) by Ananya Shankar and Preetisha Goswami (published paper in AIP conference proceedings)

Half metallicity in full Heusler compounds. (2020-21) by Ananya Shankar and Preetisha Goswami

The Physics Society

Quasar
The Physics Society
(Events and Activities)

EVENTS/INVOLVEMENTS

Summer Workshop Formation of union Inaugural Lecture

Career Guidance Session

Freshers' Orientation

Quiz

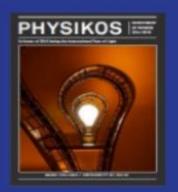
Lecture

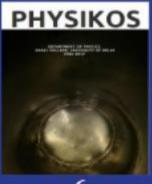
Farewell

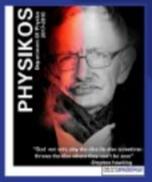
Magazine

Interaction with Alumni



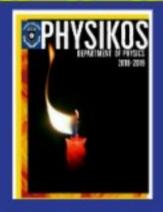


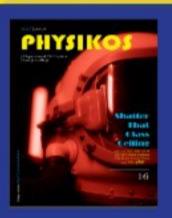


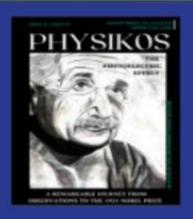


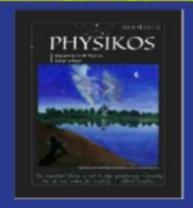
2014-16 2016-17 2017-18

PHYSIKOS - DEPARTMENTAL MAGAZINE









2018-19 2019-20 2020-21

2021-22

Glimpses: 2016-2017



Inaugural Lecture: Prof. Shubha K. Gokhale (IGNOU), Jan. 10-11, 2017



Physicharades



Physics for Society Inaugural Talk: Prof. R. K. Kotnala (NPL)



2-day National Level Workshop cum Championship on i-Senso Robotics in collaboration with e-Cell IITB and Robokart Jan. 10-11, 2017



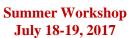
"Lecture Series cum Workshop" on the theme "Physics and Society" in association with NASI ,Mar. 23, 2017



Scintillations 2017: Events by Physics Department

Glimpses: 2017-2018







Inaugural Lecture: Prof. Neeraj **Khare (IIT Delhi) July 18-19, 2017**





PHYSITANKSHRI Jan 13, 2018



Nehru Planetarium visit. accompanied by Prof. Vandna **Luthra Feb 28, 2018**



Cartoon Making Competition



2nd position in March past, Annual Sports Day

Glimpses: 2018-2019



Summer Workshop July 18-19, 2018



Inaugural Lecture: Prof. Binay Kumar Sept. 12, 2018



Own-a-mug, Sept. 12, 2018





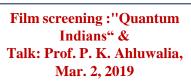
Talk: Dr. Atya Kapley & Tree Plantation Drive, Sept. 25, 2018





Talk: Prof. Daksh Lohiya, Jan. 11,2019





Glimpses: 2019-2020



Summer Workshop July 18-19 2019



Talk: Dr. Dinakar Kanjilal (IUAC) Sept. 11,2019



E-Bin initiative Feb. 2020.







Screening of Cosmos Ep. 1 Jan. 24 2020



Visit to IUAC Feb. 28 2020



March Past Winners Feb. 2020.

Glimpses: 2020-2021











Astronomy Quiz

Dec. 28 2020

Prof Rajmal Jain,

1st virtual inaugural lecture: Nov. 8, 2020

Clink n Blink: The **Photography Competition** Dec. 28 2020



Ouiz Bee Feb. 28, 2021

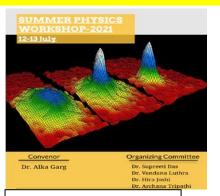


Annual Talent Show Dec. 30 2020



Enhancing Mathematical and Computational Skills using Spread sheets

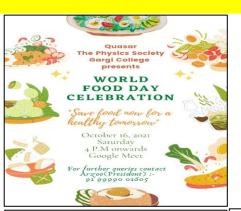
Glimpses: 2021-2022



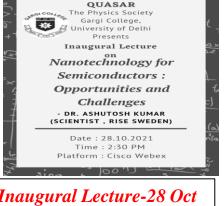
Summer Workshop-12-13 July



Freshers' Orientation- 22 Nov



World Food Day-16 Oct



Inaugural Lecture-28 Oct



Quiz- 16 Jan

Paper Presentation - 28 Feb



Alumni Interavtion-21 Nov



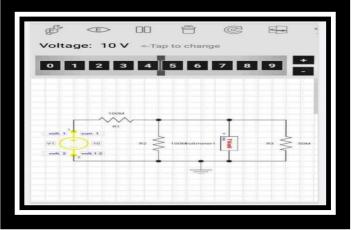
Meme making competition

PANDEMIC TIME

LAB EXPERIMENTS

- ☐ Online lab experiments have been performed using Vlab from Amrita Vishwavidyalaya and IIT Kharagpur site.
- □ ECS (Electronics Circuit Studio) was used to make circuits for better understanding.
- ☐ Scilab was taken on Cloud.
- □ Also mobile version of C++ has been used for coding so that it will be easy for those who were not reachable to laptop.
- □ Videos from you tube were also used to improve the concepts and to show the practical procedures.



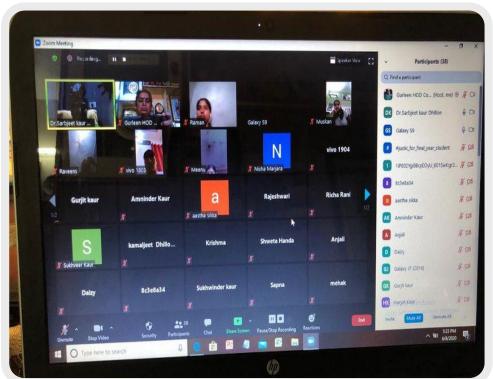


RECORDED CLASSES

- ☐ All lectures were recorded and have been uploaded so that students who missed their classes can also cope up to the syllabus.
- □ Also in labs we played videos of performing experiments and gave instructions on how to do the experiment.

DOUBT SESSION

☐ Doubt classes have been taken apart from regular lectures.



Challenges faced by the students/teachers in general and in pandemic

- Internet connectivity problems.
 - Laptops were non accessible to students from remote places
 - Lack of knowledge about using computer software.
 - Purchasing of new laptops/tablets.
 - Screen fatigue
- Maintaining reading habits post COVID.

