

## DETAIL OF PROFILE

NAME: **DR NEELAM GUPTA**

DESIGNATION: **ASSOCIATE PROFESSOR (PHYSICS)**

DATE OF BIRTH: **JUNE 16, 1969**

PERMANENT ADDRESS: **S-2, FLAT NO. 102, SAPPHIRE FLOOR, PIYUSH MARG, BAPU NAGAR, JAIPUR (RAJASTHAN)-302015**

MOBILE NUMBER: **9252034464**

E-mail: **neelamguptajpr@gmail.com**

EDUCATIONAL QUALIFICATION: **M.Sc. (PHYSICS), Ph.D.**

TEACHING EXPERIENCE: **UG – 22YEARS**  
**PG – 3 YEARS**

ORIENTATION COURSE: **ACADEMIC STAFF COUNCIL, UNIVERSITY OF RAJASTHAN, JAIPUR SPONSERED BY UGC, FROM 30/03/2002 TO 25/04/2002**

REFERSHER COURSE: (i) **ACADEMIC STAFF COUNCIL, UNIVERSITY OF RAJASTHAN, JAIPUR SPONSERED BY UGC, FROM 15/01/2004 TO 04/02/2004**

(ii) **ACADEMIC STAFF COUNCIL, UNIVERSITY OF RAJASTHAN, JAIPUR SPONSERED BY UGC, FROM 07/02/2005 TO 26/02/2005**

### TRAINING PROGRAMMES:

S. No	NAME OF THE COURSE	SPONSORING AGENCY	PLACE	No. OF DAYS	FROM	TO
1	TRANING OF TRAINERS IN DISASTER	HCM, RAJASTHAN STATE INSTITUTE OF PUBLIC	JAIPUR	ONE WEEK	07/10/2013	11/10/2013

	MANAGEMENT	ADMINISTRATION, JLN MARG JAIPUR)				
2	MICROSOFT OFFICE SPECIALIST TRAINING	Education Advocacy, Microsoft, Mumbai	S. S. JAIN SUBODH COLLEGE, JAIPUR	ONE WEEK	08/10/2018	12/10/2018
3	COMPUTER APPRECIATION AND EXECUTIVES	HCM, RIPA JAIPUR	HCM, RIPA JAIPUR	ONE WEEK	17/12/2018	21/12/2018
4	ISSUES AND CHALLENGES IN RESPONDING TO THE EPIDEMIC (COVID-19)	HCM, RIPA JAIPUR	JAIPUR, ONLINE	TWO DAYS	24/08/2020	25/08/2020
5	FDP ON “ VIRTUAL PLATFORMS FOR TEACHING AND LEARNING	INDIAN ISTITUTE OF INFORMATION TECHNOLOGY, KOTA	KOTA, ONLINE	TWO DAYS	27/08/2020	28/08/2020
6	Mid Career Training Programme for State Service Officers	HCM, RIPA UDAIPUR	UDAIPUR , ONLINE	ONE WEEK	15/06/2020	19/06/2020
7	“E-Content: Development and Delivery”	DIRECTORATE OF COLLEGE EDUCATION RAJASTHAN, JAIPUR & GOVERNMENT COLLEGE BUNDI, RAJASTHAN	BUNDI, ONLINE	TWO DAYS	10/08/2020	11/08/2020
8	“Online Teaching-Learning using LMS - MOODLE”	MHRD and Department of College Education, Govt. of Rajasthan JAIPUR	JAIPUR, ONLINE	Two Days National Workshop	24/07/2020	25/07/2020
9	State Insurance & General Provident Fund	HCM, RIPA UDAIPUR RAJASTHAN	UDAIPUR, ONLINE TRAINING	ONE DAY	05/06/2020	05/06/2020

**MAJOR/ MONIR RESEARCH PROJECTS:** ONE (MINOR RESEARCH PROJECT)  
“STUDY ON THERMAL AND MECHANICAL PROPERTIES ON CNT/POLYMER COMPOSITES” UGC BHOPAL, F. No. MS. 99/304004/10-11/CRO Dated 31.03.2011

