

(Co-educational, Affiliated to Panjab University, Chandigarh) Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

3.5.1 Number of Collaborative activities for research, Faculty exchange, Student exchange/ internship during the year





SL NO CSIR/SRTP/2020/NEIST/2034

NAME: Isha Saini







CSIR-SUMMER RESEARCH TRAINING PROGRAM (CSIR-SRTP) 2020 ONLINE HAS THE FOLLOWING ACTIVITIES

Eminent Scientist Lectures, Special Sessions, Project specific classes, Elocution video, Poster designing, Essay writing, Assignments / Project works given by mentor/coordinator & Summer Research Project Completion Report

CANDIDATE'S NAME: Isha Saini SL N	CSIR/SRTP/2020/NEIST/2034
-----------------------------------	---------------------------

GRADE: A

HOST INSTITUTE: CSIR-NEIST

MENTOR'S NAME Dr. Radheshyam Rai



REMARKS

MENTOR







Name: Isha Saini SI. No.: CSIR/SRTP/2020/NEIST/2034









SL NO CSIR/SRTP/2020/NEIST/1636

NAME: Megha Mittal







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CANDIDATE'S NAME: Megha Mittal SL NO.: CSIR/SRTP/2020/NEIST/1636

GRADE: A

HOST INSTITUTE CSIR-NEIST

MENTOR'S NAME Dr. Yogesh Suryawanshi



REMARKS

MENTOR





Name: Megha Mittal SI. No.: CSIR/SRTP/2020/NEIST/1636

DR. G. NARAHARI SASTRY PROF. ALOK DHAWAN DR. SHEKHAR C. MANDE DIRECTOR GENERAL, CSIR DIRECTOR DIRECTOR **CSIR-INDIAN INSTITUTE OF** SECRETARY, DSIR, GOVT. OF INDIA **CSIR-NORTH EAST INSTITUTE OF** SCIENCE AND TECHNOLOGY TOXICOLOGY RESEARCH





SL NO CSIR/SRTP/2020/NEIST/0861

NAME: ADITI GUPTA







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CANDIDATE'S NAME: ADITI GUPTA SL. NO.: CSIR/SRTP/2020/NEIST/0861

GRADE: B

HOST INSTITUTE: CSIR-NEIST

MENTOR'S NAME DR. AVEEK SAMANTA



REMARKS

MENTOR















SL NO CSIR/SRTP/2020/NEIST/5241

NAME: NAMAN SHARMA







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CANDIDATE'S NAME: NAMAN SHARMA SL. NO.: CSIR/SRTP/2020/NEIST/5241

GRADE: S

HOST INSTITUTE CSIR-NEIST

MENTOR'S NAME Dr. Chubaakum pongener



REMARKS

MENTOR







DR. G. NARAHARI SASTRY PROF. ALOK DHAWAN DR. SHEKHAR C. MANDE DIRECTOR GENERAL, CSIR DIRECTOR DIRECTOR **CSIR-INDIAN INSTITUTE OF** SECRETARY, DSIR, GOVT. OF INDIA **CSIR-NORTH EAST INSTITUTE OF** SCIENCE AND TECHNOLOGY TOXICOLOGY RESEARCH







SL NO CSIR/SRTP/2020/NEIST/2014

NAME Harshdeep Singh Saini







CSIR-SUMMER RESEARCH TRAINING PROGRAM (CSIR-SRTP) 2020 ONLINE HAS THE FOLLOWING ACTIVITIES

Eminent Scientist Lectures, Special Sessions, Project specific classes, Elocution video, Poster designing, Essay writing, Assignments / Project works given by mentor/coordinator & Summer Research Project Completion Report

CANDIDATE'S NAME, Harshdeep Singh Saini SL. NO.: CSIR/SRTP/2020/NEIST/2014

GRADE: S

HOST INSTITUTE: CSIR-NEIST

MENTOR'S NAME Dr Hari Babu Bollikolla



REMARKS

MENTOR















SL NO CSIR/SRTP/2020/NEIST/5085

NAME: Mansi



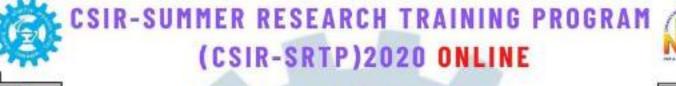




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Eminent Scientist Lectures, Special Sessions, Project specific classes, Elocution video, Poster designing, Essay writing, Assignments / Project works given by mentor/coordinator & Summer Research Project Completion Report

CANDIDATE'S NAME:	Mansı	SL. NO.;	CSIR/SRTP/202	0/NEIS1/5085
	GRADE:	<u>s</u> 🗧		
	HOST INSTITUTE: CS	IR-NEIST		
	MENTOR'S NAME Dr.	Arnab Kanti Giri		
<u></u>	REMARKS		MENTOR	





Name: Mansi SI. No.: CSIR/SRTP/2020/NEIST/5085









SL NO CSIR/SRTP/2020/NEIST/2762

NAME: BHAVESH SHARMA







CSIR-SUMMER RESEARCH TRAINING PROGRAM (CSIR-SRTP) 2020 ONLINE HAS THE FOLLOWING ACTIVITIES

Eminent Scientist Lectures, Special Sessions, Project specific classes, Elocution video, Poster designing, Essay writing, Assignments / Project works given by mentor/coordinator & Summer Research Project Completion Report

CANDIDATE'S NAME: BHAVESH SHARMA

CSIR/SRTP/2020/NEIST/2762

GRADE: A

HOST INSTITUTE: CSIR-NEIST

MENTOR'S NAME DR. ARNAB KANTI GIRI

SL NO:



REMARKS

MENTOR







DR. G. NARAHARI SASTRY PROF. ALOK DHAWAN DR. SHEKHAR C. MANDE DIRECTOR GENERAL, CSIR DIRECTOR DIRECTOR **CSIR-INDIAN INSTITUTE OF** SECRETARY, DSIR, GOVT. OF INDIA **CSIR-NORTH EAST INSTITUTE OF** SCIENCE AND TECHNOLOGY TOXICOLOGY RESEARCH

ACTIVITY ORGANIZED REPORT (Academic Year: 2020.21)

Name of the activity pressured	Department of computer science
Title of the address	Arony min Cert
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and the second s	FUEL(Friends Loinn for Emerging Lives) and HDFC
Nature of sponsorship	Free Training
Objective of activity	FUEL provident and
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Signature of Coordinator Meena Jindad (Placement & Training incharge)

many, Signature of HOD Computer Science Department SH GUNI CHANDIGAR

angh College

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ACTIVITY ORGANIZED D

INNOVATION CELL Sri Guru Gobind Singh College Sector-26 Chandigarh

in association with PG Department of Computer Science Organising Online Training on Digital Marketing Sponsored by HDFC Bank & FUEL Starting from 22nd March, 2021 INSTITUTION'S INNOVATION COUNCIL

Who can join (BCA,BCOM,BBA,BA) or Graduate (Final Year Students) Persoing Post Graduation

Teranjit Reo Sonfinator) movation Cell

STILL I

Registration link

Free of cost training program Program Duration! 60hr

Ms. Meena lindal (Placement & Training Incharge) Computer Science Department

PARIVARTAN

Ms. Sarabjeet Kaur

(Principal)

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1	Sr No	List of Students "Online College Name	First Name	Last Name		Male
1	1	SRI GUPU GOBIND SINGH COLLEGE CHANDIG	ARM Ketan	Bansal	wi com	
E	12	SRI GURI COBIND SINGH COLLI EF CHANDIS	ARH Ankita	Thakar	Contearthitatis-dours 039/05/10	Female
E	3	SEL GER COMIND SINGH COLLEGE CHANDIG	ARH Rupas	Chopra	Ehop/amoni/1998/98/	Male
L	4	SRI GURU HORND SINGH COLLEGE CHANDIG	VRH Vipin	Bhandari	vipinbhanduri180@sman.co	Female
L	3 L	SRI GURU COBINO SINGH COLLEGE CHANTRIGA	ashu Ashu	Saini	sadie3705@getalf.com	Female
	n	SRI GURU GOBIND SPNGH COLLEGE CHANDIGA	RH Sanjana	Sharma	\$\$\$0100101@@@mail.com	Male
	1	SREGURE OF AND SINGH COLLEGE CHANDIGA	RH AER	Goutam	atingoutam4@smail.com	Male
1		58 CORU CORNO SINGH COLLEGE CHANDIGAI	th Jak	Rana	ranaritik2545@gmail.com	Male
f f	1	SPEGUEU GOSIND SPNGH COLLEGE CHAMOIGAE	01 Vivek	Kumar	Weksman4219@gmail.com	Female
10	1	SRI GURLI SCIGIND SINGH COLLEGE CHANDIGAR	H Kanika	ARORA	kanikaarora246@gmail.com	Male
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12	1	SKI BURD GONIND SINGH COLLEGE CHAND/GAR	H Roban	Biswal	rohanbiswal52@gmail.com	Maie
11	1 5	READED GOBIND SINGH COLLEGE CHANDIGAR	H Manish	Kumar	manishumanan mim@gmail.com	1000
14	1 51	E GURLI GOBIND SINGH COLLEGE CHANDIGARH	Atishya	Jain	atishya55@gmail.com	Male
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1		GURU GOBINO SINGH COLLEGE CHANDIGARH	Amit		amitmahawar783@gmail.com	Male
1	C. 20201	URU GOBIND SINGH COLLEGE CHANDISARN	Vijay	Verma	vv726529@gmail.com	Male
+		URU GOBIND SINGH COLLEGE CHANDIGARH	RAMANDEEP	SINGH	rdssk178@gmail.com	Male
1	11110	URU GOBIND SINGH COLLEGE CHANDIGARH	Ankit	Singh	ankit99154848 (9gmail com	Male
1	a state of the sta	RU GOUND SINGH COLLEGE CHANDIGARH	Sourav	Selvawat	sourcesabrawatolice mail com	
1		TU GORIND SINGH COLLEGE CHANINGARD	- Vijon	dogra	Vicinite all States	
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ACTIVITY ORGANIZED ((Academic Year: 2020)

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	List of Students "Online work	shop on Digit	Last Name	Email	Gender
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26	SRE GURLE GOBINO SINGH COLLEGE CHANDIGARH	HARNAM	KAUR	vanshita.pandit98@gmail.com	Female
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28	SRIGGRU GOBIND SINGH COLLEGE CHANDIGARH	TARANPREET	KAUR	rameshwarisharma235@gmail.com	Female
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30	SRI GURU GOBIND SINGH COLLEGE CHANDIGARH	Nitin	Shrikoti	gouravsinghjaswalgsj@gmeil.com	111.0
37	SRI GURU GOBIND SINGH COLLEGE CHANDIGARH	Gourav	Singh	greatno61@gmail.com	Male
32	SRI GURU GOBIND SINGH COLLEGE CHANDIGARH	Prabhjot	Singh	Ishanipandey1000@gmgi.com	Male
13	SRI GURU GOBIND SINGH COLLEGE CHANDIGARH	Ishani	Panday	sidak1018@gmai.com	FEMALE
14	Sh Guru Gabind Singh College ,Chandigart sector 26	Sidakjeel	Bakshi		MALE
is	Sh Guru Gooms Singh College .Chandigarh sector 26	Sunaj	N/A	suraj ch9878@gmail.com	MALE
iê	Shi Guru Gobint Singh College , Chandigarh sector 26	Hardik	Vats	hardik.vats99@gmail.com	MALE
7	Sh Guru Gobind Singh College ,Chandigarh sector 26	Manisha	12.4	manisha73035@gmail.com	FEMALE
8 /	Shi Ouru Gobind Singh College , Chandigarh sector 26	Ashish	Sharma	ashu11vats@gmail.com	MALE
1	Sri Guru Sotind Singh College ,Chandigath sector 26	Rdk	Arya	bansalritik132@gmail.com	MALE
	Sri Guru Gotind Singh College ,Chandigath sector 26	Abhishek	Arora	aroraabhishek327@gmail.com	MALE
	Sri Guru Gobind Singh College ,Chandigarh sector 28	Raman	Manchanda	rəmanmanchanda123@gmail.com	MALE
	Sri Guru Gobind Singh College ,Chandigarh sector 25	Kanika	Rajvanshi	Fejvanshikan/ka2000@gmail.com	FEMALE
	Sri Guru Cobind Singh College ,Chandigarh sector 25	Adshutosh	Dua	aashutoshdua@gmail.com	MALE
-	Sri Guru Schind Singh College , Chandigarh sector 26	Senchit	Maurya	sanchit8726comai.com	MALE
20 C	Sri Goru Gobind Singh College , Chandigarh sector 28	Kartik	lakhera	lakhérakanik001 gonat con	MALE
	Sn Guru Gobind Singh College , Chandigarh sector 26	Ashish 7	Sharma	AND ADDRESS OF THE OWNER ADDRE	AN WALE
82 K.S	Sn Guru Gobind Singh College . Chandigath bestor 28 7.	Saranah C	Chaunan	1 Carmenteria.nan.openia.com	MALE

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	List of Students "Online works College Name	First Name	Last Name	Email	MALE
Sr No	Sri Guru Gebind Singh College . Chandigaih sector 28	Vishu	Mittal		MALE
48	Sri Guru Gebind singh College Channagh sector 26	Rahul	Attri		MALE
49	Sri Guni Gobind Singh College ,Chanolgarh sector 26	Harshdeep	Singh	rahulath9004@smill harshdespsingh500@gmail.com	MALE
50	Sei Guro Gobing Singh College , Chandigarh sector 26	parvash	sharma	no to patho \$14 \$ 6972 like	FEMALE
51	Sh Guru Gobind Singh College ,Chandigarh sector 26	Vipan	dogra	Abbo dogra840@gma3.com	MALE
52	Shi Guru Gopine Singh College ,Chandigath sector 25	Prachi	Malik	prachimalik 147@gmail.com	MALE
53	Sn Guru Gobind Singh College (Chandigarh sector 26	Năn	Shrikoti	nitinshrikasi tegenati com	
4	Sri Gutu Gobind Singh College, Chandigarts sector 26	Ankit	Garg	ankitgarg1207@yahoo.com	MALE
15	Sri Guru Gebint Singh College ,Chandigarh sector 26	harish	twan	harishtwari377@gmpll.com	FEMALE
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26	Sri Guru Gobind Singh College , Chandigarh sector 26	Yash	Madaan	Sector and the sector of the s	FEMALE
	Sri Guru Gobind Singh College .Chandigarh sector 26	Sukhmani	Kaur	Sukhinsni1998@gmail.com	FEMAL
	Con Come Cohind Singh College Chandigart source	Nisha	Thakur	nt64774@gmail.com	ALL AND A
-	Sri Guru Gobind Singh College, Changigart sector 21	Bahul	Singh .	rahulo marrahu/0502@gmail.com	MALE

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THE EXCLUSION STATE

The Principal

Sn Guru Gobind Singh College

Sector-26 Chandigarh

Subject: To Conduct Online Training on Digital Marketing

Respected Madam

Innovation Cell in association with PG Department of Computer Science is proposing to conduct an Online Training Programme on Digital Marketing for all Final Year Undergraduate and Postgraduate Students sponsored by HDFC Bank & Friends Union for Energising Lives (FUEL). It is free of Cost for students.

Allowed

Honourable Captain Amrarinder Singh(CM), Punjab had launched Future Skills Initiative of FUEL for , youth of Punjab.

The Proposal of the Program is attached. Permission may kindly be granted for conducting the event.

Thanking You

Tarenjit has

Dr. Taranjit Rao

(Coordinator Innovation Cell)

Ms. Meena Jindal

(Placement & Training Incharge)

PG Deptt of Computer Science





Journal of Alloys and Compounds Volume 859, 5 April 2021, 158232



Unraveling the effect of isotropic strain on the transport properties of half-Heusler alloy LiScGe

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Received 16 August 2020, Revised 20 November 2020, Accepted 5 December 2020, Available online 17 December 2020.