MEASURES TAKEN DURING PANDEMIC TO HELP THE STUDENTS

- □ Remedial classes
 - Virtual lab experiments
- □ Demonstrations for using software like ECS, Scilab, microprocessor etc.
- □ FDPs for digital upgradation
- One to one discussions of teachers with students.
- Video lectures or recorded Gmeet lectures were made and shared.
- Youtube video shared related to many topics of the syllabus.

Physics Laboratory Upgradation

Books were added in the departmental library by Alumni and Superannuated teachers of Physics department.

Redesigning of physics laboratory to add more storage space in the existing laboratory.

Addition of Instruments for effective running of lab and exam.

Deep cleaning of electronic instruments like CRO, power supplies etc. by the lab staff after college reopening.

March Past Winners: 2020



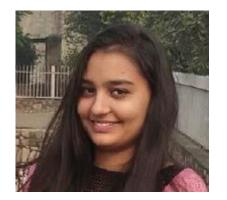
Students Achievement: Sports

- Racing
- Volleyball
- Long Jump
- Kho-Kho
- ❖ March Past



Ravina Sihag

- 1st (Gold Medal) in Long Jump at Delhi State Athletics Championship
- 3rd (Bronze Medal) in Triple Jump at Delhi State Athletics Championship
- 1st (Gold Medal) in Medley Race at North Zone Athletics
 Championship
- 2nd (Silver Medal) in Triple Jump at North Zone Athletics Championship
- 3rd (Bronze Medal) in Long Jump at North Zone Athletics Championship
- 1st (Gold Medal) in Triple Jump at North Zone Athletics Championship



Pratibha

- Gold medal at Bits pilani BOSM2018.
- Silver medal in relay race 4×400m at sports day
- Gold medal at JIIT, Noida

LEARNING BEYOND CLASSROOM

Names of students-	Name of the Organization-
Ananya Gupta(2019-20)	1. NGO- Navaagat
	2. Internshala training on data science challenge
Krati (2019-20)	India Redifined
Sonali Bharadwaj (2019-20)	1.Hareen Team Work
	2.Social media marketing intern at sunschool
Tanya (2019-20)	1.Jindal Trianing Company (HR business development)
	2.Virtual intern in Kind Beings
	3. Marketing intern in Kind Beings
	4. Campus Ambassdor internship at internshala
Yukta (2019-20)	Brand Associate internship at Baywise
Kalpana (2019-20)	HCL and Shiv Nadar Foundation at strategy office
Riya Verma (2019-20)	1.YOURSHELL Internship program
	2.Social Media Marketing at Bling stores
Vrinda Garg (2016-17)	Summer research fellowship programme

STUDENT PROGRESSION (COMPETITIVE EXAMS CLEARED)

2016-2017 2017-2018 2018-2019 2019-2020 2020-2021

Percentage

50 45

40

35 30

25

20

15 10 5



Higher

Others

JAM (%)

10.34

32.43

14.81

Higher Education

%)

%)

CAT(GATE(GRE(NET(IELET

%)

13.79 3.45 6.9 3.45

%)

9.38

3.33

(%)

10

Other

examination s conducted

by the State

/ Central Government Agencies (%)

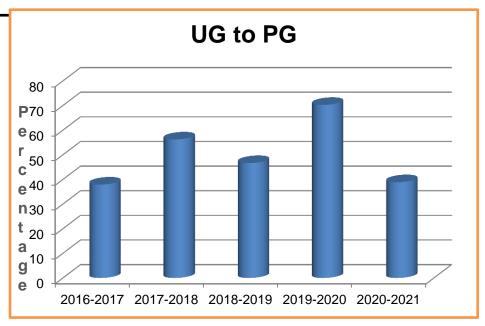
6.25



Year

Student Progression (against % enrolled)

Student Progression	2016-2017	2017-2018	2018-2019	2019-2020	2020-2021
UG to PG	37.93	56.25	46.67	70.27	38.89
PG to PhD	17.24	-	-	NA	NA



All rounder Student-2018



- → Good Academic Record
- →NCC Cadet Corp
- →State level and North zone championship in sports (Race and Long Jump).

CURRENTLY POSTED AS DEFENCE
PERSONNEL IN INDIAN AIR FORCE AS
FLYING OFFICER

RAVINA SIHAG (2015-18)
Dr. Chaya Biswas award 2018



Dr. Indira Sulania (2003)



(2012)Young Scientist (AIIMS)



Varsha Yadav (2013)Asst. Professor (DU)



Bani Nanda(2013) Owner/Head Chef at



Jyoti (2014) **Assistant** Professor (DU)



Palak Kapoor (2018) Varroc Engineering Pvt.

Ltd. Pune



Khushwinder Kaur (2015)Accenture



Abhilasha Saini (2014) Hospital Physicist at Næstved University Hospital



Meghna Acharjee (2013)Senior User Assistance Developer at Oracle



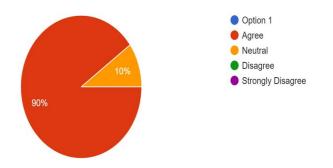
Assistant Editor, Journals Peer Review at Taylor & Francis Books India Pvt. LTD.

PLACEMENT

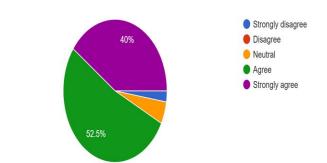
	Name of		Pay package at
Year	Student	Name of The employer	appointment
2016	Mansi Singh	Punjab National Bank	8 LPA
2016	Divya Dixit	Punjab National Bank	3.6 LPA
2016	Namrata Bhatia	Novartis	3.5 LPA
2016	Shivani Pandey	Vedantu Pvt Ltd	3.3 LPA
2016	Poorvi	NIIT	2.01 LPA
2017	Udisha Shukla	Trident Group, India	15 LPA
			Rs. 9300-34800 with Grade
2018	Pragati Goel	ACME Global School	pay 4800
2018	Ayushi Gupta	Deloitte	6.5 LPA
2018	Palak Kapoor	Varroc Engineering Lmt.	1 LPA
2020	Parul	Freeskout	3.0 LPA
2020	Sonali Bhardwaj	Siddhartharya.com	2.5 LPA
2020	Megha Kandari	Zomato	3.9 LPA

DEPARTMENT FEEDBACK

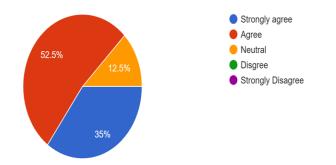
- 1. Teachers explain the objectives of the paper you attended.
- 40 responses