## CONFERENCES/ WEBINARS:

### CONFERENCES:

S. No	TITLE OF PAPER PRESENTED/ ATTENDED	TITLE OF SEMINAR/CONFERENCE/ WEBINAR	ORGANISING AGENCY	NATIONAL / INTERNATIONAL
1	GENDER AND HUMAN RIGHTS IN INDIA	NATIONAL CONFERENCE ON HUMAN RIGHTS ARE WOMEN'S RIGHTS: WOMEN'S RIGHTS ARE HUMAN RIGHTS S (NCHRWR- 2019) <b>SEPT. 27-28, 2019</b>	GOVERNMENT COLLEGE, JAIPUR AND CARD MUMBAI	NATIONAL
2	AN OVERVIEW ON SYNTHESIS, PROPERTIES AND APPLICATIONS OF NANO FLUIDS	RECENT TRENDS IN ENVIRONMENT AND SUSTAINABLE DEVELOPMENT (RTESD-2019) <b>OCT.17-19, 2019</b>	VGU, JAIPUR	INTERNATIONAL
3	GOVERNANCE OF SUSTAINABLE DEVELOPMENT	NATIONAL CONFERENCE ON DEVELOPMENT AND GOVERNANCE : ISSUES & PROSPECTS <b>JANUARY 27-28, 2017</b>	S S JAIN SUBODH PG (AUTONOMOUS) COLLEGE, JAIPUR	NATIONAL
4	THE ROLE OF WOMEN IN RURAL DEVELOPMENT, FOOD PRODUCTION AND POVERTY ERADICATION	44 <sup>TH</sup> ANNUAL NATIONAL CONFERENCE ON " RURAL DEVELOPMENT: ISSUES, CHALLENGES, LIVELIHOOD & SUSTAINABILITY" ON <b>6-8 OCTOBER, 2016</b>	DEPARTMENT OF GEOGRAPHY, S.R.L.S. GOVT. P.G. COLLEGE, KALADERA	NATIONAL
5	WATER POLLUTION WITH REFERENCE TO PESTICIDE CONTAMINATION	NATIONAL CONFERENCE ON "SUSTAINABLE .....SCIENCES" (SCMS2016) <b>AUGUST 5-6, 2016</b>	S S JAIN SUBODH PG (AUTONOMOUS) COLLEGE, JAIPUR	NATIONAL
6	ENVIRONMENTAL POLLUTION & IMPACTS ON PUBLIC HEALTH	RASTRIYA SANGOSTHI SAHITAYA SRAJAN AUR PRYAVARAN SANRAKSHAN DATED <b>JANUARY 12-13, 2016</b>	SW. RAJESH PILOT GOVT.PG COLLEGE, BANDKUI	NATIONAL
7	ALTERNATE ENERGY RESOURCES & THEIR UTILIZATION	NATIONAL CONFERENCE ON MATERIALS AND THEIR ENERGY APPLICATIONS ON <b>DECEMBER 22-24, 2014</b>	S.S. JAIN SUBODH P.G. COLLEGE, JAIPUR	NATIONAL
8	USE OF ORGANOBISMUTH (III) COMPLEXES OF SCHIFF BASE IN GREEN CHEMISTRY	NATIONAL CONFERENCE ON GREEN CHEMISTRY- BRIDGE BETWEEN ENERGY AND ENVIRONMENT, <b>DECEMBER 15-16, 2014</b>	PT. N.K.S. GOVT. PG. COLLEGE, DAUSA (RAJ.) INDIA	NATIONAL

9	POSTER PRESENTATION	NATIONAL CONFERENCE ON CHEMISTRY FOR ECONOMIC GROWTH AND HUMAN COMFORTS, AUGUST 31, 2013	UOR, JAIPUR	<b>NATIONAL</b>
10	POSTER PRESENTATION	INTERNATIONAL WORKSHOP ON CHEMISTRY FOR SUSTAINABLE FUTURE, DECEMBER 10-12, 2012	UOR, JAIPUR AT CHOKHI DHANI RESORT, JAIPUR	<b>INTERNATIONAL</b>
11	PARTICIPATED	INTERNATIONAL CONFERENCE ON GREEN CHEMISTRY (ICGC-2011) DECEMBER 7-9, 2011	CENTRAL UNIVERSITY OF RAJASTHAN IN COLLABORATION WITH GCNC AI HOTEL BELLA CASA, JAIPUR	<b>INTERNATIONAL</b>
12	PARTICIPATED	7 <sup>TH</sup> BIYANI INTERNATIONAL CONFERENCE-2012(BICON-12) ON SEPTEMBER 17-21 , 2012	BIYANI GROUP OF COLLEGES, JAIPUR	<b>INTERNATIONAL</b>
13	PARTICIPATED	NATIONAL CONFERENCE ON ENVIRONMENTAL ISSUES, TOXICOLOGY & EXPOSURE SCIENCE, September 20-21, 2013	DEPARTMENT OF ZOOLOGY, AGRAWAL PG COLLEGE, JAIPUR	<b>NATIONAL</b>
14	PARTICIPATION	NATIONAL CONFERENCE ON "BIODIVERSITY CONSERVATION: EMBRACING OUR FUTURE, PRESERVING OUR PAST" ON SEPTEMBER 27-28, 2013	IIS UNIVERSITY, JAIPUR	<b>NATIONAL</b>
15	PARTICIPATION	NATIONAL SEMINAR ON "ENVIRONMENTAL TERRORISM: A CHALLENGE FOR THE NEW MILLENNIUM" OCTOBER 25-26, 2013	ST. WILFRED'S PG COLLEGE, JAIPUR	<b>NATIONAL</b>
16	PARTICIPATED	NATIONAL CONFERENCE ON ECOLOGICAL SUSTAINABLE DEVELOPMENT AND LIMITATIONS OF GROWTH: FUTURE PROSPECTS AND CHALLENGES ON APRIL 22-23, 2014	BBD GOVT. COLLEGE, CHIMANPURA, SHAHPURA, JAIPUR	<b>NATIONAL</b>
17	ORAL PRESENTATION	NATIONAL CONFERENCE ON "MULTIPLE MANIFESTATIONS OF WOMEN "WOMEN IN INDIAN SOCIETY" ON DECEMBER 23-24, 2016	SS JAIN SUBODH PG COLLEGE, JAIPUR	<b>NATIONAL</b>