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Evidence of $ZnCO_3$ interstitial phase in carbon implanted ZnO(002) thin films and room temperature ferromagnetism

Sanjeev Gautam^{a,*}, Pardeep K. Thakur^{b,**}, Shalendra Kumar^c, Ranber Singh^d, Di-Jing Huang^e, Younghak Kim^{f,***}, Keun Hwa Chae^g

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ARTICLE INFO

Keywords: Ion implantation ZnO X-ray absorption spectroscopy X-ray linear dichroism

ABSTRACT

High resolution X-ray diffraction (HRXRD) pattern of highly c-oriented (002) thin film provide a direct evidence of the formation of R-3c orthorhombic ZnCO₃ structural phase. Room temperature ferromagnetism (RTFM) is measured using bulk vibrating sample magnetometery (VSM). A strong orbital anisotropy has been observed by X-ray linear dichroism (XLD) experiment, which also supports that ZnCO₃ phase is structurally non-distortive after carbon-implantation. The absence of X-ray magnetic circular dichroism (XMCD) signal at O K- and C K-edges suggest that bulk VSM ferromagnetism is not related to the magnetic polarization of O 2p/C 2p orbitals hybridized with Zn-states. These experiments clearly indicate that the complex C–ZnO/ZnCO₃ phase should be ferromagnetic having out-of-plane/in-plane orbital reconstruction.

1. Introduction

The fast emerging technology, so-called 'spintronics', is based upon the devices that use spin as degrees of freedom for processing the information. It has revolutionized the information technology by enhancing the device performance, reducing power consumption and providing new device designs. The phenomenon of room temperature ferromagnetism (RTFM) in metal oxides has been a hot topic because of its applications in spintronics [1,2]. In last decade, this phenomenon of RTFM has been widely investigated in ZnO, TiO₂, HfO₂ and Cu₂O [3–7]. The ferromagnetic ZnO has a lot of scientific interest and one of the most promising materials due to its wide band-gap and large exciton binding energy [3,8].

However, the exact reason for ferromagnetism in this material is still an open issue. Earlier investigations show that RTFM may arise from lattice defects i.e. O-vacancies (V_O) or Zn-interstitials, in undoped/ doped ZnO thin films and its nanostructures [6,9–12]. Ferromagnetic behavior has been reported in defect-containing ZnO single crystal, where the defect induces magnetic ordering [13,14]. Overall, the origin of ferromagnetism in ZnO remains controversial, either it is due to surface defects [15] or oxygen vacancies (V_O) [16,17] and/or Zn-vacancies (V_{Zn}) [18,19].

Theoretical calculations have proved that the origin of magnetism is due to the unpaired or dangling 2p states of O-atom in the immediate vicinity of V_{Zn}, inducing spin polarization at the top of the valence-band (VB) [18], while the vacancy-induced magnetism resides only on the surface of ZnO [20]. Stoner et al. proposed that strong exchange interaction between O 2p orbitals and the large effective masses on top of the VB, is responsible for spontaneous ferromagnetism, which is possible by acceptor doping at the O-sites in ZnO matrix [20,21]. Yi *et al.* also reported that doping appropriate elements into ZnO can stabilize cation vacancies and form holes, which mediate the ferromagnetism [22]. Nayak *et al.* has shown using first principle calculations that C-atoms substituted at O-sites form C–ZnO complexes with a magnetic moment of

https://doi.org/10.1016/j.vacuum.2020.109897

Received 24 June 2020; Received in revised form 6 October 2020; Accepted 2 November 2020 Available online 17 November 2020 0042-207X/@ 2020 Elsevier Ltd. All rights reserved.





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House + ALP Conference Proceedings + Volume 2005, https://50016636

🔒 No Access + Published Online-05 November 2020

Pressure induced enhancement in the power factor of p-type LiScSi half-Heusler alloy

AIP Conference Proceedings 2265. 030454 (2020): https://doi.org/10.1063/5-0016656

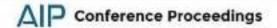
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ABSTRACT TOOLS



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an Access + Published Online- 05 November 2020

Structural, electronic and thermoelectric properties of twodimensional GeSe bilayer

AIP Conference Proceedings 2265, 030683 (2020); https://doi.org/10.1063/5.0016843

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ABSTRACT TOOLS

Frequency Dependence Studies of Acoustical and Thermo-Dynamical Parameters of The Binary Mixtures of Isopropyl Sulphide And Acetic Acid

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Devinder Pal SINGH

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Abstract: - Using thermal expansivity and ultrasonic velocity data for the binary mixtures of isopropyl sulphide and acetic acid, at room temperature, a number of acoustical and thermo-dynamical parameters such as Moelwyn-Hughes parameter (C_I) , reduced volume $(\tilde{\nu})$, fractional free volume (f), repulsive exponent (n), Sharma's constants (S_0) , isobaric (Γ_b) , isochoric (Γ_c) , isothermal Gruneisen parameters (Γ_T) , Bayer's non-linear parameter (B/A), Lattice Gruneisen parameters (Γ') , cohesive energy density (ε_i) and interaction parameter (ζ) has been evaluated. The frequency dependence of these parameters has been investigated at various concentrations of the binary mixture under study, within the frequency range 1-7 MHz. The variations of these parameters with change in the composition of the mixture and variation of frequency of the ultrasonic waves, propagating in the medium, have been used to explain the molecular interactions, anharmonicity and structural information about the systems under study. The obtained results indicate a decrease in intramolecular modes of vibration and anharmonicity in liquid mixture at higher frequency. These also suggest that binary mixture of isopropyl sulphide and acetic acid becomes less associative and hence weak interaction forces dominate at higher frequency.

Keywords: - Thermal expansivity, molecular interactions, anharmonicity, structural information.

1. INTRODUCTION

The thermo acoustical parameters play an important role in understanding the significance of microscopic factors such as molecular order, molecular cohesion and intermolecular interactions in solids, liquids and their binary solutions. These parameters are useful quantities in studying the internal structure and anharmonicity. Several approaches have been proposed to evaluate thermoacoustical parameters for a wide variety of liquids, polymers and liquid crystals. Some of these parameters are of fundamental significance in the equation of state calculations, which serves as an effective guide in determining the mechanism of ultrasonic absorption in liquids and their mixtures.

The investigation of thermo-dynamical and ultrasonic velocity data for a binary mixture helps us

Evidence of antimagnetic rotation in ¹⁰⁰Pd

S. Sihotra,^{1,*} D. Kumar,¹ M. Kaur,¹ V. Singh,¹ S. Saha⁽⁰⁾,² J. Sethi,² R. Palit,² N. Singh,¹ and D. Mehta¹

¹Department of Physics, Panjab University, Chandigarh 160014, India

²Department of Nuclear and Atomic Physics, Tata Institute of Fundamental Research, Mumbai 400005, India

(Received 19 May 2020; accepted 28 August 2020; published 16 September 2020)

Lifetimes of states in a negative-parity band involving the $vh_{11/2}$ orbital in ¹⁰⁰Pd have been determined through Doppler shift attenuation method (DSAM) measurements performed using Indian National Gamma Array (INGA) spectrometer. The measured quadrupole transition rates, B(E2), exhibit a decreasing behavior with increasing angular momentum and with large observed $\Im^{(2)}/B(E2)$ values. The experimental observations and semiclassical particle-rotor model calculations favor the antimagnetic rotation (AMR) phenomenon based on the $\pi (g_{9/2})^{-4} \otimes v[h_{11/2} (g_{7/2})^3]$ configuration for the negative-parity band in the ¹⁰⁰Pd isotope.

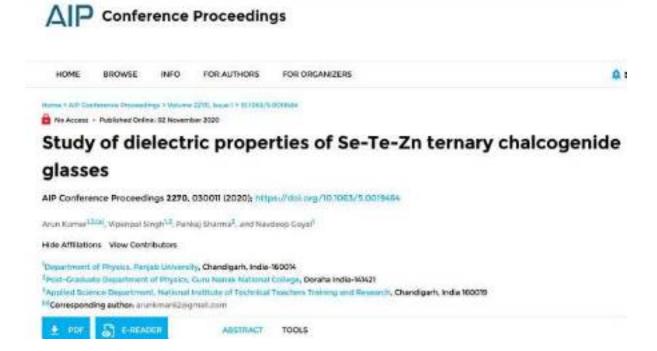
DOI: 10.1103/PhysRevC.102.034321

I. INTRODUCTION

Antimagnetic geometric structure in a nucleus consists of twin shears, with two proton blades symmetrically coupled to a neutron blade. This geometry retains the $R_z(\pi)$ symmetry, and weak E2 transitions are observed due to small deformation. The protons are coupled in a way such that the perpendicular components of the magnetic moments, μ_{\perp} , exactly cancel each other. Thus, dipole transitions (M1) are not observed and the energy levels in the band are connected by weak E2 transitions reflecting a nearly spherical core. Anisotropy in the current distribution due to the presence of a few high spin particles and holes outside the nearly spherical core is responsible for antimagnetic rotation (AMR) within the framework of the shears mechanism [1-3]. The shears mechanism is prevalent in nuclei in the mass $A \approx 100$ region due to the presence of valance particles and holes in the vicinity of the N = 50 shell closure. In this scenario, the coupling for this mass region is such that two pairs of stretched $\pi g_{9/2}$ holes point in opposite directions and gradually align along the direction of the stretched $h_{11/2}$ neutrons. Another similar phenomenon has been interpreted as smoothly terminating bands of regular bandlike structure with different characteristic features where the similar decreasing trend of B(E2) values was observed for several nuclei. These bands show the characteristic of gradually decreasing dynamic moments of inertia with increasing spin in contrast to a fairly constant dynamic moment of inertia (without any collective contribution) in the case of AMR. To date, observations of AMR bands have been reported in many weakly deformed Cd and Pd nuclei in the $A \approx 100$ region. On the basis of lifetime measurements, AMR bands based on different configurations have been observed in ^{105–108,110}Cd [4–10] and ^{101,104}Pd [11,12]. Similarly, possible AMR bands have been reported in ^{142,143}Eu [13,14]. The observed slower fall of B(E2) values in ¹¹⁰Cd as compared to those observed in pure AMR bands in the 106,108 Cd isotopes evidences an interplay between antimagnetic and core rotation [10]. The fall of B(E2) values in 105 Cd [4,15] was explained within the framework of tilted axis cranking based on covariant density functional theory with polarization effects, and this framework also supports the two-shears-like mechanism in AMR.

The present work focuses on new experimental data obtained for the excited states of ¹⁰⁰Pd. Prior to this work, high-spin states in this nucleus were investigated successively by Perez et al. [16] and Zhu et al. [17], and level structures up to $E_x \approx 16$ MeV excitation energy and spin $I \approx 25\hbar$ were reported. Perez *et al.* [16] reported maximal spin alignment states in various band structures on the basis of cranked Strutinsky-type total Routhian surface calculations. Also, possible evidence for the existence of octupole correlations in ¹⁰⁰Pd is discussed. Zhu et al. [17] provided evidence of AMR for a rotational-band-like cascade of transitions in the yrast negative-parity band in ¹⁰⁰Pd on the basis of (i) the small deformation associated with these transitions, as evidenced by very limited lifetime information estimated from the experiment, and (ii) very large estimated $\Im^{(2)}/B(E2)$ ratios in the range of 230–1120 $\hbar^2 \text{MeV}^{-1}(eb)^{-2}$. The results were in agreement with expectations from theoretical results, and angular momentum in this band is proposed to be mainly generated by "bending " the side prongs, formed by the pairs of stretched $\pi g_{9/2}$ holes, along the axis of rotation. The work clearly demands a full Doppler shift attenuation method (DSAM) measurement of lifetimes for the yrast negative-parity band to confirm the novel AMR phenomenon. In the present work, the level lifetimes have been measured for the yrast negative-parity band of ¹⁰⁰Pd by DSAM [18] using an advanced array of Compton-suppressed clover detectors [19]. The present experimental results are discussed in the framework of semiclassical particle-rotor model [10] to support the AMR phenomenon. Preliminary reports on the present studies have been reported earlier [20].

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Nanocomposites Materials as Environmental Cleaning



Kirtanjot Kaur, Vaneet Kumar, and Saruchi

Abstract Remediation of the environment with the help of nanocomposites is a thrust area. Nanocomposites are high-performance materials with an extensive range of applications not only in engineering, plastics, elastomers, pest detection control, and agricultural productivity but also in the remediation of the environment from various hazardous pollutants. This chapter will provide an insight into the various types of nanocomposites, its composition, and its application in the removal of specific contaminants. A good attempt has been made to provide brief of various types of nanocomposites used for remediation of soil, groundwater, and air. Details of different technologies that are commonly employed for this are adsorption, absorption, chemical reactions, filtration, and photocatalysis will be elaborated. The chapter entails an overview of the treatment of pollutants like heavy metals, dyes, chlorinated organic compounds, halogenated herbicides, organophosphorus compounds with a smarter and greener approach using nanocomposites as compared to conventional methods, their applications in building, slow release of fertilizers and medicinal applications highlighting their role in the remediation of the environment.

Keywords Nanocomposites · Types · Environment remediation · Graphene-based nanomaterials · Silica nanomaterials · Polymer-based nanomaterials · Building and environment · Slow-release of fertilizers

V. Kumar (ES) Department of Applied Sciences, CT Group of Institutions, Shahpur Campus, Jalandhar, Punjab 144020, India e-mail: vaneet2106@gmail.com

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M. Jawaid et al. (eds.), Environmental Remediation Through Carbon Based Nano Composites, Green Energy and Technology, https://doi.org/10.1007/978-981-15-6699-8_7

K. Kaur - Saruchi

Department of Chemistry, Sri Guru Gobind Singh College, Sector 26. Chandigarh 160019, India

Department of Biotechnology, CT Group of Institutions, Shahpur Campus, Jalandhar, Panjab 144020, India



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invites you to a National Webinar on May 20, 2021 at 11.00 am "The Life and Philosophy of Guru Tegh Bahadur Ji" on the occassion of **400th Birth Anniversary of** Guru Tegh Bahadur Sahab Ji **Panel of Experts** Dr Kulwinder Kaur **Dr Amardeep Kaur Dr Shelly Narang Assistant Professor Assosiate Professor Assistant Professor** in Punjabi in Hindi in English

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organized by

Department of Zoology & IQAC, Fakir Chand College, Diamond Harbour

CERTIFICATE OF APPRECIATION

This is to record with sincere appreciation that Dr. RUCHIRA SEN, Assistant Professor, PG Department of Zoology, Sri Guru Gobind Singh College, Chandigarh, has participated as one of the Resource Persons in the National Webinar on "Biology, Behavior & Beyond" organized jointly by the Department of Zoology & IQAC, Fakir Chand College, Diamond Harbour, South 24 Parganas, on June 30, 2021, from 4.30pm to 7.00pm.

Co-ordinator, IQAC Fakir Chand College

Principal Fakir Chand College



ਖ਼ਾਲਸਾ ਕਾਲਜ ਅੰਮ੍ਰਿਤਸਰ Khalsa College Amritsar

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N 58-87 Daved 7/10/19

Dr. Jagdeep Singh. Sri Guru Gobind Singh College, Sector 26, Chandigarh. Email: jagdeepajit@gmail.com

Dear Dr. Jagdeep Singh .

You will be glad to know that autonomous status of Khalsa College Amritsar has been extended by University Grants Commission, New Delhi.

I take pleasure to inform you that as per guidelines of University Grants Commission, you are nominated as member of Board of Studies in Punjabi for a period of three years i.e. 2019-22 as Post-graduate Meritorious Alumnus'.

You will be informed regarding the meeting of Board of Studies accordingly.

With regards,

Yours sincerely.