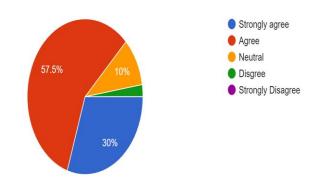
2. Teachers are punctual and take classes regularly.
40 responses



- 3. Teachers encourage you to interact freely and are open to discuss your queries in and outside the classroom.
- 40 responses

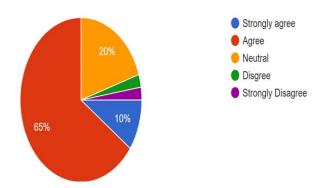


- 4. Teachers are familiar with technology and use ICT infrastructure and e-resources.
- 40 responses



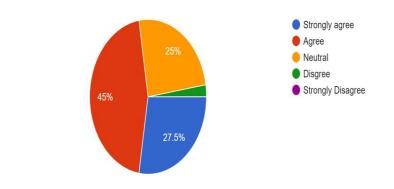
5. Curriculum is up to date and teachers discuss higher education opportunities in your program.

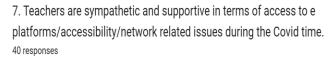
40 responses

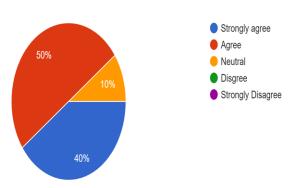


6. Teachers are supportive of extracurricular activities and mentor students on all aspects.

40 responses

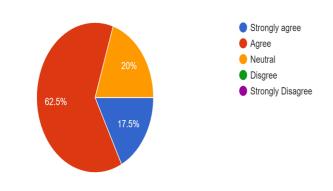






8. Teachers provide you opportunities and guidance to plan events in your societies and in your college festivals.







physgargi + 20 • 1yr

Enhancing Mathematical and Computational Skills using Spreadsheets

Workshop

Thanks for organizing such a wonderful workshop. I learnt a lot in last seven days and as Prof. P K Ahluwalia Sir pointed that this is the starting not the end, I will try to ease my life wherever possible by using the this knowledge about spreadsheet.

It's was a very informative workshop got to learn how amazing spreadsheets is !!!

-Yashika Thakran

Please write your names with the feedback

Very informative and learn alot of new things.

- Tamanna Jangid

Spreadsheets are life line of any Documentation and Numerical calculations. I Thanku for such an interesting workshop. Have learnt so much in these 7 days!!

-Vanshika Kalra

Amazing session,kept our attention till the end of day. Thankyou this is such a fun and informative session Aditi.

The one thing that I learnt from this workshop is I can do whatever I want using worksheets and I'm going to get a great benefit from this workshop.

Priyanka (student, Gargi college)

Its my pleasure to join such an amazing workshop. Its really a wonderful experience. It was a very informative one week. Explored quite new things in excel and google sheets. Looking forward to such great workshops.

-Anchal

Very informative and enjoyable workshop

Asmita Surve

I never thought that we can stimulate radioactive decay from a set of dies ,generate the value of pi from a collection of matchstick and paper.

THANK YOU MAM ABHINAV KRISHNAN

Feedback and your experience in one sentence as

amazing workshop different from usual workshops

It's my pleasure to enjoy and

learned the Spreadsheet through a beautiful journey. Thank you so much. Waiting for future similar kind of workshop. Smritimoy Chakraborty

Totally enjoyed and learnt a lot from

this amazing experience. Thanks a lot

-Megha Kandari (Student,Gargi College)

for conducting this workshop.

Absolutely enjoyed the workshop a lot, I didn't know that spreadsheets had such a wide variety of applications, especially the importance of Very interesting and informative session. Great experience. Looking forward to such workshops. -Preetisha

Thank you so much for the most interesting and inspiring workshop! I didn't only enjoy it but have tried to practise it.Now I feel more confident to do something.

-Neha Saini (Student,Gargi College)

Splendid

Goswami

It was a Great experience. I learnt a lot of new features and I'm sure these are gonna help me in future a lot. Payal Makhija

Spreadsheets are one of the greatest, most powerful, most important software applications of all time. Got so

STRENGTHS

Well equipped labs with various specialized facilities.

Diverse skills of the individual faculty members for theoretical and experimental fields.

Collaboration with inter-departmental, intra-, inter college, local scientific institutes as well as international universities.

Peer support to students on diverse fields.

Teaching beyond curriculum

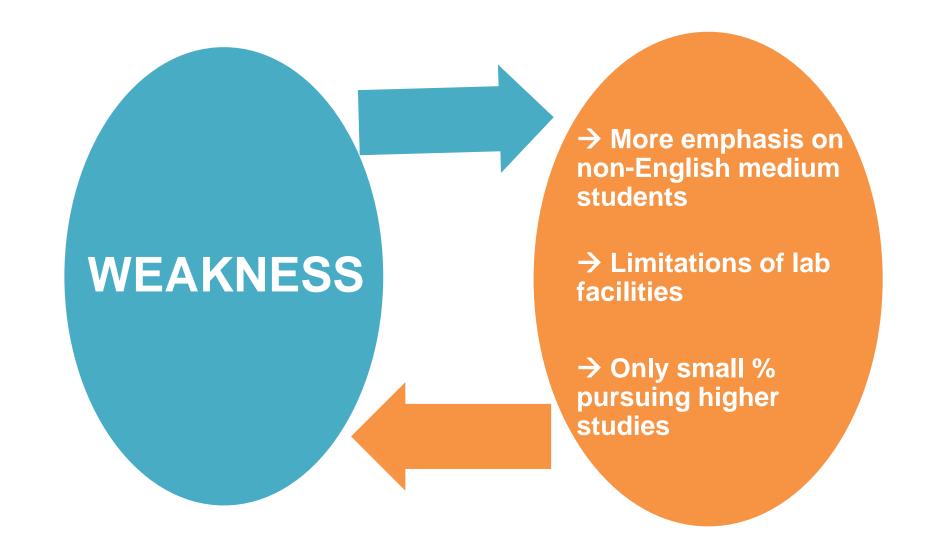
Faculty and staff development

PhD Supervision

OPPORTUNITIES

Upgrading research facilities

Training/ career counselling students Collaboration with national and international universities



Catering to diverse students

Collaboration with industries

CHALLENGES

More Eco friendly campus

Upgrading of safety measures and disposals (chemical)