18	ROLE OF ICT IN HIGHER EDUCATION(PRESENT ED)	NATIONAL SEMINAR ON “EXCELLENCE IN HIGHER EDUCATION” THE ROAD AHEAD ON SEPTEMBER26-27, 2017	SPNKS GOVT. COLLEGE DAUSA	<b>NATIONAL</b>
19	WATER POLLUTION AND.....CONTAMINATION(PRESENTED)	NATIONAL CONFERENCE ON “ RECENT TRENDS AND ADVANCES IN ENVIRONMENTAL ISSUES, AWARENESS AND HEALTH 2017” ON NOVEMBER 17-18, 2017	JECRC UNIVERSITY, JAIPUR	<b>NATIONAL</b>
20	PARTICIPATION	GROUND WATER QUALITY, WATER CONSERVATION, MANAGEMENT AND TECHNOLOGY” 20-21 JANUARY, 2017	GOVT. R R PG COLLEGE, ALWAR	<b>NATIONAL</b>

### **WEBINARS:**

S.No.	TITLE OF SEMINAR/CONFERENCE/ WEBINAR	ORGANISING AGENCY	NATIONAL / INTERNATIONAL
1	NATIONAL WEBINAR ON SCIENCE DAY 28 FEBRUARY 2021	DEPARTMENT OF PHYSICS GOVT. COLLEGE TONK, RAJASTHAN	NATIONAL
2	INTERNATIONAL CONFERENCE ON NEW ACHIEVEMENTS IN SCIENCE 30th - 31st March 2021	Department of Physics, Govt. College Tonk, INDIA-304001 in collaboration with Department of Botany, R. R. Govt. College Alwar, INDIA-301001 & Department of Physics, Seth RLS Govt. College Kaladera, Jaipur, INDIA-303801	INTERNATIONAL
3	"Awareness on Intellectual Property Rights (IPR)" 21 January, 2021	Patent Information Centre, Department Of Science & Technology Government of Rajasthan & In collaboration with BANASTHALI VIDYAPITH, RAJASTHAN	NATIONAL
4	CONTRIBUTION OF BABASAHEB DR BHIM RAO AMBEDKAR IN NATION BUILDING 6 DECEMBER 2020	S D GOVERNMENT COLLEGE, BEAWAR, (RAJASTHAN)	NATIONAL