MILL

(Dr. Mehal Singh) Principal

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ਸਨਵਲ ਸ਼ਿਵਦੇਵ ਸਿੰਘ ਦੀਵਾਨ ਗੁਰਵਚਨ ਸਿੰਘ

ਖ਼ਾਲਸਾ ਕਾਲਾ टिभारत

An Autonomous College ইগরী বুরহুমারা খুরীয়ের উ খুর্বায় মাটার মার্ট খালরী ভুরীবর্ষামির্টা থারিমারা দী মাটারমার দুখ্যর NAAC Accredited 'A' Grade College with Potential for Excellence' Status by UGC

R.6 2019 first ... 07/02/2019

ਨੱਬਰਕੇਸੀਪੀ/2019/ਐਮ.ਐਸ./3522

ਡਾ. ਇੰਦਰਪਾਲ ਸਿੰਘ ਸਿੱਧੂ, ਅਸਿਸਟੈੱਟ ਪ੍ਰੋਫੈਸਰ, ਜੁਆਲੋਜੀ ਵਿਭਾਗ, ਬੀ ਗੁਰੂ ਗੋਬਿੰਦ ਸਿੰਘ ਕਾਲਜ, ਸੈਕਟਰ 26, ਚੰਡੀਗੜ੍ਹ

Zoology

ਵਿਸ਼ਾ: ਜੁਆਲੋਜੀ ਵਿਸ਼ੇ ਦੀ ਬੋਰਡ ਆਫ ਸਟੱਡੀਜ਼ ਲਈ ਮੈਂਬਰ ਨਿਯੁਕਤ ਕਰਨ ਸਬੰਧੀ।

ਸ਼ੀਮਾਨ ਜੀ,

ਮੈਂ ਆਪ ਜੀ ਨੂੰ ਇਹ ਦਸਦੇ ਹੋਏ ਖੁਸ਼ੀ ਮਹਿਸੂਸ ਕਰਦਾ ਹਾਂ ਕਿ ਸ਼੍ਰੋਮਣੀ ਗੁਰਦੁਆਰਾ ਪ੍ਰਬੰਧਕ ਕਮੇਟੀ, ਸ਼੍ਰੀ ਅੰਮ੍ਰਿਤਸਰ ਸਾਹਿਬ ਦੇ ਪ੍ਰਬੰਧ ਅਧੀਨ ਚੱਲ ਰਿਹਾ ਜਨਰਲ ਸ਼ਿਵਦੇਵ ਸਿੰਘ ਦੀਵਾਨ ਗੁਰਬਚਨ ਸਿੰਘ ਖ਼ਾਲਸਾ ਕਾਲਜ, ਪਟਿਆਲਾ ਉਰੇਰੀ ਵਿਦਿਆ ਦਾ ਇੱਕ ਪ੍ਰਮੁੱਖ ਆਟੋਨੌਮਸ ਅਦਾਰਾ ਹੈ।

ਯੂ.ਜੀ.ਸੀ. ਨਵੀਂ ਦਿੱਲੀ ਦੇ ਨਿਯਮਾਂ ਅਨੁਸਾਰ ਜੁਆਲੋਜੀ ਵਿਸ਼ੇ ਦਾ ਬੋਰਡ ਆਫ ਸਟੱਡੀਜ਼ ਗਠਿਤ ਕੀਤਾ ਗਿਆ ਹੈ ਜਿਸ ਵਿੱਚ ਅਕਾਦਮਿਕ ਕਾਊਂਸਿਲ ਵਲੋਂ ਆਪ ਜੀ ਨੂੰ ਮੈਂਬਰ ਨਿਯੁਕਤ ਕੀਤਾ ਗਿਆ ਹੈ।

ਮੈਂ ਇਸ ਨਿਯੁਕਤੀ ਲਈ ਆਪ ਜੀ ਨੂੰ ਵਧਾਈ ਦਿੰਦਾ ਹੋਇਆ ਆਸ ਕਰਦਾ ਹਾਂ ਕਿ ਆਪ ਆਪਣੀ ਵਿਦਵਤਾ ਅਤੇ ਤਜ਼ੁਰਬੇ ਸਦਕਾ ਇਸ ਕਾਲਜ ਨੂੰ ਹਰ ਪੱਖੋਂ ਪ੍ਰਫੁੱਲਤ ਕਰਨ ਲਈ ਪੂਰਨ ਸਹਿਯੋਗ ਦੇਵੋਗੇ। ਆਪ ਜੀ ਨੂੰ ਬੋਰਡ ਆਫ ਸਟੱਡੀਜ਼ ਦੀ ਮੀਟਿੰਗ ਲਈ ਟੀ.ਏ./ਡੀ.ਏ. ਬਣਦੇ ਨਿਯਮਾਂ ਅਨੁਸਾਰ ਦਿੱਤਾ ਜਾਵੇਗਾ। ਇਸ ਦੀ ਅਵਧੀ 01 ਜੁਲਾਈ, 2018 ਤੋਂ ਤਿੰਨ ਸਾਲ ਦੀ ਹੋਵੇਗੀ।

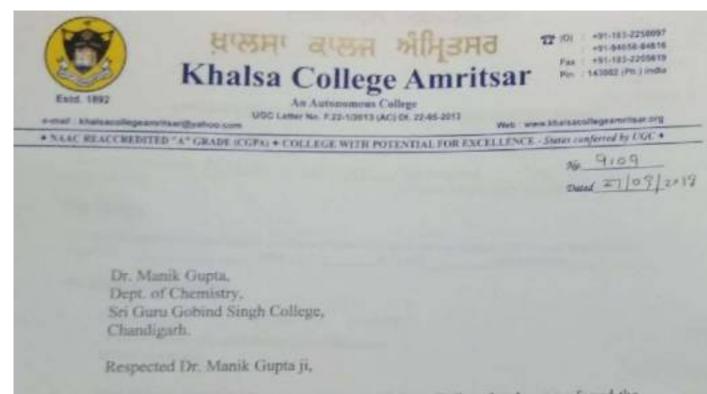
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You will be pleased to know that Khalsa College has been conferred the status of an Autonomous College by University Grants Commission and as per the guidelines of UGC, the Academic Council of Khalsa College Amritsar has nominated you as Meritorious Alumnus on the Board of Studies in P.G. Department of Chemistry for three academic years from 2018-19 to 2020-2021.

The meeting of Board of Studies will be held on 06 October 2018 at 10.30 A.M. in the Department

With regards,

Yours sincerely,

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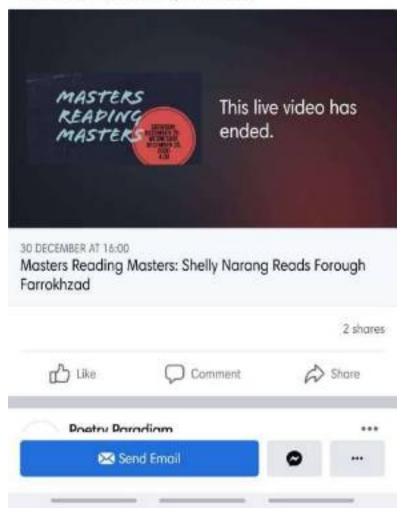
(Dr. Mehal Singh) Principal

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Masters Reading Masters: Shelly Narang Reads Forough Farrokhzad

Poetry Paradigm presents Masters Reading Masters Join us Live on Facebook as we celebrate the arrival of a new year with eminent academicians and educationists reading and reflecting on the works of poets whose oeuvres are institutions by themselves



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Appreciation letter Indox

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to me ~

Dear Dr Shelly Narang

On behalf of the Principal of PGGCG-11, faculty and students of the department of English, I thank you for delivering a talk on the topic, "The Making of a Poem" on 5 May 2021 as a part of the three-day creative writing workshop organised from 3rd to 5th May 2021.

The students found the talk very engaging and informative.

We look forward to more interactions with you in the future .

Best wishes, Maninder Sidhu

Dr Maninder Sidhu Professor and Head, Department of English Coordinator Research Centre in English Post Graduate Government College for Girls Sector-11, Chandigarh





Three-Day International Seminar on

LITERATURES FROM INDIAN SUBCONTINENT : A REVIEW OF DIFFERENT DIMENSIONS



on 08°, 09° & 10° January 2021

Organized by

Department of English, Iswar Saran P.G. College, Prayagraj, U.P. (INDIA)

CERTIFICATE OF PARTICIPATION

This is to certify that

Mr./Ms./Dr Shelly Narang,

Assistant Professor, SGGS College, Panjab University, Chandigarh

has acted as a **Resource Person** and delivered a talk on Cultural Synthesis in Poetry with special reference to Agha Shahid Ali

Three-Day International Seminar on Literatures from Indian Subcontinent : A Review of Different Dimensions during 8-10 January 2021, organized by Department of English, Iswar Saran P.G. College, Prayagraj, U.P. (India).

(Dr. Jai Singh) Organizing Secretary Department of Indian and World Literatures The English and Foreign Languages University Hyderabad

(Dr. Shaista Irshad) Convener ISPG College, Prayagraj

(Prof. Anand Shanker Singh) Principal

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THE ENGLISH AND FOREIGN LANGUAGES UNIVERSITY, HYDERABAD

9, 10, 11, and 12 March 2021

Certificate of Participation

This is to certify that

Dr Seema Chopra Professor, Department of Commerce, Sri Guru Gobind Singh College Sector 26, Chandigarh Assistant Professor, Department

participated in the conference and chaired a session.

Hon'ble Vice Chancellor The English and Foreign Languages University, Hyderabad

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Prof. E. Suresh Kumer

प्राचन भार

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Convener Prof. Samson Thomas Dean School of Literary Studies

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Co-Convener Prof. Kedari Narasimha Rao Head of the Department

Dr. Prachi Kaul Hon ble Director Shastri Indo-Canadian Institute, New Delhi

Elistri

Organizing Secretary Dr. Jai Singh

ACTIVITY ORGANIZED REPORT

(Academic Year: 2020-21)

Name of the activity organized	Workshop
Title of the activity	WordPress Digital Skill Set Basic Course
Date of the activity organized	Jan 22 - 25, 2021
Name of the Coordinator/Convener	Dr Gurpreet Kaur /MS Nambin Sam
Name, designation and brief detail of the Resource Person	Mr Varun, Mr Diviraj, Digiim Solutions Pvt. Ltd, Mohali
Notice/Circular/Brochure (attach as separate file)	Attached
Place of the activity	Online (Google Meet)
No of participants [students (male + female) and staff] Give List of Students as separate file	230 (Around 225 students + 5 Teachers) Attached
Name of sponsored organization	None
Nature of sponsorship (Total grant received if any)	NA
Objective of activity	Impart - Skill-based Training in WordPresss
Outcome of activity	The course gave the students an exposure to navigation around the WordPress dashboard, create pages and posts, find and install plug-ins & themes, create custom menus and navigation to create a static homepage or blogs useful for bloggers.
News published	lifany
None	
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Signature of Coordinator	Guru Gobind Singh College

Participants	Joined		Left		Duration
Nidhi Jain	1/22/2021	12:53:	1/22/2021	12:53:	00:00:03
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Ajay K.c	1/22/2021	12:53:	1/22/2021	12:53:	00:00:03
Ankit Negi	1/22/2021	12:53:	1/22/2021	12:53:	00:00:03
Ashish Sharma	1/22/2021	12:53:	1/22/2021	12:53:	00:00:03
atul singh	1/22/2021	12:53:	1/22/2021	12:53:	00:00:03
AyuSh RaNa	1/22/2021	12:53:	1/22/2021	12:53:	00:00:03
Devam Kumar	1/22/2021	12:53:	1/22/2021	12:53:	00:00:03
Digiim Solutions	1/22/2021	12:53:	1/22/2021	12:53:	00:00:03
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Hitesh Maan	1/22/2021				
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Mandhu

Participants	Joined		Left		Duration	-
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prajwal rana	1/22/2021	12:53:	1/22/2021	12:53:	00:00:	03
PRITAM UNIYAL	1/22/2021	12:53:	1/22/2021	12:53:	00:00:	03
Raj Shekhar	1/22/2021	12:53:	1/22/2021	12:53:	00:00:	03
Rajat Negi	1/22/2021	12:53:	1/22/2021	12:53:	00:00:	03
Rakesh Kumar	1/22/2021	12:53:	1/22/2021	12:53:	00:00	03
Ritik Badola	1/22/2021	12:53:	1/22/2021	12:53:	00:00:	03
Ritik Pathania	1/22/2021	12:53:	1/22/2021	12:53:	00:00	:03
Royal Balram	1/22/2021	12:53:	1/22/2021	12:53:	00:00	:0:
Rupinder Sandhu	1/22/2021	12:53:	1/22/2021	12:53:	00:00:	:03
Sagar Kumar	1/22/2021	12:53:	1/22/2021	12:53:	00:00:	:03
Sahil Dewan	1/22/2021	12:53:	1/22/2021	12:53:	00:00:	:03
Sanchit	1/22/2021	12:53:	1/22/2021	12:53:	00:00:	03
Sandip Singh	1/22/2021	12:53:	1/22/2021	12:53:	00:00:	03
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Simranjit Singh	1/22/2021	12:53:	1/22/2021	12:53:	00:00:	03
Sourabh Rawat	1/22/2021	12:53:	1/22/2021	12:53:	00:00:	03
Suraj	1/22/2021	12:53:	1/22/2021	12:53:	00:00:	03
Suraj Kumar	1/22/2021	12:53:	1/22/2021	12:53:	00:00:	03
Swati Kashyap	1/22/2021	12:53:	1/22/2021	12:53:	00:00:	03
Tanvi Bains	1/22/2021	12:53:	1/22/2021	12:53:	00:00:	03
Vishal Kashyap	1/22/2021	12:53:	1/22/2021	12:53:	00:00:	03

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Participants	Joined	Left	C	Duration
Dr. Nidhi Jain Ka	1/23/2021	13:55: 1/23/2021	13:55:	00:00:02
6011 Saksham	1/23/2021	13:55: 1/23/2021	13:55:	00:00:02
6017 Nitin	1/23/2021	13:55: 1/23/2021	13:55:	00:00:02
6023 dinesh kum	1/23/2021	13:55: 1/23/2021	13:55:	00:00:02
6024 Bhawani th	1/23/2021	13:55: 1/23/2021	13:55:	00:00:02
6025 Kush	1/23/2021	13:55: 1/23/2021	13:55:	00:00:02
6029 Lav Kalsi	1/23/2021	13:55: 1/23/2021	13:55:	
6035 Tajinder Sir	1/23/2021	13:55: 1/23/2021	13:55:	00:00:02
6036Navdeep Si	1/23/2021	13:55: 1/23/2021	13:55:	00:00:02
6048 Abhishek	1/23/2021	13:55: 1/23/2021	13:55:	00:00:02
6056 Vishal	1/23/2021	13:55: 1/23/2021	13:55:	00:00:02
6066Sachin	1/23/2021	13:55: 1/23/2021	13:55:	00:00:02
6080_ Vikas	1/23/2021	13:55: 1/23/2021	13:55:	00:00:02
6128_ Aryan sha	1/23/2021	13:55: 1/23/2021	13:55:	00:00:02
6163_AMAN KUI	1/23/2021	13:55: 1/23/2021	13:55:	00:00:02
6177 Mayank Ra	1/23/2021	13:55: 1/23/2021	1 13:55:	00:00:02
6178 Saurav Neg	1/23/2021	13:55: 1/23/2021	1 13:55:	00:00:02
6183_Piyush Ver	1/23/2021	13:55: 1/23/2021	1 13:55:	00:00:02
		13:55: 1/23/202		
	the second se	13:55: 1/23/202		
7010 Naman Jaje	1/23/2021	13:55: 1/23/202	1 13:55:	00:00:02
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[26] [26] [동일 바라 아름 안송 방송 소리는		13:55: 1/23/202		the second se
		13:55: 1/23/202		
		13:55: 1/23/202		No. 1. And the second sec
		13:55: 1/23/202		
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		13:55: 1/23/202		• · · · · · · · · · · · · · · · · · · ·
		13:55: 1/23/202		in the second second
7031 Ankit	1/23/2021	13:55: 1/23/202	1 13:55	: 00:00:0