Future Plans

Emphasis on digital literacy as a mission

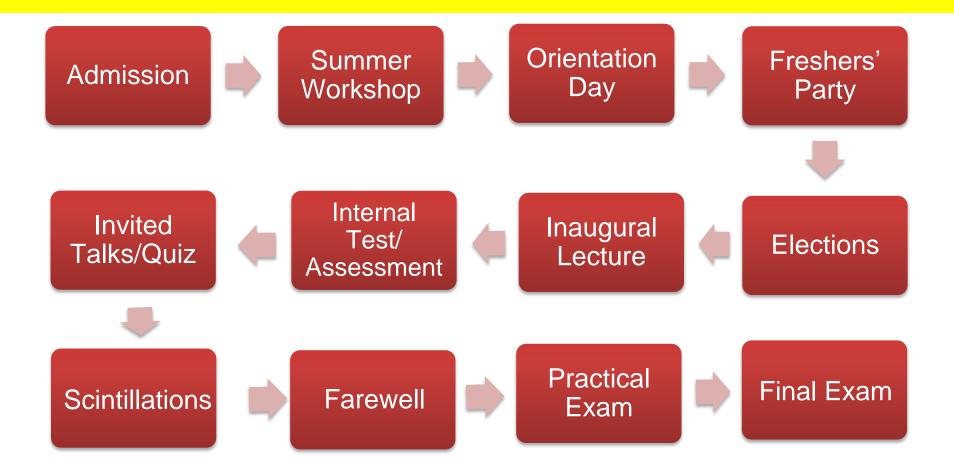
Undergraduate research: Up gradation of instruments, facilities and approach

Continuing teaching beyond curriculum like summer schools/ workshops, conferences and seminars etc.

Faculty and staff development with special reference to skill and technical enhancement.

Continuing national and international co-operation with other countries.

PLANNER



THANK YOU

List of FDP/Webinars/Seminars/Workshop/Orientation program/FIP

	Dr. Supreeti Das	National Workshop on Nanotechnology: Emerging Frontiers & Applications		30-01-2017 to 31-01- 2017
	Dr. Alka Garg	Research as Pedagogy a science Teacher Education Program	Indian Institute of Science Education and Research	
2016-2017	Dr. Vandna Luthra	Research as Pedagogy a science Teacher Education Program	Education and Research	29-09-2016 to 01-10- 2016
	Dr. Vandna Luthra	Research as Pedagogy a science Teacher Education Program	Education and Research	01-03-2017 to 04-03- 2017

2017-2018	Dr. Alka Garg	STEM Teacher Training Workshop to Develop Research Pedagogical Tools	06-12-2017 to 08-12-2017
2017-2018	Dr. Vandna Luthra	Research as Pedagogy- A science Teacher Education Program	09-05-2017, 18-08-2017 to 19-08- 2017
2017-2018	Dr. Vandna Luthra	STEM Teacher Training Workshop to Develop Research Pedagogical Tools	07-10-2017 to 09-10-2017
2017-2018	Dr. Vandna Luthra	Research based Pedagogical Tools	17-11-2017 to 19-11-2017
2017-2018	Dr. Vandna Luthra	Prohibition on open burning of any kind of material-A small step targeting big impact	14-07-2017
2017-2018	Dr. Archana Tripathi	Introduction to Gaussian: Theory and Practice	08-01-2018 to 12-01-2018
2017-2018	Dr. Supreeti Das	Introduction to Gaussian: Theory and Practice	08-01-2018 to 12-01-2018
2017-2018	Dr. Vandna Luthra	Introduction to Gaussian: Theory and Practice	08-01-2018 to 12-01-2018
2017-2018	Dr. Deepti Lehri	Research as Pedagogy- A science Teacher Education Program	09-05-2017, 18-08-2017 to 19-08- 2017
2017-2018	Dr. Hira Joshi	Introduction to Scilab	22-09-2017 to 23-09-2017
2017-2018	Ms. Mansi Agrawal	Introduction to Scilab	22-09-2017 to 23-09-2017
2017-2018	Dr. Deepti Lehri	Introduction to Scilab	22-09-2017 to 23-09-2017
2017-2018	Dr. Vandna Luthra	Introduction to Scilab	22-09-2017 to 23-09-2017
2017-2018	Dr. N Chandrika Devi	Refresher Course in Winter School (Inter- Disciplinary)	28-11-2017 to 19-12-2017
2017-2018	Dr. Hira Joshi	Faculty Development Programme on Applied Physics	14-12-2017 to 15-12-2017

2018-2019	Dr. Alka Garg	National workshop " commission for Scientific and Technica; Terminology"	14-03-2019 to 16-03-2019
2018-2019	Dr. Alka Garg	Research based Pedagogical Tools	23-10-2018 to 25-10-2018
2018-2019	Dr. Alka Garg	Research based Pedagogical Tools	20-01-2019 to 23-01-2019
2018-2019	Dr. Vandna Luthra	Research based Pedagogical Tools	20-01-2019 to 23-01-2019
2019 2010	D. Llive locki	E-learning, Moocs and ICT Tools	02 07 2018 to 07 07 2018
2018-2019	Dr. Hira Joshi	for Blended Learning	02-07-2018 to 07-07-2018
2018-2019	Dr. Vandna Luthra	Faculty Development Program on MOOCS	17-11-2018
2018-2019	Dr. Vandna Luthra	Climate across the Curriculum: Resources for integrating climate topics in Discipline Specific Teachings	13-10-2018 to 14-10-2018
2018-2019	Dr. N Chandrika Devi	Entrepreneurship, Motivation & Leadership	24-12-2018 to 30-12-2018
2018-2019	Dr. N Chandrika Devi	Advancements in Integrated Sciences: Learning & Adaptation for Effective Teaching and Research	10-12-2018 to 16-10-2018
2018-2019	Dr. Munish	DISABILITIES STUDIES: PERSPECTIVES AND EMERGING TRENDS	17-12-2018 to 23-12-2018
2018-2019	Dr. Munish	Entrepreneurship, Motivation & Leadership	24-12-2018 to 30-12-2018
2018-2019	Dr. N Chandrika Devi	Refresher Course in Contemporary Studies (interdisciplinary)	31-12-2018 to 25-01-2019
2019-2020	Dr. Munish	114TH Orientation Programme	15-07-2019 to 02-08-2019
2019-2020	Dr. Vandna Luthra	MOOCs and e-Content Development	13-07-2019 to 17-07-2019