5	"ENVIRONMENT CONSERVATION : ISSUES AND CHALLENGES" 22 DECEMBER 2020	SHAHEED CAPTAIN RIPUDAMAN SINGH GOVERNMENT COLLEGE SAWAI MADHOPUR (RAJASTHAN)	NATIONAL
6	"Environmental Issues and their Remedies" 08 January, 2021	SBRM GOVERNMENT COLLEGE, NAGOUR ( RAJASTHAN)	NATIONAL
7	"MERE SAPNO KA BHARAT: ATMNIRBHAR BHARAT" 12-13 FEBRUARY 2021	S S JAIN SUBODH PG AUTONOMOUS COLLEGE, JAIPUR	NATIONAL WORKSHOP
8	STRATEGIES FOR ENVIRONMENT AND BIODIVERSITY CONSERVATION 24 NOVEMBER 2020	DEPARTMENT OF BOTANY, GOVERNMENT COLLEGE KOTA	INTERNATIONAL CONFERENCE
9	'Intellectual Property Rights' 21 NOVEMBER 2020	DEPARTMENT OF BOTANY, GOVERNMENT COLLEGE KOTA	NATIONAL WEBINAR
10	"Contemporary Scenario: Revisiting Gandhian Concept of Gram Swaraj" 7 JUNE, 2020	Indian Society of Gandhian Studies, JAIPUR	NATIONAL WEBINAR
11	ADVANCE EXCEL WITH BUSINESS INTELLIGENCE TOOL 6 JULY, 2020	NIIT, JAIPUR IN ASSOCIATION WITH GOVERNMENT COLLEGE, TONK RAJASTHAN	NATIONAL WEBINAR
12	RECENT TRENDS IN PHYSICS, 30 JULY 2020	Department of Physics, SMART PRITHVI RAJ CHOUHAN GOVERNMENT COLLEGE, AJMER	NATIONAL WEBINAR
13	"Technology for Wildlife Conservation" 01 JUNE 2020	Department of Applied Chemistry & Chemical Technology and Department of Applied Physics & Optoelectronics Shri G. S. Institute of Technology & Science, Indore (M.P.)	NATIONAL WEBINAR

14	“REVISED ACCREDITATION FRAMEWORK OF NAAC QUALITY ENHANCEMENT PRACTICES IN HIGHER EDUCATION” 21 OCTOBER 2020	SS JAIN SUBODH PG (AUTONOMOUS) COLLEGE JAIPUR RAJASTHAN	NATIONAL WEBINAR
15	NATIONAL EDUCATION POLICY 2020 : TOWARDS HOLISTIC AND MULTIDISLINARY EDUCATION, 5 SEPTEMBER 2020	Navyug Kanya Mahavidyalaya Rajendra Nagar, Lucknow 226004	NATIONAL WEBINAR
16	“Mathematical Modeling and Data Analysis” 5 AUGUST 2020	ORSI-Ajmer Chapter & Department of Mathematics Samrat Prithviraj Chauhan Government College, Ajmer	NATIONAL WEBINAR
17	ICT TOOLS FOR TEACHING IN HIGHER EDUCATIONAL INSTITUTIONS, 29 AUGUST 2020	LBS GOVERNMENT COLLEGE, KOTPUTLI (JAIPUR)	NATIONAL WEBINAR

**MEMBERSHIP OF ACADEMIC BODIES:**

- (i) LIFE MEMBERSHIP OF TPSI (THERMOPHYSICAL SOCIETY OF INDIA), MEMBERSHIP NO L-093
- (ii) MEMBER , BOARD OF STUDIES (PHYSICS) SINCE 2017, IN UNIVERSITY OF RAJASTHAN, JAIPUR

**PUBLICATIONS RESEARCH:**

S.No.	Title with year and page nos.	Details of Conference Publication	ISSN/ISBN No.
1	“SYNTHESIS AND BIOLOGICAL ACTIVITY OF BIFUNCTIONAL TRIDENTATE SCHIFF BASE LIGANDS AND THEIR BORON(III) COMPLEXES” 2016 PAGE No 69- 76	PROCEEDINGS OF INTERNATIONAL SEMIANR ON “RECENT TRENDS IN CHEMICAL SCIENCES: GLOBAL PROSPECTIVE AND PROGRESS” <b>NOVEMBER 28-29, 2016</b>	978-93-5265-436-9

2	“SYNTHESIS AND BIOLOGICAL ACTIVITY OF BIFUNCTIONAL TRIDENTATE SCHIFF BASE LIGANDS AND THEIR BORON(III) COMPLEXES” 2016 PAGE No 69- 76	PROCEEDINGS OF INTERNATIONAL SEMIANR ON “RECENT TRENDS IN CHEMICAL SCIENCES: GLOBAL PROSPECTIVE AND PROGRESS” <b>NOVEMBER 28-29, 2016</b>	978-93-5265-436-9
3	“SYNTHESIS SPECTROSCOPIC CHARACTERIZATION AND BIOLOGICAL STUDIES OF AZOMETHINE BORON(III) COMPLEXES” 2017 PAGE No 34-36	PROCEEDINGS OF NATIONAL WORKSHOP ON INSTRUMENTATION TECHNIQUES FOR RESEARCH IN CHEMICAL SCIENCES (WITRCS-2017), <b>DECEMBER 22-23, 2017</b>	978-93-5291-367-1
4	CONSEQUENCES OF COVID-19 ON ENVIRONMENT, ECONOMY AND SOCIETY: AN OVERVIEW 2020 PAGE NO 7 - 9	IMPACT OF COVID-19 ON SOCIETY, ECONOMY AND ENVIRONMENT, <b>JUNE 2020</b>	978-90-83024-22-6