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Participants	Joined		Left		Duration	
7033 Ritik Rana	1/23/2021	13:55:	1/23/2021	13:55:	00:00:02	
7038 Piyush Jair	1/23/2021	13:55:	1/23/2021	13:55:	00:00:02	
7040 Gaurav Kur	1/23/2021	13:55:	1/23/2021	13:55:	00:00:02	
Bimal 6146	1/23/2021	13:55:	1/23/2021	13:55:	00:00:02	
Digiim Solutions	1/23/2021	13:55:	1/23/2021	13:55:	00:00:02	
Digiim Solutions Presentation	1/23/2021	13:55:	1/23/2021	13:55	00:00:02	A
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Participants	Joined	Left		Duration
Nidhi Jain	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
6092_Naveen Th	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
6096 _vishal kun	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
6097_Divyansh M	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
6098_ Sahil	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
6100_Mridul Rajį	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
6103 Jagdish	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
6105 _ Dhruv Sh	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
6110_Bikram	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
6112_Anurag Th	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
6114_Suraj Sing	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
6119 Hardik	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
6122_GURJASH	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
6123_Harry Shre	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
6127-Pratham Ar	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
6130 Varun	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
6154_Bigneshw	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
6171_Pratham P	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
7044_Sonu	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
7046 Ashish Tha	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
7049_SARTHAK	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
7053 Ikbalpreet §	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
7058 _Aakash ve	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
7060 rohan	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
7061 Bharat kc	1/23/2021	10:34: 1/23/2021	10:35:	00:00:02
7070 SHAHZEB	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
7071 Aryan chou	1/23/2021	10:34: 1/23/2021	10:35:	00:00:02
7101 Oshan		10:34: 1/23/2021		
Damandeep Kau	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32
		10:34: 1/23/2021		
Gautam Garg 61	1/23/2021	10:34: 1/23/2021	11:01:	00:26:32

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Participants	Joined		Left		Duration	
Gyaaan Kulam	1/23/2021	10:34:	1/23/2021	11:01:	- 00	:26:32
Karanveer_6115	1/23/2021	10:34:	1/23/2021	10:35:	00	:00:02
Manbir Sandhu	1/23/2021	10:34:	1/23/2021	11:01:	00	:26:32
Mandeep Singh (1/23/2021	10:34:	1/23/2021	11:01:	00	:26:32
megha shah	1/23/2021	10:34:	1/23/2021	11:01:	00):26:32
MohdGulseb 307	1/23/2021	10:34:	1/23/2021	10:35:	00):00:02
PRAKRITI Rai	1/23/2021	10:34:	1/23/2021	11:01:	00):26:32
Rajiv Singga	1/23/2021	10:34:	1/23/2021	11:01:	00):26:32
Shailesh Poudel	1/23/2021	10:34:	1/23/2021	10:35	00	0:00:02
Suraj Kumar	1/23/2021	10:34:	1/23/2021	11:01:	00	0:26:32
Umesh	1/23/2021	10:34:	1/23/2021	11:01	00):26:32
Utkarsh Chauhar	1/23/2021	10:34:	1/23/2021	11:01	00	0:26:32
Vijay Kumar	1/23/2021	10:34	1/23/2021	11:01	00	0:26:32
Vijay Tiwari	1/23/2021	10:34	1/23/2021	11:01	. 00	0:26:32
6120_Aditya Kun	1/23/2021	11:01	1/23/2021	11:01	: 00	0:00:00
6161 Dev	1/23/2021	11:01	1/23/2021	11:01	. 01	0:00:00
6166 _sahilthaku	1/23/2021	11:01	1/23/2021	11:01	: 0	0:00:00
6182 Surender k	1/23/2021	11:01	1/23/2021	11:01	: 0	0:00:00
7080 Abhishek S	1/23/2021	11:01	1/23/2021	11:01	: 0	0:00:00
7083 Sourav Set	1/23/2021	11:01	: 1/23/2021	11:01	: 0	0:00:00
7108 Sahil Dhim	1/23/2021	11:01	: 1/23/2021	11:01	: 0	0:00:00
Akash kumar 61:		-	A CONTRACTOR OF A CONTRACTOR O			0:00:00
ankit sharma612	1/23/2021	11:01	1/23/2021	111:01	: 0	0:00:00
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Participants	Joined	Left	Duration
Dr. Nidhi Jain Ka	1/25/2021 13:38:	1/25/2021 13:38:	00:00:02
Akshay Kumar 2	1/25/2021 13:38:	1/25/2021 13:38:	00:00:02
Anjali Verma _62	1/25/2021 13:38:	1/25/2021 13:38:	00:00:02
Bhupinder singh	1/25/2021 13:38:	1/25/2021 13:38:	00:00:02
Diglim Solutions	1/25/2021 13:38:	1/25/2021 13:38:	00:00:02
Diksha Sharma E			
DIVYA VERMA			
GAGAN • 605		the second se	
Gurdeep Singh_f			
gurpreet Kaur60;	1/25/2021 13:38:	1/25/2021 13:38:	00:00:02
	1/25/2021 13:38:	1/25/2021 13:38:	00:00:02
	1/25/2021 13:38:		00:00:02
Kanika Arora 615			00:00:02
Komal Mehra			
Kritik Kumar_614 1			00:00:02
Manish Yadav - (1			00:00:02
manpreet Kaur-6 1	/25/2021 13:38; 1	1/25/2021 13:38:	00:00:02
Mir 613 1	/25/2021 13:38: 1	1/25/2021 13:38:	00:00:02
Muskaan 603 1	/25/2021 13:38: 1	/25/2021 13:38:	00:00:02
Navneet Pabla 6 1	/25/2021 13:38: 1	/25/2021 13:38:	00:00:02
Raghav Moudgill 1	/25/2021 13:38: 1	/25/2021 13:38:	00:00:02
ritika Bhatoa 608 1/	/25/2021 13:38: 1	/25/2021 13:38:	00:00:02
Rueen 618 1/	25/2021 13:38: 1	/25/2021 13:38:	00:00:02
Sambhav Jain 1/	25/2021 13:38: 1	/25/2021 13:38:	00:00:02
Sanjana Sharma 1/			00:00:02
Savita Rani613 1/			00:00:02
	25/2021 13:38: 1	1878명 1978년 1월 1989년 - 1 1987년 1987년 - 1987년 - 1987년 - 1989년 - 1 1987년 - 1987년 - 1987년 - 1987년 - 1989년 -	00:00:02
Shubham Sharm 1/2			00:00:02
Simranjeet Kaur_ 1/2			00:00:02
Sonali Dhiman 1/2			00:00:02
and a second	25/2021 13:38: 1/	All the state of the second state of the	00:00:02 00:00:02

Participants	Joined	Left	Duration	
Vinay Sharma 60	1/25/2021 13:38	1/25/2021 13:3	8: 00:00:02	
Yash Madaan800			8: 00:00:02	the
			Y	Norman

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Participants	Joined	1	_eft		Duration	
Nidhi Jain	1/22/2021	15:06:	1/22/2021	15:08:	00:01	:20
Abhishek Dubey	1/22/2021				00:01	:20
abhishek kumar	1/22/2021				00:00):01
Aditi 140 64	1/22/2021				00:01	:20
Akash Singh Rav					00:01	:20
Aman Kumar 14						:20
AMANDEEPX 14						:20
Amanshu 44	1/22/2021	15:06:	1/22/2021	15:08:	00:01	:20
Ankush CS 140 :	1/22/2021	15:06:	1/22/2021	15:08:	00:01	:20
Anmol Sharma 1	1/22/2021	15:06:	1/22/2021	15:08:	00:01	:20
Anu Bains07	1/22/2021	15:06:	1/22/2021	15:08:	00:01	:20
ANUJ KUMAR 'C	1/22/2021	15:06:	1/22/2021	15:08:	00:01	:20
Anushka Thakur	1/22/2021	15:06:	1/22/2021	15:08:	00:01	:20
Arpit 06	1/22/2021	15:06:	1/22/2021	15:08:	00:01	:20
Chander Parsad	1/22/2021	15:06:	1/22/2021	15:08:	00:01	:20
Chhaya 28	1/22/2021	15:06:	1/22/2021	15:08:	00:01	:20
Digiim Solutions	1/22/2021	15:06:	1/22/2021	15:08	00:01	:20
Digiim Solutions Presentation	1/22/2021	15:06:	1/22/2021	15:08	00:01	1:20
Gaurav Goyat_6	1/22/2021	15:06:	1/22/2021	15:08	00:01	1:20
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Hardik Tiwari	1/22/2021				*	1:20
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	1/22/2021	15:06:	1/22/2021	15:08	: 00:0	1:20
	1/22/2021					1:20
	1/22/2021				10000	1:20
Jassi Lubana	1/22/2021					1:20
Jatin Sharma 14				and the second second	and the second s	1:20
Karamveer Singt						1:20
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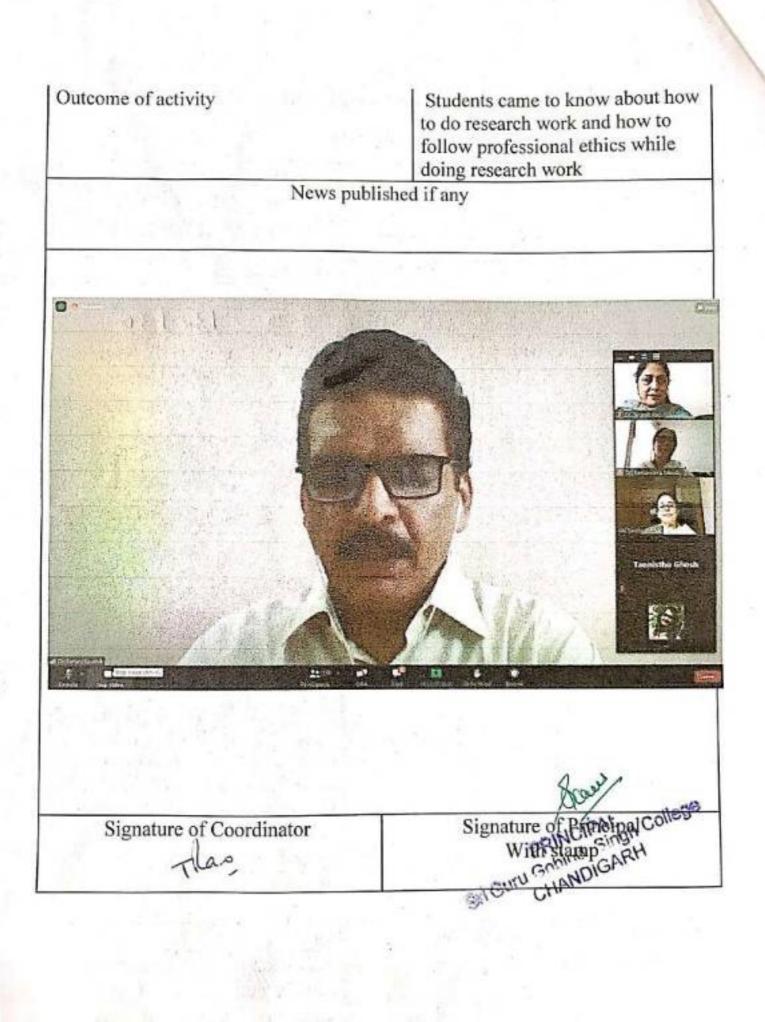
Participants	Joined		Left		Duration	
Medul Lagdhyan	1/22/2021	15:06:	1/22/2021	15:08:	0	0:01:20
Mohd Sahil	1/22/2021	15:06:	1/22/2021	15:08:	0	0:01:20
mohd sahil 14 06						0:01:20
Mohit Parasher						0:01:20
Narinder Singh[1						0:01:20
Paras Saini 14 0:						0:01:20
Ridhi Singla 140		and the second	A CONTRACTOR OF A CONTRACTOR O	and the second		0:01:20
			1/22/2021			0:01:20
rohit kumar	1/22/2021	15:06:	1/22/2021	15:08:	0	0:01:20
Rohit Kumar 20	1/22/2021	15:06:	1/22/2021	15:08:	0	0:01:20
Rohit Mehra 17	1/22/2021	15:06:	1/22/2021	15:08:	0	0:01:20
Sahil Sharma 14	1/22/2021	15:06:	1/22/2021	15:08:	0	0:01:20
Sandip Singh	1/22/2021	15:06:	1/22/2021	15:08:	0	0:01:20
sanjeev sharma	1/22/2021	15:06:	1/22/2021	15:08:	0	0:01:20
Shivam 21	1/22/2021	15:06:	1/22/2021	15:08:	0	0:01:20
Shraddha Arya	1/22/2021	15:06:	1/22/2021	15:08:	0	0:01:20
Shudhanshu Upa	1/22/2021	15:06:	1/22/2021	15:08:	0	0:01:20
Shushank 140-6	1/22/2021	15:06:	1/22/2021	15:08:	0	0:01:20
Simran01	1/22/2021	15:06:	1/22/2021	15:08:	0	0:01:20
sumit sohal	1/22/2021	15:06:	1/22/2021	15:08:	0	0:01:20
Tushar V	1/22/2021	15:06:	1/22/2021	15:08	0	0:01:20
Vikas kumar	1/22/2021	15:06:	1/22/2021	15:08	0	0:01:20
Vishal Kumar	1/22/2021	15:06:	1/22/2021	15:08	0	0:01:20
Himanshu	1/22/2021	15:08:	1/22/2021	15:08	0	0:00:00

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ACTIVITY ORGANIZED REPORT

(Academic Year:)

Name of the activity organized	National webinar
Title of the activity	Promoting academic integrity in research and professional ethics
Date of the activity organized	11.06.2021
Name of the Coordinator	Dr Taranjit Rao
Place of the activity	Online mode
No of participants (students + staff)	i 132+30
Circular/ Brochure/ Notice	Deriver of Dean Research And Innovation Cell Sectors Solution Single College, Sector - 26, Chandigan Sector - 26, Ch
lame of resource person	Dr Sumit Narula, Director Amity School of Communication, Amity University, Gwalior, Mr. Neeraj Paul and Dr Sachin Gurve from Turnitin South Asia
ature of sponsorship (Total grant ceived if any)	Rs 2000
ame of sponsored orgnanization	Turnitin South Asia
bjective of activity	Main aim of this webinar was to explain students about various aspects of academic integrity whil doing research work



Promoting academic integrity in research and ethics

Online attendance

Name	Father's name	Class
1) ABHISHEK ARORA	HARBANS LAL	B.Com II
2) AISHWARYA	RAJESH SHARMA	B.Com II
3) Aishwarya Singh	Rakesh Kumar Singh	B.Com II
4) ALKA RANI	SANJEEV KUMAR	B.Com II
5) Amit	Sanjay singh	B.Com II
6) ANISHA	SUNIL KUMAR	B.Com II
7) ANKIT BAHUGUNA	SHASHI BHUSHAN	B.Com II
8) ANMOL SINGH	AVTAR SINGH	B.Com II
9) ANSHITA SHARMA	MR. RAJESH KUMAR	B.Com II
10) ARSHDEEP KAUR	BALJINDER SINGH	B.Com II
11) ASHU	DHARMENDRA	B.Com II
12) EKNOOR KAUR	SR. TARANJIT SINGH	B.Com II
13) GARIMA	VIPIN KHERA	B.Com II *
14) GAUTAM SINGLA	RAJIV SINGLA	B.Com II
15) Geet Bhatia	Mr. Rajeev Bhatia	B.Com II
16) GEETA	LATE SH. JAGDISH	B.Com II
17) Harleen Chowdhary	Suresh kumar Chowdhary	B.Com II
18) KAMALDEEP KAUR	HARPAL SINGH	B.Com II
19) KASHISH SHARMA	ANUP SHARMA	B.Com II
20) LALIT MOHAN SINGH	SHIVRAJ SINGH	B.Com II
21) LOVELEEN KAUR	and the second sec	B.Com II
22) MADHU GOYAL	MR.VED PARKASH GOYAL	B.Com II
23) MAHESH	RAM MURAT	B.Com II
24) MANPREET	SHAMBHU PASWAN	B.Com II
25) MANVI GUPTA	MR. RAMESH CHAND GUPTA	B.Com II
26) MEGHA ANEJA	RAJINDER ANEJA	B.Com II