2019-2020	Dr. Deepti Lehri	FIGHTING PANDEMICS WITH ARTIFICIAL INTELLIGENCE	29-05-2020
2019-2020	Dr. Deepti Lehri	Online lecture series	20-06-2020
2019-2020	Dr. Supreeti Das	Online Teaching and Learning Technology	27-04-2020
2019-2020	Dr. Supreeti Das	Learning Physics, Opportunities and Difficulties	26-06-2020
2019-2020	Dr. Supreeti Das	Art and Science of mentoring	01-06-2020
2019-2020	Dr. Supreeti Das	Open Educational Resources	21-05-2020
2019-2020	Dr. Supreeti Das	Managing Challenges and exploring opportunities	09-05-2020
2019-2020	Dr. Supreeti Das	Staying centred with Medidation and Pranayam	23-05-2020
2019-2020	Dr. Supreeti Das	Preventative Health care diagnostics platforms based on micro nano technologies	30-05-2020
2019-2020	Dr. Supreeti Das	Material Science Technology and Society	08-05-2020 to 09-05-2020
2019-2020	Dr. Supreeti Das	Enhancing quality and visibility of research output of faculty and researchers	16-05-2020
2019-2020	Dr. Supreeti Das	Faculty Development Programme	01-06-2020 to 06-06-2020
2020-2021	Dr. N Chandrika Devi	DIGITAL TEACHING TECHNIQUES	29-06-2020 to 04-07-2020
2020-2021	Dr. N Chandrika Devi	ICT ENABLED TEACHING LEARNING	07-09-2020 to 13-09-2020
2020-2021	Dr. Vandna Luthra	Exploring New Frontiers of Learning	01-07-2020 to 02-07-2020
2020-2021	Dr. Vandna Luthra	FDP on Scilab	23-09-2020 to 29-09-2020
2020-2021	Dr. Archana Tripathi	DIGITAL TEACHING TECHNIQUES	29-06-2020 to 04-07-2020

2020-2021	Dr. Deepti Lehri	Webinars on COVID-19: Management & Simulation Effort	s02-07-2020 to 03-07-2020
2020-2021	Dr. ALka Garg	Learning Physics with Conceptual & Problem-based Approach	27-07-2020 to 11-10-2020
2020-2021	Dr. ALka Garg	Characterization techniques and data analysis tools in material science	02-09-2020
2020-2021	Dr. ALka Garg	UG Level Computational Physics Practical Using Python	04-01-2021 to 09-01-2021
2020-2021	Dr. Supreeti Das	New Chemistry and Physics in Magnetic oxides	03-07-2020
2020-2021	Dr. Supreeti Das	Wave Optics Lecture Series, Polarization	11-07-2020
2020-2021	Dr. Archana Tripathi	UG Level Computational Physics Practical Using Python	04-01-2021 to 09-01-2021
2020-2021	Dr. N. Chandrika Devi	Programming and Software Tools For UG Courses	19-03-2021 to 21-03-2021
2020-2021	Dr. Archana Tripathi	Enhancing Mathematical and Computational Skills using Spreadsheets	21-02-2021 to 27-02-2021
2020-2021	Dr. Archana Tripathi	Challenges of Teaching Physics Laboratory Courses in Online mode	23-01-2021 to 25-01-2021
2020-2021	Dr. Archana Tripathi	Staying Nourished with Correct Nutrition	29-05-2020
2020-2021	Dr. Archana Tripathi	DIGITAL TEACHING TECHNIQUES	29-06-2020 to 04-07-2020
2020-2021	Dr. Archana Tripathi	Staying Mobile with Lifestyle Interventions	25-05-2020
2020-2021	Dr. Vandna Luthra	Simulation in Physics	10-07-2020 to 12-07-2020
2020-2021	Dr. Vandna Luthra	Challenges of Teaching Physics Laboratory Courses in Online mode	23-01-2021 to 25-01-2021
2020-2021	Dr. Vandna Luthra	Elements of Quantum Computing	12-03-2021 to 14-03-2021
2020-2021	Dr. Vandna Luthra	Programming and Software Tools For UG Courses	19-03-2021 to 21-03-2021
2020-2021	Dr. Vandna Luthra	FDP on Scilab	23-09-2021 to 29-09-2021

2020-2021	Dr. Vandna Luthra	UG Level Computational Physics Practical Using Python	04-01-2021 to 09-01-2021
2020-2021	Dr. Vandna Luthra	Artificial Intelligence	03-04-2021 to 06-04-2021
2020-2021	Dr. Vandna Luthra	Big Data Analytics	19-04-2021 to 23-04-2021
2020-2021	Dr. Vandna Luthra	Python Programming	26-04-2021 to 30-04-2022
2020-2021	Dr. Hira Joshi	Emerging Trends in Nano-Electronics	21-08-2020 to 25-09-2020
2020-2021	Dr. Hira Joshi		24-08-2020 to 29-08-2020
2020-2021	Dr. Hira Joshi	Recent Trends in Advanced materials & Devices	21-2Sep
2020-2021	Dr. Hira Joshi		14-11-2020 to 15-12-2020
2020-2021	Dr. Hira Joshi	Transformation in Higher Education: Issues and Road Ahead	28-09-2020 to 12-10-2020
2020-2021	Mansi Agrawal	UG Level Computational Physics Practical Using Python	04-01-2021 to 09-01-2021
2020-2021	Dr. Anita	Transformation in Higher Education: Issues and Road Ahead	28-09-2020 to 12-10-2020
2020-2021	Dr. Anita	Research Methodology	1 st Oct 2020 to 15 th Oct 2020
2020-2021	Dr. Anita	Development of Teacher's e-kit and MOOCs in Four Quadrant Format of e-Content	12 th Sept -20 th Sept 2020
2020-2021	Dr. Anita	Advanced Pedagogical Techniques	29th Oct to 5th Nov 2020
2020-2021	Dr. Anita	Digital Pedagogy to enhance teaching and learning experience	15 th Dec to 21 st Dec 2020
2020-2021	Dr. Anita	Faculty in Universities/Colleges/Institutions of Higher Education	10 th Nov-9 th Dec 2020
2020-2021	Dr. Anita	ICT - based Learning and Developing MOOCs for Teaching Process in Higher Education	29 th DEC to 4 Jan 2021

List of Research Papers/Chapters/Books

Name of the

Year	teacher	Title of the book/chapters published	Name of the publisher
Jan 2017- Dec 2017		Advanced Solar-Distillation Systems Basic Principles, Thermal Modeling, and Its Application	Springer, Singapore
	Supreeti Das	Laplace and Fourier Transforms for Physicists and engineers	MED-TECH
		Exergy and Technoeconomic Analysis of Solar Thermal Desalination	Elsevier
	Vandna Luthra	Tuning operating temperature of BaSnO3 gas sensor for reducing and oxidizing gases	AIP Conference Proceedings
Jan 2018- Dec 2018		Modulating Structural, Optical and Electrical Properties of Zinc Oxide by Aluminium Doping	Springer International Publishing
	Neha Sarin, Sachin Kumar, Ivan P. Parkin and	Influence of Humidity on the NO2 Sensing Properties of SrCo0.1Ti0.9O3	Springer International Publishing
	R. Mehta and R.	Effect of Surface Treatments on the Evolution of Microstructures in GaN Thin Films and GaN/AlGaN/GaN Heterostructures	Springer International Publishing