### PUBLICATIONS BOOKS:

S. No.	TITLE OF BOOK	ISBN	YEAR OF PUBLICATION
1	□□□□□□□□□□ □□□□□□ APPLIED PHYSICS (CODE –102)	978-81-8444-391-2	2011
2	BASIC ELECTRONICS (CHAPTERS NO 4 TO 6)	13/978-81-8496-273-4	2011
3	□□□□□□□□□□ MECHANICS (CODE : PH -101) □□□□□ □□□□□□□	978-81-8142-647-5	2013
4	□□□□□□□□□ □□□□□□□□□□ ELECTROMAGNETISM (CODE: PH-103)	978-81-8142-637-6	2013
5	□□□□ □□□ □□□□□ OSCILLATIONS AND WAVES (CODE: PH-105)	978-81-8142-618-2	2013
6	□□□□□ □□□□ □□□□□□□□□□ □□□□□□ PRACTICAL PHYSICS( CODE: PH-107)	978-81-8142-569-8	2013
7	□□□□□□□□□□ □□. □□□□. □□□□□- II OPTICS(CODE: PH-203)	978-81-8142-707-6	2014
8	□□□□□□□□□□ □□□ □□□□□□□□□□□□□□□ STATISTICAL AND THERMODYNAMICAL PHYSICS(CODE: PH-201)	978-81-8142-691-8	2014
9	UNDERSTANDING URBANIZATION VS.	0531495X	2015



	SUSTAINABLE DEVELOPMENT		
10	□□□□□□ □□□□□□ MATHEMATICAL PHYSICS ( CODE: PH-203)	978-81-8142-726-7	2015
11	□□□□□□□□□□ OPTICS (CODE: PH-109)	978-81-8142-700-7	2015
12	THIRD YEAR PRACTICAL PHYSICS(CODE:PH-308)	81-8142-368-2	2015
13	□□□□□□□□□□□□□□□□ ELECTRONICS □□□□□□ □□□□□□□□□□ □□□ □□□ □□□□□□□□□□ □□□□□□□□□□ (CODE: PH- 205)	978-81-8142-740-3	2016
14	□□□□□□□□ □□□ □□ □□□□□□□□ NUCLEAR AND PARTICLE PHYSICS (PH-303)	978-81-8142-766-3	2017
15	□□□□□□□□ □□□□□□□□□□□□ □□□ □□□□□□□□□□□□□□□□□□□□□□□□□□□□ QUANTUM MECHANICSAND SPECTROSCOPY (CODE: PH- 303)	978-93-87178-04-5	2018
16	□□□ □□□□□□□ □□□□□□□□ SOLID STATE PHYSICS (CODE: PH-305)	978-81-8142-772-4	2018

**ORGANIZING CAPACITY/ SKILL:**

(i) INCHARGE OF DEPARTMENT OF PHYSICS

(ii) NODAL OFFICER OF WEB PAGE

(iii) NODAL OFFICER OF NOC PRIVATE COLLEGE

(iv) NODAL OFFICER OF AISHE

(v) NODAL OFFICER OF RAJASTHAN SAMPARK PORTAL

(v) CONVENOR OF AAP (Annual Audit Progress)

(vi) ORGANISED A WEBINAR ON 22 DECEMBER 2020 ON **“PRECAUTIONS AND EFFECT OF COVID-19 ON**

**ROUTINE LIFE” BY DEPARTMENT  
OF PHYSICS**

**LANGUAGE PROFICIENCY:**

ENGLISH AND HINDI

**PROFESSIONAL ETHICS:**

(1) TIME PUNCTUILITY AND QUALITY OF  
TEACHING

(2) DEDICATION TO INSTITUTION AND  
ASSIGNED WORK

(3) MANAGEMENT DURING CLASSES

**OBJECTIVES:**

COMPLETE THE SYLLABYS FOR THE  
STUDENTS WELL WITH IN TIME  
EXECUTES ALL THE RESPONSIBILITIES  
ASSIGNED BY THE PRINCIPAL OF  
COLLEGE WITH FULL DEDICATION.

**NEELAM GUPTA**

**MOBILE No: 9252034464**