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27) Mridusmita Gogoi	S L Gogoi	B.Com III
28) MUSKAN	LATE SH. PARVEEN SINGH DHAKA	B.Com III
29) PIYUSH DHINGRA	AMIT DHINGRA	B.Com III
30) Pooja Kumari	Satish Mishra	B.Com III
31) PUSHPAK GARG	PARVEEN KUMAR	B.Com III
32) RADHIKA	SACHIN BHALLA	B.Com III
33) RAHUL RAWAT	SH. RAVI RAWAT	B.Com III
34) RAHUL SHARMA	SANJAY SHARMA	B.Com III
35) RASHMI	MR. VEDRAM	B.Com III
36) SALONI SHARMA	SUNIL DUTT SHARMA	B.Com III
37) SANDHYA GIRI	SANDEEPAN GIRI	B.Com III
38) SANGAM	KRISHAN MALIK	B.Com II
39) SARITA	JOGINDER RAI	B.Com I
40) SCJAL SHARMA	MANDEEP SHARMA	B.Com I
41) Shakuntla	Ram pher pandey	B.Com I
42) SUNAINA	PARDEEP KUMAR	B.Com I
43) SWATI	KARTAR SINGH	B.Com
44) TANISHKA	ADAM PARSAD	B.Com I
45) TARUNA RATHEE	ANIL RATHEE	B.Com I
46) TSERING ANGMO	KONCHOK TARGAIS	B.Com I
47) Twinkle gandhi	Devender Kumar Gandhi	B.Com I
48) UMA	BASANT LAL	B.Com I
49) VAISHNAVI CHAUHAN	ANIL KUMAR SINGH	B.Com I
50) GAUTAM SINGLA	RAJIV SINGLA	BCOM 1
51) NAMAN SINGLA	AJAY SINGLA	BCOM 2(A)
52) TANISH BANSAL	SATISH BANSAL	BCOM III
53) RAMANDEEP SINGH	SARBJIT SINGH	B.COM 2
54) KASHISH SHARMA	ANUP SHARMA	BCOM 2 HONOURS

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79) Eda Suneetha	EDA JAYARAJU	B.Com		
80) CHETAN SHARMA	ASHWANI KUMAR	Msc IT		
81) VINEET SINGH SAWHNEY	MOHINDER PAL SINGH	MSC BIOTECHNOLOGY		
82) HITESHI KALSY	GURMEET SINGH	MSC(CHEMISTRY)		
83) JASPREET KAUR	DARSHAN SINGH	B.Com		
84) KAJAL	RAJBIR SINGH	MSC PHYSICS		
85) R.SINEGA	RAVI	III B.A ENGLISH		
86) HARNAM KAUR	HARJEET KAUR	MCom 1		
87) MEDHA BATRA	RAJEEV BATRA	Msc		
88) NITISH DUBEY	Yogender Dubey	B.Com		
89) MOHIT SINGH	SHAILESH SINGH	BCOM 1		
90) ANKIT BHARDWAJ	PARDEEP KUMAR	B.COM -1		
91) LAKSHANG SHARMA	KULBHUSHAN SHARMA	BCOM SECOND YEAR THIRD SEMESTER SECTION A		
92) KARAN SACHDEVA	KULWINDER KUMAR	BCOM 3RD YEAR (SEM-5)		
93) SEEMA	H L Chabra	B.Com		
94) TEJAS PATIL	DURGABAPU PATIL	B.COM 1st year		
95) GURSEV SINGH	GURPAL SINGH	B.COM 2 (3rd semester)		
96) HITESH SHARMA	JATINDER SHARMA	BA 2		
97) KRISH SONI	SUNIL KUMAR	B.COM		
98) MUDIT BHARGAVA	VINAY KUMAR	B.com 1		
99) ANKIT BAHUGUNA				

55) JATINGARG	ROSHANLAL	BCOM		
56) KANIKA	Brahmpal Nayyar	B.COM 5TH SEM		
PRIYA	ANIL KUMAR RANA	MASTER OF CHEMISTRY		
57) BHANU PUNJ	Mr. J.A PUNJ	M.S.C chemistry		
58) SAGAR AHLAWAT	JAI BHAGWAN	MSC PHYSICS 2ND YEAR STUDENT		
59) Ritika Rana	PAWAN KUMAR	Msc. MICROBIAL BIOTECH		
60) KULDEEP	SURESH	Msc phy 2		
61) DIVYA MEHTA	MAN MOHAN MEHTA	Msc chemistry		
62) ANISHA VERMA	SUSHIL KUMAR	Msc. Chemistry		
63) NAVPREET KAUR	HARPEJ SINGH	MSC BIOTECH-1		
64) DIKSHA RANI	MOHINDER CHAND	MSC MICROBIAL BIOTECHNOLOGY-		
65) Sanjana Nayak	Satrughan Nayak	MSC Microbial Biotechnology		
66) SUNAINA	JAGMAL	Msc chemistry 1		
67) AVNI GOEL	DINESH KUMAR	MSC MICROBIOLOGY BIOTECHNOLOGY		
58) KASHISH AGGARWAL	VIKAS KUMAR	M.sc. Biotechnology Semester- 2		
59) TEJASVINI RANA	SANJEEV RANA	M.SC 2 CHEMISTRY		
70) Apoorva Katoch	Nand Lal Katoch	B.Com		
1) HAPPY SINGH	JARNAIL SINGH	STUDENT Dastance dept.		
2) PRASHITA JOSHI	SUBHASH JOSHI	MSc CHEMISTRY 1		
73) PAYAL	OM PARKASH	B.Com		
4) YAMIKA SHARMA	NARENDER	MBT-1(msc), DEPARTMENT OF MICROBIAL BIOTECHNOLOGY		
5) NEHA SHARMA	DR. KARAMJEET	MSC CHRMISTRY 1		
6) Vanshita pandit	VIPAN PANDIT	MCOM 1		
7) R. SHOWMYA	RAVI	B.Ed		
8) SHUBHAM CHAUHAN	GURCHARAN	B.Com		

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102	Arush Jindal	Rajan Jindal	BSC3 NON MEDICAL	
103	ASHU SAINI	AMAN KUMAR	BCOM - 3	
104	SHUBHAM NAUTI	YAL RAJINDER NAUTIYAL	BCOM 2	
105	rundin phana	Vikas bhalla	B. COM 2	
105	ТАЗН	SANJEEV KUMAR	B.com 2a	
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110.	GURSHARAN	DINESH PARSAD	B.COM	
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111.	KANIKA RAJVANSH	II RAJVANSHI	B.COM	
112.	ANAMIKA ARORA	NARESH ARORA	BCOM 3 D	
113.	VIVEK KUMAR	VINOD KUMAR	BCOM1	
114.	RUPALI CHOPRA	RAJINDER CHOPRA	BCOM 3	
115.	GURJANT SINGH	JAGDEEP SINGH	B.COM 1	
116.	DEEPAK	RAMCHANDER	BCOM2	
117.	RITIKESH	Sh. VINOD KUMAR	BCOM 2ND	
118.	ANUJ KUMAR	MANOJ PRASAD SAH	B.SC. COMPUTER SCIENCE 1 YEAR	
119.	GURPARTAP SINGH	RATTAN SINGH	всом	
120.	ANSHITA SHARMA	RAJESH KUMAR	BSC MEDICAL-3	
121.	KANISHK ATTREYA	SUSHIL KUMAR	BCOM3C	
The second se	ADESH KUMAR URYA	RAMA SHANKAR	BCOM-3A	
123. AN4	ANUJ KUMAR	SUNIL KUMAR	BCOM	
124.	SANCHITA BATRA	PARVEEN KUMAR BATRA	BCOM2A	
125.	NIDHI KUMARI	BHAVESH KUMAR		
126.	KOMALMEHRA	VIJAY KUMAR	B.COM	
127.	RASHMITA		MSC- IT	
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	A Destant services	BAJRANG BANSAL	Bcom 1	
129.	Contraction of the Contraction o	RAJIV ARORA	B.com 2 (A)	
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131.	JASBIR SINGH	HEMRAJ	BCOM 3D	

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ACTIVITY ORGANIZED REPORT (Academic Year: 2020-21)

(Academic	Year: 2020-21) / (T., Scie
	Vear: 2020-21) Department of Computer Scie Dignal Collage Making Competition
Name of the activity organized	Digital Collage Making Conspetition
Title of the activity	Digital Collage Making Competition on Topic "Online Security And Digital Strength"
Date of the activity organized	Feburary 09,2021
Name of the Coordinator/Convener	Meena Jindal
Name, designation and brief detail of the Resource Person	
Notice Circular/Brochure (attach as separate file)	Attached
Place of the activity	Online Mode
No of participants (students (male + female) and staff]Giv e List of Students as separate file	64 students
Name of sponsored organization	infomaths Solutions
Nature of sponsorship	Cash Prizes of (Rs 2100/-)
Objective of activity	With a theme once again of "Online Security and Digital Strength", the day will call upon all stakeholders to join together to make the internet a safer and better place for all, and especially see children and young people.
Outcome of activity	To educate the students the amazing range of information and opportunities online, and its potential to inform, connect and inspire us, whilst also benche at how young people can separate fact from fiction.



Red. No 306

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The Principal

on Ganz Ginbind Singh Collinge

Sector-26, Chandleath

Subject. Permussion and sanction of fund for Organising Digital College Making Comparison

Respected Sir

The Department of Computer Science is proposing to organize vitre College "Digital Callege Making Competition" on \$* February 2021, on the occasion of Safer Internet Day ' Permission may mody the granted for organising the event. Also, it is requested that the sanction muy kindly be accorded for the amount of Rs 2100 for prizes for the winners. The first second and third prize moving is its 800, Rs 700, Rs 600 Respectively. Recommented & Jonoment for approch plane

Thanking You

Yours Sincerely,

(Dr. Gurpreet Kaur)

HDD Dept. of Computer Science

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SRI GURU GOBIND SINGH COLLEGE SECTOR-26 CHANDIGARH

PG Department of Computer Science

is organising

Inter - College

Digital Collage Making Competition

Sponsored by

INFOMATHS

on

Online Security & Digital Strength

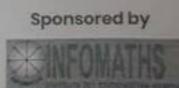
to celebrate

Safer Internet Day

(9th February, 2021)

1st Prize Rs. 800 2nd Prize Rs. 700 3rd Prize Rs. 600 Last date of submitting entries 6th February, 2021 Declaration of Result 9th February, 2021

Coodinator Dr.Gurpreet Kaur HOD, Deptof Computer Science Parton S.Charanjit Singh Principal



Rules and Guidelines

- ules and out coogle image / Collage are proh *
- One student can send only one antry. -
- .
- me collage must be clear and distinctly identified me collage must be send in JPEG/TIFF tomotion .
- Attach College photo ID in JPEG/PDF format *
- .
- Attach College , No entry will be accepted after the last date of the Results will be displayed on social media. (College Facebook Page: Sri Guru Gobind singht -
- Decision of Judges would be final. 0
- .
- E- certificates will be issued to winners and par Winners will be awarded cash prizes. .
- Winners will also get discount coupon from th .

Link for registration and uploading Digital collage https://forms.gle/ogbGEaA8CM9yJFp96 Send queries on dcsa.activity.sggs26@gmail.com