	Hira Joshi	Composite Nanostructures for Enhanced Plasmonics	
			Materials Science Forum
	Hira Joshi, N. Kamal	Plasmonic response of gold nanoparticle in ZnO-Au	
Jan 2019- Dec	Singh and S.	hybrid structure	AIP Conference
2019	Annapoorni		Proceedings
	Richa Jain, Vandna Luthra and Shubha Gokhale	Dysprosium doping induced correlated electrical and optical behaviour of magnetite nanoparticles	AIP Conference Proceedings
Jan 2020- Dec 2020	Hira Joshi	Optical properties of plasmonic nanostructures	AIP Conference Proceedings
	Hira Joshi	Comparative study of optical constants of nanocomposites	AIP Conference Proceedings

Ph.D. Guidance

Under Dr. Vandna Luthra

- 1. Dr. Rajveer Singh "Investigations on Strontium Bismuth Niobate Ferroelectric Ceramic" (Awarded)
- 2. Dr. Anita: Studies on Zinc Oxide Based Nanopowders and radiation induced effects. (Awarded 2021)
- 3. Dr. Sachin Kumar: Investigations on the ferroelectric properties of Yttrium and/ or tin doped Barium Titanate (Awarded 2021)
- 4. Dr. Neha Sarin- Synthesis, characterization and Gas sensing applications of undoped and Fe-/Co-substituted Strontium Titanate Ceramics (Awarded 2021)

Total awarded 5(4) Ongoing (1)

Under Dr. Alka Garg

1. One student is jointly registered for Ph.D. in material Sciences since 2019 at IGTDU(Indira Gandhi Delhi Technical University for Women) *Ongoing (1)*

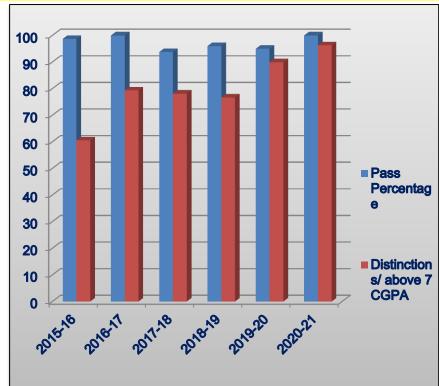
Ph.D Guidance (Awarded/Ongoing)					
Name of the Scholar	Subject	Name of the guide	Year of Registration	Year Awarded	
Dr. Sachin Kumar	Physics	Prof. Vandna Luthra	2014	2021	
Dr. Neha Sarin	Physics	Prof. Vandna Luthra	2014	2021	
Dr. Anita	Physics	Prof. Vandna Luthra	2012	2021	
Dr. Rajveer Singh	Physics	Prof. Vandna Luthra	2013	2019	
Mr. Sharavan Kumar Meena	Physics	Prof. Vandna Luthra	2021	Ongoing	
Ms. Ritu Chaudhari	Physics	Co-supervisor: Dr. Alka Garg	2019	Ongoing	

Number of M.Sc. Dissertation Guided

Prof. Vandna Luthra: 2

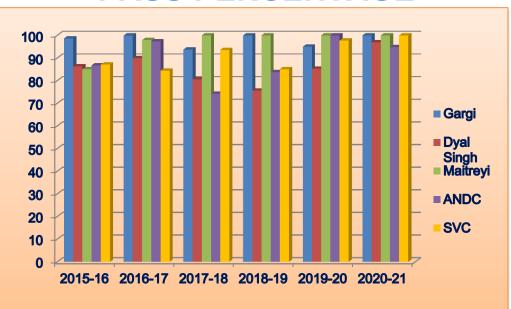
Dr. Alka Garg: 1

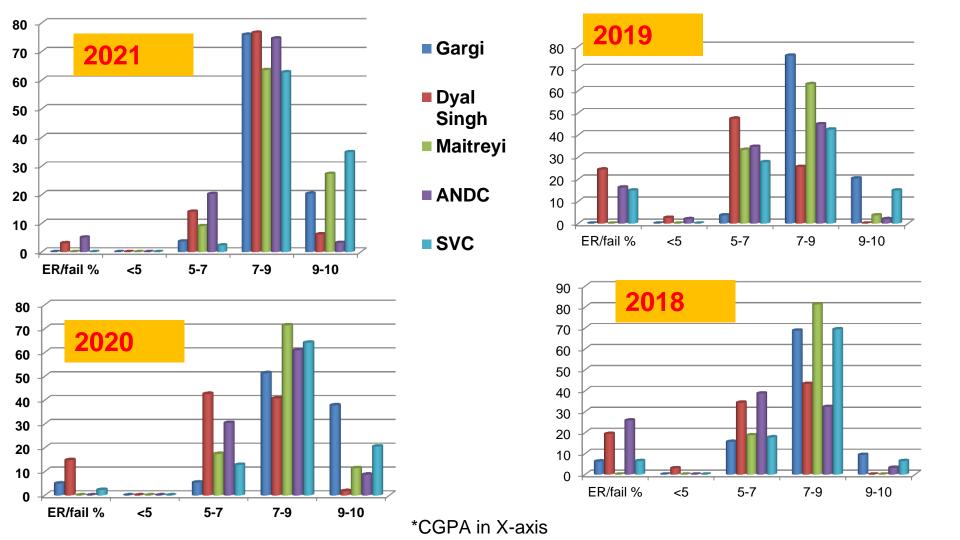
RESULTS



GARGI YEAR WISE

COMPARISON WITH NEIGHBORING COLLEGES PASS PERCENTAGE





Student's Achievements in Sports

S.No.	Student Name	Year	Sports
1.	Ravina	2016-17	Bronze medal in long jump in Delhi state athletics championship
2.	Ruchi		1 st position in 100 m race
3.	Pratibha		1 st position in volleyball in LSR tournament
4.	Ayushi Saxena	2017-18	3 rd prize in March Past competition held on Sports Day in Gargi College.
5.	Himani Sharma		3 rd prize in March Past competition held on Sports Day in Gargi College.
6.	Mahima Rathi		CATC camp in NCC.
7.	Pratibha Singh		 In college volley ball team Gold medal at Bits Pilani BOSM2018. Silver medal in relay race 4×400m at sports day Gold medal at JIIT, Noida
8.	Sangeeta Yadav		 Gold medal in Kho-Kho against Commerce Dept. in Gargi Olympiad. Gold medal in Kho-Kho against Arts Dept. in Gargi Olympiad.
9.	Shivani Gangwar		❖ 3rd prize in March Past competition held on Sports Day in Gargi College.
10.	Priya		❖ 3 rd prize in March Past competition held on Sports Day in Gargi College.

S. No.	Name	Year	Sports
11.	Ruchi	2017-19	❖ Intercollege game silver medal in heptathlon event.
12.	Ruchika		❖ 3rd prize in March Past competition held on Sports Day in Gargi College.
13.	Mansi		❖ 3 rd prize in March Past competition held on Sports Day in Gargi College.
14.	Rishu Jakhar	2018-19	❖ 3rd prize in March Past competition held on Sports Day in Gargi College
15.	Preetisha Goswami		❖ 3 rd prize in March Past competition held on Sports Day in Gargi College.
16.	Neha Pandey		3rd prize in March Past competition held on Sports Day in Gargi College
17.	Navita Yadav		❖ 3 rd prize in March Past competition held on Sports Day in Gargi College.
18.	Mansi Saini	2019-21	❖ 3rd prize in March Past competition held on Sports Day in Gargi College.
19.	Priya		❖ 3 rd prize in March Past competition held on Sports Day in Gargi College.
20.	Anju Sharma		❖ 3rd prize in March Past competition held on Sports Day in Gargi College.
21.	Prachi Rauthan		❖ 3 rd prize in March Past competition held on Sports Day in Gargi College.
22.	Vinita Prajapat		❖ 3rd prize in March Past competition held on Sports Day in Gargi College

Student's Achievements in ECA

S.No.	Student Name	Year	ECA
1.	Neelam Bisht	2016-17	Winner of Triathlon in Reverie 2016
2.	Shivani Pandey		Winner of Triathlon in Reverie 2016
3.	Shreya Singh		General Secretary- College's Student Union
4.	Divya Rawat		Winner of Triathlon in Reverie 2016
5.	Himani Nigam		1 st prize Lecture Series by PHYSICS DEPARTMENT
6.	Jaya Bharadwaj		1 st position at Natika Vatika 2016, the annual theatre festival of IIT Delhi
8.	Priya Rao		1st position at Annual Theatre Fest of Stephen's College, 2017
9.	Prarthana Pasricha		1 st prize – Kavita Path, IIT Kanpur
10.	Sakshi		1 st in esthetic science competition organized by zenith
11.	Ananya, Ayushi Bhawna, Shruti		Won in Treasure hunt organized by zenith
13.	Kalpana Sharma		2 nd position in ARSD college NCC FEST

S.No.	Name	Year	ECA					
1.	Ayushi Saxena	2017-18	1) NCC member 2)CATC camp in NCC.					
2.	Himani Sharma		 Ek Bharat Shresth Bharat National camp with Sikkim and Calcutta Directorate. Project in material science with Dr.Alka Garg. 					
3.	Mahima Rathi		Secured first position in the Physics quiz competition.					
5.	Prarthana Sharma		 Secured second position in poetry competition. Project on Density Functional Theory with Dr. Archana. 					
6.	Sangeeta Yadav		Project on Density Functional Theory with Dr. Archana.					
7.	Neha Sharma		Secured first position in poetry competition.INSPIRE scholarship(2016- 2019).					
8.	Ayushi Tyagi		Project on the study of capacitors with Dr. Vandna Luthra.					
9.	Prarthana Pasricha		 Member of the Eco club (Avni) of Gargi College. Unmukti (Women development cell)member. Physikos designing head. Second position in physics charades. Second position in circuit making competition. Donated blood in blood donation camp at Gargi College. 					
10.	Priyanka		 Member of the Eco club (Avni) of Gargi College. Unmukti (Women development cell) member. Physikos designing head. Second position in physics charades. Second position in circuit making competition. Donated blood in blood donation camp at Gargi College. 					

S. No.	Name	Year	ECA
1.	Saifali	2017-19	 Face painting (Sri Venkateswara College):1st position. Costume designing (IIT Roorkee): 2nd position. Kaagaz-ae- kaarigari (Khalsa College): 2nd position. Costume designing(Dyalsingh college): 3rd position. Best out of waste (DTU): 1st position.
2.	Nikita		Botanical Card Making Competition (Botany Department Gargi College) :1st position.
3.	ANANYA GUPTA		> 3rd prize-Data Science Challenge on Internshala (cash prize worth Rs.10,000/-).
4.	ANSHULIKA		➤ 1st position -Saraki (Gargi Olympiad).
5.	MANSI SINGH		➤ 1st position - Doodling Competition (Department of Chemistry, Gargi College).
9.	PARUL		 ▶ 1st position-Poster making (Department of Political Science, Gargi College). ▶ 1st position-Saraki (Gargi Olympiad). ▶ 1st position-Vigoro (Gargi Olympiad)
10.	RIYA VERMA		➤ Internship with K5 solution and Yourshell in social media marketing.
11.	RIYA		1st position-Vigoro (Gargi Olympiad)
12.	SAKSHI		 2nd position-Hand painting competition (Department of Botany, Gargi College). 2nd position-Costume making competition (Lady Irwin College, DU). Member of Hues (The Fine Arts Society of Gargi College).
13.	MEEMANSHA BAHUGUNA		➤ Internship under Eisystems Technex 2020 (IIT BHU) on python programming.
14.	SRISHTI DEHMIWAL		➤ Internship on python programming at Eisystems Technex 2020 (IIT BHU).
15.	PRIYANKA GUPTA		Internship under Unschool on social media marketing.
16.	SONALI BHARDWAJ		 Internship under Program for International Student Assessment. Internship under Unschool on social media marketing