Organising Committee

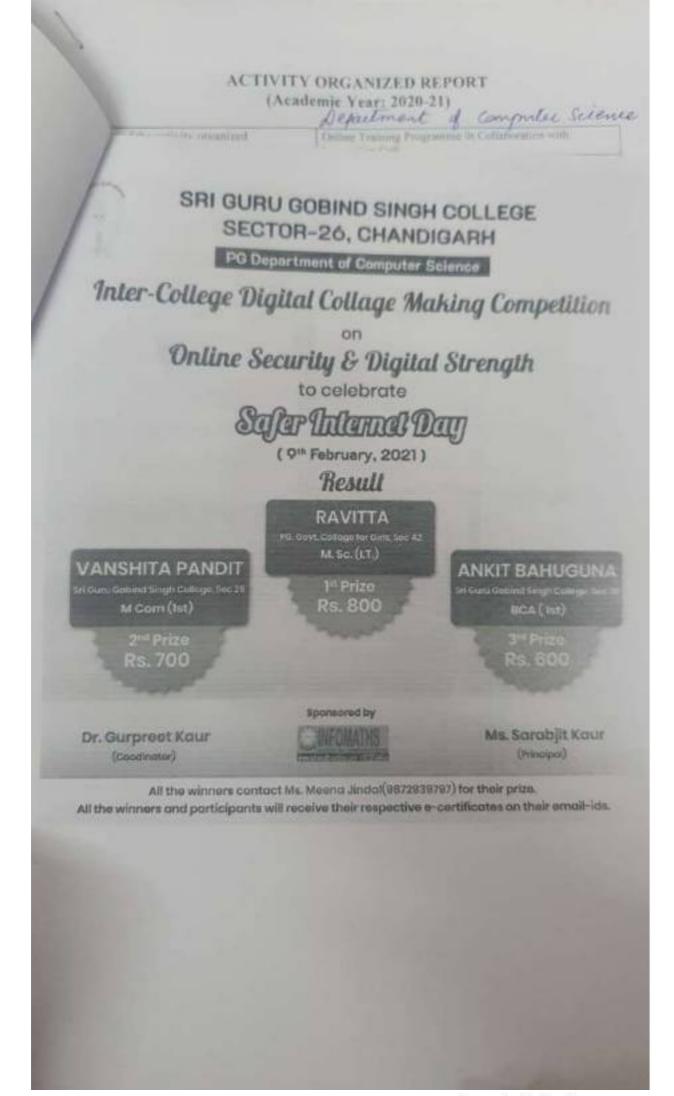
Meena Jindal 9872939797

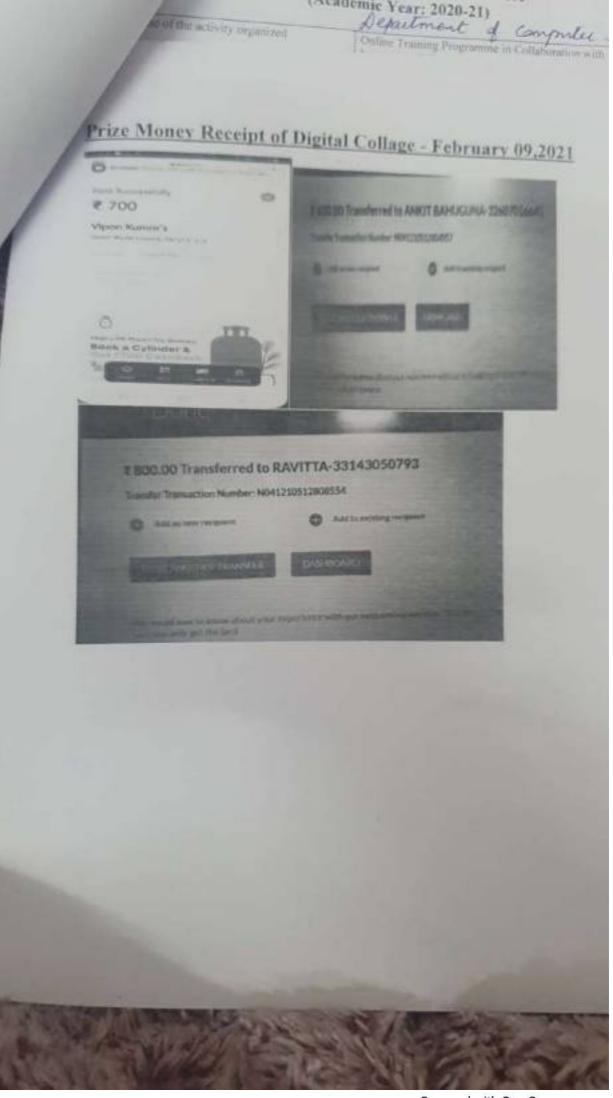
Khushwant Kaur 9501888331

Seema Sharma 8847284016

Garima 8198880878

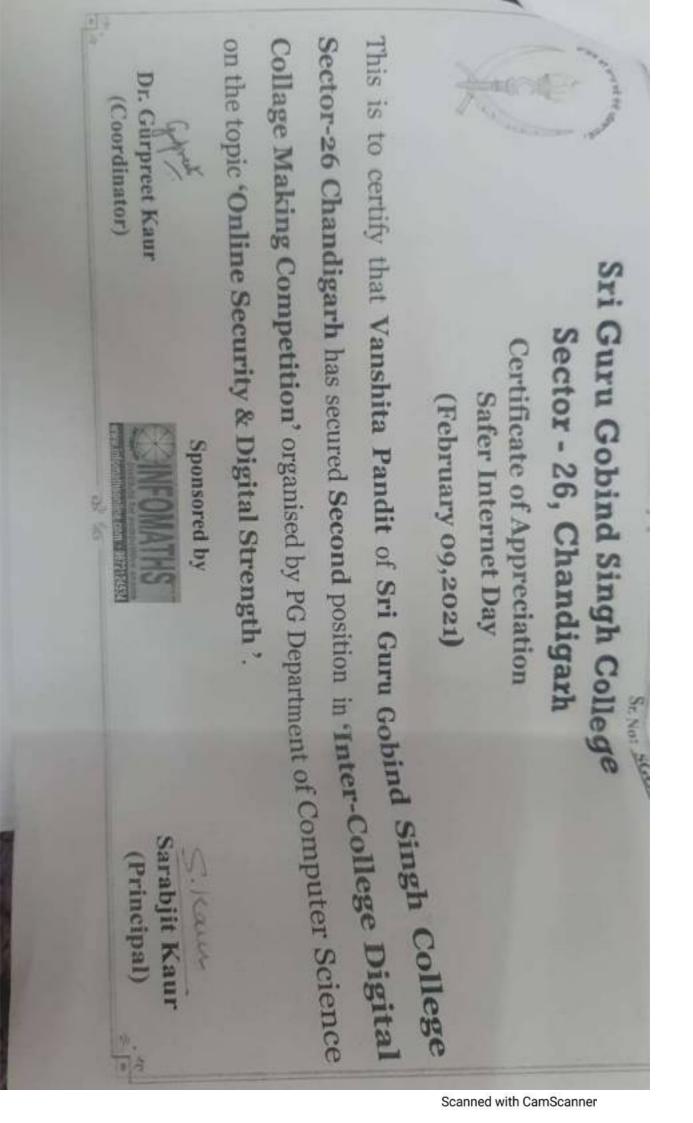
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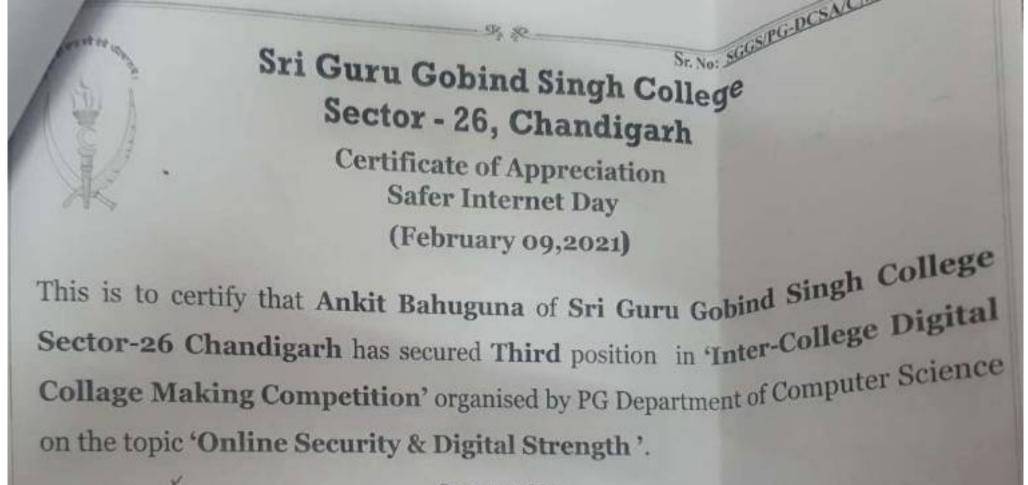




of the activity organized Department Online Training Programme in Computer Science Sr. No: SGGS/PG-DCSA/CM2 S. 20 Sri Guru Gobind Singh College Sector - 26, Chandigarh **Certificate of Appreciation** Safer Internet Day (February 09,2021) This is to certify that Ravitta of Post Graduate Government College for Girls Sector-42 Chandigarh has secured First position in 'Inter-College Digital Collage Making Competition' organised by PG Department of Computer Science on the topic 'Online Security & Digital Strength'. Sponsored by S. Kaur Sarabjit Kaur Dr. Gürpreet Kaur (Principal) (Coordinator)

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Dr. Gurpreet Kaur (Coordinator) Sponsored by

Sarabjit Kaur (Principal)



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Document from University Institute of

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 Engineering and Technology, Panjab

 List of Research Scholars of Mechanical Engineering Department

Su No	Name of the	PU F	Faculty	Other than PU Faculty		
Sr. No.	research scholar	Supervisor	Co-supervisor	Supervisor	Co-supervisor	
1	Aashish Tuli	Prof Amrinder Pal Singh				
2	Gurwinder Singh	Prof Amrinder Pal Singh	Prof Harmesh Kumar		Dr Amandeep Singh Oberoi TIET Patiala	
3	Anurag Thakur	Prof Amrinder Pal Singh	Prof. Manu Sharma			
4	Gagandeep Singh	Prof Amrinder Pal Singh	Dr Amit Chauhan			
5	Gurupkar Singh	Prof Amrinder Pal Singh	Dr Suchi Gupta			
6	Sarabjit Singh	Prof Harmesh Kumar				
7	Rajiv Kumar	Prof Harmesh Kumar			Dr S C Vettivel CCET Chandigarh	
8	Vikas Kumar	Prof Harmesh Kumar	Dr. Rajesh Kumar			
9	Vivek Mehta	Prof Harmesh Kumar	Dr. Rajesh Kumar			
10	Jaswinder Singh Mehta	Prof Harmesh Kumar	Dr. Rajesh Kumar,		Dr Harry Garg CSIO Chd	
11	Mrs Anjali Gupta	Prof Harmesh Kumar	Dr. Rajesh Kumar		Dr Harry Garg CSIO Chd	
12	Jodh singh	Prof Harmesh Kumar	Dr. Rajesh Kumar		Dr Manish Gupta GJUST Hissar	
13	Lakhwinder Singh	Prof. Manu Sharma	Dr Sanjay Vohra			
14	Abhay Singh	Prof. Manu Sharma	Dr. Prashant Jindal			
15	Kawalpreet Singh	Dr Amit Chauhan				
16	Amandeep Singh wadhwa	Dr Amit Chauhan				
17	Priyanshu Mohan Anand	Dr Amit Chauhan			Dr Saroj Bala SGGSC Chd	
18	Chirag Mongia	Dr. Shankar Sehgal		ĺ		
19	Virinder Kumar	Dr. Shankar Sehgal				
20	Vipin Handa	Dr. Shankar Sehgal	Dr Parveen Goyal			
21	Ravinder Kumar Pal	Dr. Shankar Sehgal	Dr Parveen Goyal			
22	Manjeet Kumar	Dr. Rajesh Kumar				

PANJAB UNIVERSITY, CHANDIGARH

The Deputy Registrar (General) Panjab University Dewan Anand Kumar Hall Chandigarh-160014 To

Ms. Anuradha Research Scholar Department of **Physics Panjab University, Chandigarh.** Date

No.ST._

From

Dear Candidate,

The Science Research Board at its meeting held on **8.8.2018** has approved your **Approval of Candidacy** and also the following title of your thesis for the award of degree of Doctor of Philosophy in the Faculty of **Science** / Department of **Physics**:

"EXPLORING HALF-HEUSLER COMPOUNDS FOR THERMOELECTRIC APPLICATIONS"

You are required to pursue research work at this University or an approved centre, as required under the regulations relating to Ph.D., for three years from the date of your registration for Ph D. under the supervision of:

i) Prof. Ranjan Kumar, Deptt. of Physics, P.U. Chd.

ii) Dr. Ranber Singh, Deptt. Of Physics, Sri Guru Gobind Singh Khalsa College, sector-26 Chd.

You will be required to pay the prescribed annual fee from the date of registration. No exemption in payment of fee shall be allowed except in case of a person holding a Panjab University or a University Grants Commission Scholarship or of any other such body, who shall, on being registered, be exempted from payment of monthly fee.

You are required to submit four copies of your thesis to the University (Thesis Section/Secrecy Branch) along with prescribed fee and all certificate/s as required under the regulation/s, at the expiry of three years from the date of your registration. You must not give the name(s) of your Supervisor(s) on the title page or at any other place in your thesis, except on the page(s) dealing with 'Acknowledgement(s).' This stipulation may please be strictly adhered to, failing which, the thesis shall not be accepted by the University.

Yours faithfully,

Sd/-Office Superintendent (Meetings) for Deputy Registrar (General)

Endst.No.ST 2246

Date || || |8

Copy of the above is forwarded to the following for information and necessary action:

- Supervisor: i) Prof. Ranjan Kumar, Deptt. of Physics, P.U. Chd.
 ii) Dr. Ranber Singh, Deptt. Of Physics, Sri Guru Gobind Singh Khalsa College, sector-26 Chd.
- 2. The Chairperson, Department of Physics, P.U., Chd.
- Librarian, Association of Indian Universities, A.I.U. House, 16 Kotla Marg, New Delhi- 110002.

Office Superintendent (Meetings) for Deputy Registrar (General)

DEPARTMENT OF PHYSICS

meeting of the Joint Academie and Administrative Committee (JAAC) of the Department was eld on 28.2.2018 at 3.00 p.m. in the Committee Room of the Department of Physics, Panjab University, Chandigarh. The following members were present:

- 1. Prof. Navdeep Goyal Chairman
- 2. Prof. D.Mehta
- 3. Prof. G.S.S. Saini
- 4. Prof. C.N. Kumar
- 5. Prof. Ranjan Kumar
- 6. Prof. B. R. Behera
- 7. Prof. Vipin Bhatnagar
- 8. Dr. K. S. Bindra
- 9. Dr. Ashok Kumar
- 10. Dr. J.S. Shahi
- 11. Dr. Kuldeep Kumar
- 12. Er. M.D. Sharma
- 13. Dr. Rajesh Kumar
- 14. Dr. Lokesh Kumar
- 15. Dr. Gulsheen Ahuja

Prof. S.K. Tripathi, Prof. Sandeep Sahijpal, Dr. Sunita Srivastava, Dr. Neer Chaudhary were on leave.

The following decisions were taken unanimously:

The Ph.D. Enrolment applications of the following candidates were approved:

		14
Sr. No.	Name	Name of the Supervisor(s)
1	Ms. Sunidhi	Dr. Sunil Arora
2	Ms. Jyoti Babbar	Prof. Vipin Bhatnagar/Dr. Sushil S Chauhan
3	Mr. Sunil Kumar	Dr. Sushil S Chauhan
4	Ms. Preeti	Prof. Ranjan Kumar
5	Mr. Gaurav Kumar	Prof. Rajeev K. Puri
6	Ms. Shailza Pathania	Prof. C.N. Kumar & Dr. Amit Goyal
7	Ms. Ankita Taneja	Dr. Sanjeev Kumar, GGDSD College, 32
8	Ms. Arshdeep Kaur	Prof. B.R. Behera
9	Mr. Shagun Nag	Prof. Ranjan Kumar & Dr. Ranber Singh
10	Ms. Diwanshu	Dr. Ashok Kumar
11	Ms. Deepti Rana	Prof. B.R. Behera
12	Ms. Simrandeep Kaur	Dr. Ashok Kumar
13	Mr. Sanjay Sandhu	Dr. Lokesh Kumar
14	Ms. Ritu Rani	Prof. A.K. Bhati & Dr. Bimal Rai
15	Ms. Shafi'y	Dr. Neeru Chaudhary

doken primel

Contd..2.

Chairperson Decartment of Physics Panjab University Chandigarh-160014

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Panjab University

https://puchd.ac.in/list-researchscholar.php?qno=2

Home PUGMail Contact PU

JT PU	PAN	AB UNIVER	STTY RESE	ARCH	SCHOLARS					
Chancellar				1		1				
n of University	S.No.	Name of the			Registration	Date of	Research Topic	Likely Date		Funding
inistration		Supervisor	the Ph.O. Scholar	ol Ph.D.	Number	Registration		of Completion	Fellowship	Agency of Fellowship
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Oral History	2.	Prof. G.S.S.	Rahul Singla	Pull.	21-	30/11/2021			Na	
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R ALLE FIGHTE	3.	Dr. Lokesh Kumar	Nevneet	Pull	21- 22/195/Pb.D	30/11/2021			Yes	CS3R
DENTS		Kumar.	Ruman	Time	654					
teéons	4.	Prof. S.K.	Swett	Pull.	21+	30/11/2021			Yes	CS3R
ninotion		Tripathi	Sharma	Time	22/194/Ph.D					
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100 March 100 Ma	5.	Prof. S.K. Thipathi	Avinash Kumar	Full	21- 22/197/Ph.D	30/11/2021			Yes	CSIR
pus Student		10.00000			657					
rel Placement Cell	6.	Or. Rajesh	Jasprest	Full	20-	24/07/2020	NA		Yes	CSIR-JRF
tee Online (SBI)		Kumar	Keur	Time	21/12/Ph.D./R a.S					
Pee Onitre (Atom)		Prof. S.K.	Krishma	Full	2020-62-43	20/07/2000		19/07/2023	Nev.	CSIR
er FT Cell	7.	Prof. S.K. Tripathi	AUTORNITY B	Time	2020-02-43	20/07/2020		14/07/2023	Yes	Lask
1.586	8.	Dr. Hanish Dev	Krittika	Full	20-	17/07/2020	NA		No	
onel Service Scheme	<u> </u>	Sharma	10000	Time	21/11/Ph.D./R	C. C. Carrier	11772		100	
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dersitize	9.	Prof. Ranjan Kumar	Savita	Fuli Time	19- 20/618/Ph.D./R	18/05/2020	NA .		Yes	UGC-IRF
metional Students		control .		College.	8.5					
arch-5cholers	10.	Dr. Gulsheen	Versha Rani	Pall	19-	14/11/2019			Yes	CSIR-JRF
	- 337	Ahuje	0.008828000	Time	20/367/Ph.D.	NORSEGERS/			10153	0.65555010
DEMICS		Prof. M.M. Gupta								
artmenta/Centres	11.	Prof. Samarjit	Ashish kumar	Full	19-	14/11/2019			No	
o Learning (UBOL)		Sihotra		Time	20/370/Ph.D.					
n Research D.C./Ausdemic Staff	12.	Prof. Vipin	Shumika	Pull	19-	14/11/2019			No	
Q.C./Academic:Staff qys		8hatnagar	Mehta	Time	20/372/Ph.D.					
8. Competitive Exome.	13.	Or. 3.S. Shahi	Rajwinder	Full	19-	14/11/2019			Yes	CSIR
ey.			Singh	Time	20/379/Ph.O.					
Daarhadh	14.	Dr Sushil Singh Chauhan	Anureet Keur	Full Time	19- 20/438/Ph.D./R	14/11/2019	Inspire-DST		Yes	DST-Inspire
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hadren Barenu	15.	Or: Lokesh	ISHU	Full	19-	14/11/2019			No	
oldee		Kumar		Time	20/368/Ph.0					
epidem	16.	Prof. S.K.	Nancy	Pull	19-	09/09/2019			No	
ensity Configurations		Tripathi		Time	20/155/Ph.D.					
numb gracerous	17.	Prof. C.N. Kumar	Sanjana Bhatia	Full.	19- 20/156/Ph.D.	09/09/2019			Yes	DST-Inspire
EGES				Time					4,000	-
Colleges	18.	Dr. 3.5. Shahi	Kanishk	Full Time	19- 20/157/Ph.D.	09/09/2019			Yes	CSIR
dittarent Callegan	19.	Or. Lokesh	Arushi	nul	19-	11/07/2018			No	
and a second second		Kumar	Dhamija	Time	20/113/Ph.D.	31/07/2019			2770	
UICK LINKS		Dr. Natasha Sharma								
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ster Completet - Caste ad Discontration	20.	Prof. Vipin Bhatnagar	Tanvi	Full Time	19-20/65/Ph.D.	29/07/2019			No	
owt/Videus	21.	Dr. Ashok	Nehe Dhanda	Pull	19-20/78/Ph.D.	29/07/2019			No	
whity Events		Kumar	ter a second	Time	an and all the state				100	
CorrentRises Against	22.	Prof. G.S.S.	Ritu Kadyan	Full	19-20/84/Ph.D.	29/07/2019			Yes	CS3R.
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Veneze Rectinezzal-Cell	23.	Or. Rajesh	Neveen	Pull	19-20/91/Ph.D.	29/07/2019			No	
C/ MAAC		Kumar	Kumar	Time						
	24.	Prof. Rajeev K.	Nevjot Kaur	Full	19-20/67/Ph.D.	29/07/2019	"EXPLORING ISOSPIN EEEECTS IN NACIEAR		No	
Witte Committee		Puri Dr. sakshi	Dhillon	Time			EFFECTS IN NUCLEAR FRAGMENTATION AND			
chih Uharot Abhiyan		Gautam					VAPORIZATION IN FAR FERMI			
ter: DRIKE							ENERGY DOMAIN"			
phone Ofesting	25.	Dr. Hanish Dev Sharma	Sakshi Saini	Full Time	19-20/68/Ph.D.	29/07/2019			No	
erally Forms	140	- 2012 Commit	Dalah Darah		10.30/14/01 5	10/07/2014			162	
kryment / Jobs	26.	Prof. Rajeev K. Puri	Kajat Rana	Full Time	19-20/74/Ph.D.	29/07/2019			No	
t to Information		Dr. Sekshi		data data						
		Gautam								
lers	27,	Prof. B.R. Behera	Raghav	Pull Time	19-20/77	29/07/2019	"STUDY OF PUSION-FISSION REACTION DYNAMICS IN Pb		No	
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pus Portal (Sotrimet)							MEASUREMENTS"			
u Gallery	28.	Prof. G.S.S.	Tamri	- Full	19-20/73/Ph.D.	29/07/2019			No	
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		Dr. Anamika Mukhopadhyay								
	_		Discourse	e	10.	30.037.021			A14	
	29.	Dr. Ashok Kumar	Othruv Migiani		19- 20/201/Ph.D.	29/07/2019			Na	
	30.	Prof. Devinder	Ashutash	Full		03/06/2019	"STUDY OF X-RAY EMISSION		Yes	UGC
	201	Mehta	Kapi		/Ph.D.	44.44(2013	AT NEAR-JONIZATION		1944	262)
		Dr. Senjeev Kumar					THRESHOLD ENERGIES FOR HIGH-Z ELEMENTS IN			
		- And the second					DIFFERENT CHEMICAL			
							STATES"			
	31.	Vipin	Prachi	Pull	18-19/538	11/02/2019	"STUDY OF NEUTRINO		Yes	CSIR
		Bhatnagar	Sharma	Time			OSCILLATIONS AND FLUX SYSTEMATICS IN THE NOVA			
							EXPERIMENT AT FERMILAS"			
	32.	Prof. Hardit	Aayushi	Pull	18-19/541	11/02/2019	"JET PRODUCTION AND THE		Yes	DST-Inspire
		Kaur Dr. Klaus	Singla	Time	interestive effe		NON-PERTURBATIVE CORRECTIONS IN PROTON-			and set of the

PANJAB UNIVERSITY, CHANDIGARH

From	
	The Deputy Registrar (General)
	Panjab University
	Dewan Anand Kumar Hall
	Chandigarh, 160014

To

Mr. Harender Kumar Research Scholar Department of Zoology Panjab University, Chandigarh.

Date

Dear Candidate,

No.ST.

The Science Research Board at its meeting held on **8.8.2018** has approved your **Approval of Candidacy** and also the following title of your thesis for the award of degree of Doctor of Philosophy in the Faculty of **Science**/ **Department of Zoology**

"STUDY OF BRAIN-GUT-AXIS AND BEHAVIOURAL RESPONSE OF ZEBRAFISH, Danio rerio (HAMILTON) TO DIETARY ADMINISTRATION OF PREBIOTIC Arthrospira platensis AND PROBIOTIC Lactobacillus plantarum"

You will pursue research work at this University or an approved centre, as required under the regulations relating to Ph.D., for three years from the date of your registration for Ph.D. under the supervision of:

i) Dr. Ravneet Kaur, Asstt. Prof., Dept. of Zoology, P.U., Chd.
 ii) Dr. Kawalpreet Kaur, Asstt. Prof., Dept. of Botany, SGGS College, Sec-26, Chd.

You will be required to pay the prescribed annual fee from the date of registration. No exemption in payment of fee shall be allowed except in case of a person holding a Panjab University or a University Grants Commission Scholarship or of any other such body, who shall, on being enrolled, be exempted from payment of monthly fee.

You are required to submit four copies of your thesis to the University (Thesis Section/Secrecy Branch) along with prescribed fee and all certificate/s as required under the regulation/s, at the expiry of three years from the date of your registration. You must not give the name(s) of your Supervisor(s) on the title page or at any other place in your thesis, except on the page(s) dealing with 'Acknowledgement(s).' This stipulation may please be strictly adhered to, failing which, the thesis shall not be accepted by the University.

Yours faithfully, Sd/-Office Superintendent (Meetings) for Deputy Registrar (General)

Date

Endst.No.ST. 2579

Copy of the above is forwarded to the following for information and necessary action:

- 1. Chairperson, Department of Zoology, P.U., Chd.
- Supervisors: i) Dr. Ravneet Kaur, Asstt. Prof., Dept. of Zoology, P.U., Chd.
 M) Dr. Kawalpreet Kaur, Asstt. Prof., Dept. of Botany, SGGS College, Sec-26, Chd.
- Librarian, Association of Indian Universities, A.I.U. House, 16 Kotla Marg, New Delhi- 110002.

rintendent (Meetings) Office Su for Deputy Registrar (General)

CHANDIGARH

From

5

The Deputy Registrar (General) Panjab University Dewan Anand Kumar Hall Chandigarh-160014

To

Ms. Rupinder Aulakh Research Scholar Deptt. cum Centre for Women's Studies & Development Panjab University, Chandigarh

Date:

Madam,

No.ST

The Joint Research Board at its meeting held on 31.07.2017 has approved your candidacy as also the following title of your thesis for the award of degree of Doctor of Philosophy in the Faculty of Arts/Department cum Centre for Women's Studies & Development .:

"INDIAN WOMEN AND SOCIAL MEDIA: A STUDY OF SELECTED SOCIO-POLITICAL, ECONOMIC AND ADMINISTRATIVE ISSUES IN CHANDIGARH AND RUPNAGAR"

You are required to pursue research work at this University or an approved centre, as required under the regulations relating to Ph.D., for three years from the date of your registration for Ph.D. under the supervision of:

Prof. Emanual Nahar

You will be required to pay the prescribed annual fee from the date of registration. No exemption in payment of fee shall be allowed except in case of a person holding a Panjab University or a University Grants Commission Scholarship or of any other such body, who shall, on being enrolled, be exempted from payment of monthly fee.

You are required to submit four copies of your thesis to the University (Thesis Section/Secrecy Branch) along with prescribed fee and all certificate/s as required under the regulation/s, at the expiry of three years from the date of your registration. You should not give the name(s) of your Supervisor(s) on the title page or at any other place in your thesis, except on the page(s) dealing with 'Acknowledgement(s).' This stipulation may please be strictly adhered to. failing which, the thesis shall not be accepted by the University.

Yours faithfully,

Sd/-Deputy Registrar (General)

Endst. No.ST. 16953-56

Date 20/9/17

Copy of the above is forwarded to the following for information and necessary action:

- 1. Supervisor: Prof. Emanual Nahar, USOL, P.U., Chandigarh.
- 2. Chairperson, Deptt. cum Centre for Women's Studies & Development, P.U., Chandigarh.
- 3. Librarian, Association of Indian Universities, A.I.U. House, 16 Kotla Marg, Néw Delhi- 110002. 2/12/2200

Office Seperintendent (Regulation PANJAB UNIVERSITY CHANDIGARH

Deputy Registrar (General)

PANJAB UNIVERSITY, CHANDIGARH

From

To

Ms. Rupinder Aulakh Dept. cum Centre for Women's Studies & Development Panjab University, Chandigarh.

No.ST/ 7770

Panjab University

Chandigarh-160014

The Deputy Registrar (General)

Dated: 2.3 11/2020

Dear Candidate,

The Joint Research Board at its meeting held on 10.09.2020 vide (Para 49) has allowed that Dr. Sandeep Kaur, Asstt. Prof., Dept. of Public Administration, SGGS, Sector-26, Chandigarh may be appointment as Co-Supervisor of Ms. Rupinder Aulakh, Research Scholar of the Dept. cum Centre for Women's Studies & Development.

> Yours faithfully, Deputy Registrar (General)

Diary No. 1963/005 & HD Rullinder 23/11/2020



PANJAB UNIVERSITY, CHANDIGARH

From

The Deputy Registrar (General) Panjab University Dewan Anand Kumar Hall Chandigarh 160014 To

Mr. Jaswinder Singh Research Scholar Department of Computer Science & Applications Panjab University, Chandigarh

Date_

No.ST

Dear Candidate.

The Science Research Board at its meeting held on 19.03.2019 has approved your Approval of Candidacy and also the following title of your thesis for the award of degree of Doctor of Philosophy in the Faculty of Science / Department of Computer Science & Applications

"DESIGNING AN EXTENSIVE QUALITY ASSESSMENT FRAMEWORK FOR OPEN SOURCE SOFTWARE PROJECTS"

You will pursue research work at this University or an approved centre, as required under the regulations relating to Ph.D., for three years from the date of your registration for Ph.D. under the supervision of:

i) Prof. Anu Gupta, D.C.S.A., P.U., Chd.
ii) Dr. Preet Kanwal, SGGSC, Sector-26, Chd.

You will be required to pay the prescribed annual fee from the date of registration. No exemption in payment of fee shall be allowed except in case of a person holding a Panjab University or a University Grants Commission Scholarship or of any other such body, who shall, on being enrolled, be exempted from payment of monthly fee.

You are required to submit four copies of your thesis to the University (Thesis Section/Secrecy Branch) along with prescribed fee and all certificate/s as required under the regulation/s, at the expiry of three years from the date of your registration. You must not give the name(s) of your Supervisor(s) on the title page or at any other place in your thesis, except on the page(s) dealing with 'Acknowledgement(s).' This stipulation may please be strictly adhered to, failing which, the thesis shall not be accepted by the University.

Yours faithfully, Sd/-Office Superintendent (Meetings) for Deputy Registrar (General)

Endst.No.ST. 4282

Date 2414 19

Copy of the above is forwarded to the following for information and necessary action:

1. Chairperson, Department of Computer Science & Applications, P.U., Chd.

2. Supervisors: i) Prof. Anu Gupta, D.C.S.A., P.U., Chd., iii Dr. Preet Kanwal, SOGSC Sector 26, Chr.

 Librarian, Association of Indian Universities, A.I.U. House, 16 Kotla Marg, New Delhi- 110002.

Office Superintendent [Meetings] for Deputy Registrar (General)

DEP

DEPARTMENT OF BIOTECHNOLOGY PANJAB UNIVERSITY CHANDIGARH 160014

0172-2534085 (O), Fax: 0172-2541409

No. 9400-01 Pu DBT. Dated: 14- May - 2014.

A meeting of the Administrative and Academic Committee of Biotechnology Department was held on 30.04.2014 at 11.00 a.m. in the Department of Biotechnology, to consider application form and synopsis of following Ph.D. students for consideration by the R.D.C. in Biotechnology. The members approved the subject of thesis and Supervisors as under: -

Name of candidate	Subject of Ph.D. thesis	Supervisor/s
ANUPAMA BHARDWAJ	"TO EXPLORE THE ENDOGENOUS BACTERIAL AND FUNGAL DIVERSITY FOR EFFICIENT TREATMENT OF DAIRY WASTE WATER"	 Dr. Jagtar Singh, Associate Professor. Deptt. of Biotechnology. Panjab University, Chandigarh. Dr. Sonia Chaman, Assistant Professor, Deptt. of Biotechnology, SGGS College, Sector-26 Chandigarh.

Secretar

Panjab University Chandlanth 30/04/2014

Members of Committee:-

- 1 Dr. (Mrs.) Neena Capalash, Chairperson
- 2 Dr. (Mrs.) Jagdeep Kaur, Professor
- 3 Dr. Jagtar Singh, Associate Professor
- 4 Dr. Kashmir Singh, Assistant Professor



Roll No. 5047

Sr. No. 143 Regn. No. 18105000940

Panjab University, Chandigarh (Provisional Certificate)

TO WHOM IT MAY CONCERN

Bhardwaj Ramesh Shri daughter of Bhardwaj Anupama that certify This is to has completed all the requirements for the award of the degree of Doctor of Philosophy of the Panjab Chandigarh (Union Territory) and of the Science / Biotechnology University in the Faculty / Subject of

She wrote her 11.3. thesis entitled TO EXPLORE THE ENDOGENOUS BACTERIAL AND FUNGAL DIVERSITY FOR EFFICIENT

under the supervision of ______1. Dr. Jagtar Singh, Dept. of Biotechnology, P.U., Chandigarh. 2 Dr. Sonia Chaman, Dept. of Biotechnology, SGGS College, Sector-26, Chandigarh.

The degree will be conferred on her at the next convocation of the University.

Chandigarh

Dated: December, 30, 2020

Controller of Examinations



SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh) Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

	MSc IT II - Students List for Project Training						
	2020-21						
S. No	Roll No	Name					
1.	21801	KOMAL MEHRA					
2.	21802	SAMBHAV JAIN					
3.	21803	KOMAL PREET					
4.	21804	PRATEEK NEOLIYA					
5.	21805	SHARANJEET KAUR					
6.	21806	YASH MADAAN					
7.	21807	SHUBHAM SHARMA					
8.	21808	DIVYA VERMA					
9.	21809	SAKSHI DEVI					
10.	21810	HARSHVARDHAN					
11.	21811	SANJANA					
12.	21812	HARMANJEET KAUR					
13.	21813	JYOTI BALA					
14.	21814	SHIVANI MANHAS					
15.	21815	KAJAL SAINI					
16.	21816	HARISH TIWARI					
17.	21817	ANKIT PANT					
18.	21818	GURRAJ SINGH					
19.	21819	KARTIK KALIA					
20.	21820	RAGHAV MOUDGILL					
21.	21821	SONALI DHIMAN					
22.	21822	RISHWANT KAUR					



CERTIFICATE OF TRAINING

This is to certify that SAMBHAV JAIN, a student OF DIGITAL DISCOVERY INSTITUTE,

has successfully completed <u>3 MONTH'S</u> of Training program as a <u>Digital MARKING</u>

During <u>15 MARCH 2021</u> to <u>15 JUNE 2021</u> period of his/her Training program with us,

he/she was found punctual, hardworking and inquisitive.