S. No.	Name	Year	ECA
1.	Reha Thongam	2018-19	 2nd prize in Pop Quiz by Quizzito in Gargi College. Winner of the online quiz question in Zistatva. Member of creative writing team of Physikos
2.	Rishu Jakhar		Union Volunteer in Zistatva and Reverie.Main stage performance of slam poetry at Reverie'19.
3.	Kashish Bhatia	2018-19	 Winner of the creative writing competition organised by the college magazine team. A member of the Physics magazine team- Physikos Participated as a poet in the Busking team for Zistatva and Reverie.
4.	Preetisha Goswami		A member of the Physics magazine team- Physikos.
5.	Ananya Shankar		 Second place in Costume Designing in Thomso'18, Roorkee. "Convenor of Quiz society, Quizzito. AND Attended ISSAA Summer School 2021. Presented paper in ICRAMC Conference 2021. and in AMRP Conference 2020.
6.	Ripundhi Lepcha		 3rd prize in IIT-D Rendezvous in western singing. 3rd in Lady Shri Ram College in western singing. 2nd in Shiv Nadar University in western singing. 1st in Ramjas College in Western Singing. 1st in Hindu College in Western Acapella Music Event
14.	Tisha Khandelwal		Submitted a group project on SIR Modeling on Covid Data
15.	Preetisha Goswami		 Awarded Best Oral Presenter ICRAMC-2021. Presented paper in the 5th National e-Conference 2020. Selected to attend the virtual Introductory Summer School in Astronomy and Astrophysics Participated in a workshop organized by Quasar, the Department of Physics, Gargi College.
16.	Komal Kumari		Secured Third position in poetry competition. Currently doing an internship in Doubtnut.

S. No.	Name	Year	ECA
1.	Romanpreet Kaur	2019-21	"Vice President" of Physics Department Quasar.Secured 2nd position waste competition by Mata Sundri College.
2.	Shruti Rana		Secured 2nd position in AMFLIX - The Binger's Tournament in Acharya Narendra Dev College.
3.	Namra Arya		Secured 2nd position in AMFLIX - The Binger's Tournament in Acharya Narendra Dev College.
4.	Priyanshi Mishra		 Secured 3rd position in quiz in Gargi college. Secured 2nd position in the paper presentation at Motilal Nehru college. Qualified the physics quiz organized by Kanya Mahavidyalay, Jalandar.
5.	Gunjan Bisht		"Treasurer" of Physics department.Elected as the President of the White Rose Club.
6.	Kashish Bhatia		Internship at Unschool Internship at Investment Tree Fincorp Editor, College Magazine (Voices)
7.	Ayushi Choudhary		Submitted a group project on SIR Modeling on Covid Data
8.	Neha		 "Joint secretary" of Physics department Quasar. Participated in Polaroid completion organized by SRCC Internship at younger. Scholarship by Sakshat for educational help

SN	NAME	YEAR	WORKING
1.	Dr. Indira Sulania	2003	Scientist F (IUAC)
2.	Ms. Garima S.	2009	Assistant Prof. (DU)
3.	Ms. Surabhi Sharma		PhD (IITD)
4.	Ms. Swati		PhD (IITD)
5.	Ms. Nilanjana	2010	MSc (Vansthali)
6.	Ms. Namrata		MSc (DU)
7.	Ms. Gurpreet	2011	PDF (IEMN France)
8.	Ms. Neha Sharin		PhD (DU)
10.	Ms. Sweety Pandey	2012	PO in CANARA BANK
11.	Ms. Rubina		MSc (IITB)
12.	Ms. Apporva Mittal		Young's Scientist in AIIMS
13.	Ms. R. Rubia		Ph.D
14.	Ms. Varsha	2013	Assistant Prof. (Kalandi College)
15	Ms. Namrata Gugrug	2014	Abroad
16.	Ms. Sanjoli Sasawat		Abroad
17.	Ms. Shayoni Panja		Abroad
18.	Ms. Neeraj Kumari		Abroad

19	Ms. Falta		PhD (DU)
20	Ms. Meenu Pandey	2013	IIM
21	Ms. Tanvi		Aboard
22	Ms. Jyoti		
23.	Ms. Dipti Yadav		Assistant Prof. (DRC)
24	Ms. Anisha Dua		
25	Ms. Himanshi Kathuria	2014	Summer research intership IISc Banglore
26	Ms. Surabhi Sharma	2014	ICICI Bank
			MCA (IP)
27	Ms. Surabhi Mangla		MSc (BITS Ranchi)
			MBA (AMITY)
28	Ms. Meenu Pandey		MSc (IITD)
29	Ms. Arshia		Abroad
30	Ms. Devina		Abroad
31	Ms. Niharika		Abroad
32	Ms. Sonia		Abroad
33	Ms. Vinnie		Abroad
34	Ms. Angira		PhD (IISER PUNE)
35	Ms. Bhawana	2015	MSc (BITS HYDERABAD)
26	Ms. Garima	2013	MSc (DU)
27	Ms. Jyoti Sardana		PhD (DU)
28	Ms. Kathy		MSc (DU)
29	Ms. Kaushambi Jyoti		MSc (IITD)
30	Ms. Khushwinder		Content Writer NIIT
31	Ms. Neeraj		Abroad
32	Ms. Rashmi		MSc (IIT Jodhpur)

33	Ms. Reshu		MSc (BITS HYDERABAD)
34	Ms. Urvashi		PhD (IITB)
35	Ms. Vaibhavi	2015	MSc (BITS HYDERABAD)
36	Ms. Sipaz		MSc (IISc BANGLORE)
37	Ms. Honey Mittal		PhD (JAMIA)
38	Ms. Mansi Singh		Panjab National Bank
39	Ms. Divya Dixit	2016	Panjab National Bank
40	Ms. Namrata Bhatia	2016	Novartis
41	Ms. Shivani Pandey		Vedantu Pvt. Ltd.
42	Ms. Udisha Shukla	2017	Trident Group, India
43	Ms. Ravina		Indian Air force
	Ms. Ayushi Gupta		Deloitte
44	Ms. Palak Kapoor	2018	Varroc Eng. Ltd.
45	Ms. Pragati Kapoor		ACME Global School

Name of the Project/ Endowments, Chairs	Principal Investigator/Co		Award	Amount Sanctioned	Duration of the project	Name of the Funding Agency	Type (Government/ non- Government)
GC 301: Low cost and novel-Integrated Test, Measure and Analysis Station (ITMAS) for teaching and research; Advocacy for open sources: Paradigm changers for Science and Mathematics Education in India	Vandna Luthra Arshmeet Kaur Sundanda Saini		2015	5,50,000	1 Year	University of Delhi	Government
GC 305: DNA barcoding for grasses of Aravalli range in Delhi region and subsequent creation of database of DNA barcode sequence information: An essential study for formulating future conservation strategies		Botany and Physics	2015	5,50,000	1 Year	Delhi University	Government
Designing efficient thermal flow nanofluids	Dr. Supreeti Das	Physics	2017	2,32,500	2 Years	UGC, Minor Project	Government