For SEO Discovery Partner

Mandeep Singh (Managing Director)



SR. NO: MST/HR/ 144/21

TO WHOMSOEVER IT MAY CONCERN

This is to certify that <u>Mr. Kartik Kalia</u> S/O <u>Mr. Deep Kumar</u>, student of SGGS Sector-26 of M.Sc. (LT) College <u>Roll No 21819</u> has been working with us as <u>Mern Stack Developer</u> from <u>January 2021 to June 2021</u> in <u>Mysense Technologies</u> under the supervision of our company. He has taken proper care and show at most sincerity during his working period.

We further certify that this training is up to company expectation.

For Mysense Technologies

(Signature by HR)

Mysense Technologies, D-258, GR Tower, Phase- 8A, Sector 75, Mohali (Pb.), India.



Live Deftsoft Informatics Pvt. Ltd. www.deftsoft.com

Industrial Training Certificate

TO WHOMSOEVER IT MAY CONCERN

Dated: 25.06.21

This is to verify that Mr. PRATEEK NEOLIYA S/o Sh. Dinesh Chandra Student of SGGS COLLEGE SECTOR 26 CHANDIGARH of M.Sc (I.T) Roll No. 21804 has undergone industrial training of 6 months in MERN STACK DEVELOPMENT under the MOBILE DEPARTMENT from March 8th March 2021 until the present.

For Live Defisoft Informatics Pvt. Ltd. Souting S1117

(Signature)

Plot No: E-286, Phase-8A, Industrial Area, Mohali.

Oops InfoSolutions

An ISO 9001:2015 CERTIFIED Oops InfoSolutions Pvt. Ltd.

Ref No:- CGF/170/2021

S.C.O. 112-113, 2nd Floor, Sector 34-A, Chandigarh Ph : 0172-5009244, Mobile : 9855222244 Website : www.oopsinfosolution.com e-mail : info@oopsinfosolution.com

Date : June 24, 2021

Certificate of Training

This is to confirm that Ms. Komal Preet D/O Rashpal Singh, Roll no – 21803, M.Sc. (IT), Panjab University, Chandigarh is completing her 6 months training in Javascript and NodeJS Technology started on 15th March 2021 to Till date from our esteemed organization under the guidance of Mr. Manjit Singh. She developed project titled 'E-Commerce' in Javascript and NodeJS Technology.



Yours Sincerely,

Name : Manjit Singh

Designation : Director

Email ID(Mandatory): info@oopsinfosolution.com

Contact No. (Mandatory): 9855222244,9855222215,01725009244



National Institute of Computer Technology

AN ISO 9001: 2015 CERTIFIED INSTITUTION

NICT,LIONS Club Greater, Bhawan No. 4, Sector 30-A, Chandigarh.160 030 Phone : 9216081724,0172-2650139,7355552581. E-mail : director@nictchd.in

Provisionally Accredited By Ministry of Electronics & Information Technology, Govt. Of India, For NIELIT 'O' Level Computer Course

Dated: 24ND June, 2021

Ref. NICT15/INDTRNG2021/SGGSC/36459

CERTIFICATE OF TRAINING

This is to certify that "<u>Mr. Shubham Sharma</u>" student of M.Sc. I.T. (4th Semester) <u>Sri Guru Gobind Singh College, Sector- 26, Chandigarh has</u> successfully completed <u>Six Months Project Based Industrial Training</u> in <u>Core and Advanced Java</u> from "<u>March 16, 2021 to June 22, 2021</u>".His overall Performance during the training period was "<u>Good</u>".

(Siddharth Arora

Head-Industrial Training & Software Development Division



Cybrain Software Solutions Private Limited An ISO 9001:2008 Certified Company

CIN - U72900HP2012PTC000160

Ref. No.....

Dated 24 06 2.21

To Whom It May Concern

This is to certify that Mr. Ankit Pant S/O Shri. JC Pant student of SGGS College, Sector 26 of M.Sc.(IT) having Roll No. 21817 has undergone industrial training in PHP Technology project from 1st Feb 2021 to 23rd June 2021 at Cybrain Software Solutions Pvt. Ltd. Due to current pandemic situation, he was allowed to work from home. During the training with us, he was found inquisitive and hardworking in performing all his duties. We wish him every success in future.

Sincerely,



Cybrain Software Solutions Pvt. Ltd.

Registered Office VPO Bundla Tea Estate Palampur, Distt Kangra, H.P. 176061 Ph: 0172-4623958 Corporate Office E - 48, Industrial Area Phase VIII, SAS Nagar Mohali, Punjab 160059 Ph: 0172-5053958, 4613958 Branch Office Site No. 1247, Illrd Block BEL Layout, Vidyaranyapura Bengaluru -7, Karnataka Ph: 080-41131015

E-mail: Info@cybrain.co.in Website: www.cybersolutionindia.com



Ref. No.: (S) P)677 [FEB21] 3-93

Dated : 23 66 20

TO WHOMSOEVER IT MAY CONCERN

This is to certify that JYOTI BALA student of SRI GURU GOBIND SINGH COLLEGE SECTOR-26 CHANDIGARH (PUNJAB UNIVERSITY) of M.Sc(IT) University Roll No.66627 and college Roll No. 21813 is undergoing industrial training in our firm CS SOFT SOLUTIONS INDIA PVT. LTD from FEB 2021 to JUNE 2021 in PHP.

During the training She developed a project entitled CAREHUB.

During the training her conduct was found to be EXCELLENT.

CS SOFT SOLUTIONS (I) PVT. LTD. E-300, Indl. Apps, Phase 8-A Monati TRAINING COORDINATOR

Corporate Address : CS SOFT SOLUTIONS (I) PVT. LTD., E-300, Indl. Area, Phase 8-A, Mohali - 160055, Punjab, Ph. : 9501107986, 9815701003 Email : cs@cssoftsolutions.com | Website : www.cssoftsolutions.com Head Office : CS INFOTECH, SCO 2451, IInd Floor, Sector 22-C, Chandigarh, Contact Number : 0172-4017707, 0172-5007164, +91-9815701003 Email : cs@cssoftsolutions.com | Website : www.csknowledgehub.com

Easily add text in PDF

Add

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ThinkNEXT Technologies Private Limited

Asia's Avartos Asia's Casity & Casity &	Certificate do hereby reco Shivani Manhas D/o Rajina	ognizes that
ISO Certified		dustrial Training Program from
Affiliated Affiliated Affiliated INDIAN TESTING BOARD Affiliated	For ThinkWEXT Technologies Pvt. Ltd.	For ThinkNEXT Technologies Pvt. Ltd. Munish Mildal Director Director
Corporate Office: S.C.I	113, Phase XI, Mohali (Punjab)	A Outstanding D Excellent C Very Good D Good D Satisfactory



bebo Technical Education Services Pvt. Ltd.

SCO 156-157, 4th Floor, Near Verka Building, Sector 34-A, Chandigarh. Phone: +91-172-5086508, +91-172-5087508 Email: info@btes.co.in | Website: www.btes.co.in

Date : 01st June 2021

Ref. No. : BTES/TRG./2021/0236

To Whom It May Concern

This is to certify that <u>Mr. Yash Madaan</u>, S/O Sh. Mahesh Kumar Madaan, <u>University Roll No. - 21806</u>, of <u>Shri Guru Gobin Singh College, Sec-26, Chandigarh</u> bearing <u>Reg- ID RCH01190045</u> is undergoing 6 months Industrial Training in <u>Front End Mean Stack Web Development Technology</u> at our organization from Feb'2021 to July'2021.

He is working on project entitled "COVID-19 Tracker" as on date and his final certificate is still pending.

Best Regards, for bebo Technical Education Services Pvt. Ltd. (Authorized Signatory)

Dischamer : This document/mail is intended solely for the addressee and may contain confidential and provileged information. This is digitally generated document shared via official mail, does not required company stamp or signatures. BTES reserves all the rights. Document is shared with genuine watermarks, to avoid any unauthorized usage, disclosure or copying of this mail/document or any part thereof is strictly prohibited. Incase you have received this communication or document is error or tempered please notify in immediately and destroy all the copies.



ERP | IT Consulting | Custom Software Development

Date: June 16, 2021

Training Certificate

This is to confirm that Raghav Moudgill S/O Mr. Mukesh Kumar, Student of Panjab University, Masters of

Science (Information Technology, Batch 2019- 2021) having Roll No 21820,

is completing training of 4th Semester From April 01st, 2021 To Till Date at Abaca Systems

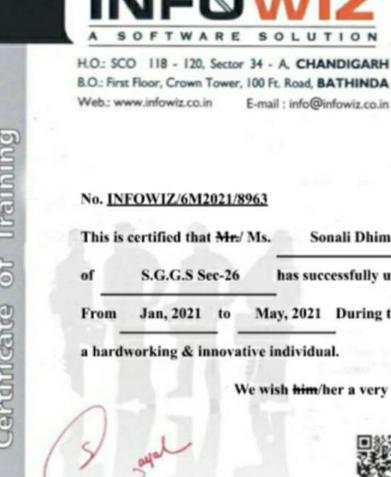
Private Limited.

FOR Abaca Systems Private Limited,



Senior HR Executive&TAC

INDIA CORPORATE OFFICE: Abaca Systems (P) Ltd, F-152, Phase 8-B, Industrial Area, Mohali, Punjab - 160055 | Tel: + 91-172-4009561





We wish him/her a very bright and prosperous future

YEAR

OF

Managing Director

Chandigarh : 0172 4567888, 98885 00888, 98886 00888

Head

WARE

SOLUTION

E-mail : info@infowiz.co.in

Sonali Dhiman

S/D/o. sh.

May, 2021 During the tenure of the above course, we found him/her

has successfully undergone Training Course

Bathinda : 0164 5007088, 90235 00888, 90236 00888

Certificate

Raj Kumar.

Python

ThinkNEXT Technologies Private Limited	National Gratitude Asia's Quality & Entrepremension Business Laaders	Think NEXT Innovation at every step ISO 9001:2015 Certified Company Certificate Provisional	Scan and verify your Certificate Certificate ID:570123 Ref.No. TNT/C-21/4993	
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ninkNEXT Teo	Member of Confederation of Indian Industry ISTOB International Software International Software International Software International Software International Software Affiliated	in <u>Digital Marketing</u> For ThinkNEXT Technologies Pvt. Ltd. Wember Training Division	Grade <u>A</u> For ThinkNEXT Technologies Pvt. Ltd. Munish Millal Director Director	
È	Corporate Office: S.C.	F 113, Phase XI, Mohali (Punjab)	A Outstanding B Excellent C Very Good 100-90% 89-90% 79-70%	D Good E Satisfactory 69-60% 59-50%



17th June 2021

To Whom It May Concern

This is to certify that Ms. Sanjana D/O Shri. Satish Kaushik student of Sri Guru Gobind Singh College of M.Sc. (IT) having Roll No. 21811 has undergone industrial training on Web Application project from 1st February 2021 to 17th June 2021 at Technians Softech Pvt. Ltd. Due to current pandemic situation, she was allowed to work from home.

During the training with us, she found inquisitive and hard working in performing all her duties.

We wish her every success in future.

Sincerely,

For Technians Soltach Pvt. Ltd.

Authority Signatory Technians Softech Pvt. Ltd.

Technians Softech Pvt Ltd 549-550, 5th Floor, Tower-B2, Spaze I Tech Park, Sohna Road, Gurgaon,122018 Phone -0124-4013999 Email: info@technians.com www.technians.com

Mastertech

TO WHOMSOEVER IT MAY CONCERN

Date: 27 February 2021

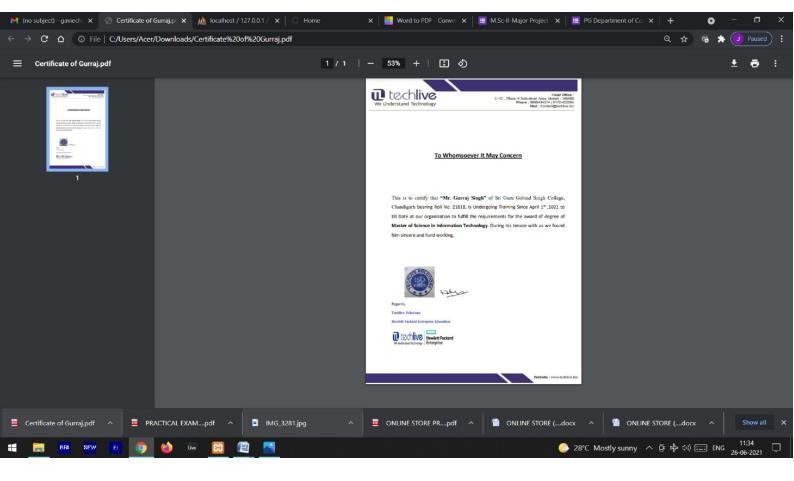
This is to certify that Miss. Divya Verma D/O of Mr. Ram Krishan Student of SGGS Sector-26 of M.Sc (IT) Roll no. 17916000279 has undergone a industrial training in Digital Marketing from ITMastertech from February 2021 to June 2021 on Digital Marketing. During the lockdown period she allowed to work from home and During this period she Handle clients project based on Social Media Marketing. During her training her performance was excellent.

For ITMastertech

Vikas Sharma

Head, ITMastertech (AMBALA)

> #51-A Shankar colony, Jandii, Ambala, Haryana 134003 Contact at : +917988946169







TO WHOMSOEVER IT MAY CONCERN

Dated: 24.06.2021

This is to certify that Ms. Rishwant Kaur D/O Sh. Raghvir Singh, Student of SGGS, Sector 26 of M.Sc. (IT) Class. Roll No. 21822 and PU Roll No.17513002168 has undergone industrial training in Digital Marketing Course from February 2021 to June 2021 on a project of SEO. During the lockdown period she allowed to work from home and she developed a SEO project. During hor training her conduct was found to be EXCELLENT.

Regard P Vishal Pawer

Maneger Visual Media Academy Chandigarh



SCO 114-115, SECTOR 34-A, CHANDIGARH PIN:160022 (O) 0172-4613337, 7696300600 INFO@VISUALMEDIA.CO.IN WWW.VISUALMEDIA.CO.IN



TO WHOMSOEVER IT MAY CONCERN

Date: 25 February 2021

This is to certify that Miss. Sakshi Devi D/O of Mr. Varinder Singh Student of SGGS Sector-26 of M.Sc (IT) Roll no. 17819002801 has undergone a industrial training in Digital Marketing from ITMastertech from February 2021 to June 2021 on Digital Marketing. During the lockdown period she allowed to work from home and During this period she Handle clients project based on Social Media Marketing. During her training her performance was excellent.

For ITMastertech

Warm regards, Vikas Sharma

Head, ITMastertech (AMBALA)



Oops InfoSolutions

Oops InfoSolutions Pvt. Ltd.

Ref No:- CGF/171/2021

S.C.O. 112-113, 2nd Floor, Sector 34-A, Chandigarh Ph : 0172-5009244, Mobile : 9855222244 Website : www.oopsinfosolution.com e-mail : info@oopsinfosolution.com

Date : June 30, 2021

Certificate of Completion of Training

It is hereby certified that **Harshvardhan** S/O Chandarkant Sharma, College Roll Number 21810 of Msc(IT), Panjab University, Chandigarh has successfully completed 6 months training in Php Technology started on 15th March 2021 to 30th June 2021 from our esteemed organization under the guidance of Mr. Manjit Singh. He developed project titled 'NGO' in Php Technology.

We wish for his bright future.



Yours Sincerely,

Name : Manjit Singh Designation : Director Email ID(Mandatory): info@oopsinfosolution.com Contact No. (Mandatory): 9855222244,9855222215,01725009244

CS Soft Solutions (I) Pvt. Ltd. An ISO 9001 : 2015 & ISO / IEC 27001 : 2013 Certified Company

Ref. No.: CSIRI MAR2116m 405

Dated : 31 05 202

ΤΟ,

THE TRAINING & PLACEMENT OFFICER SRI GURU GOBIND SINGH 26 CHD (PANJAB UNIVERSITY)

SUBJECT: - Confirmation for Six Weeks/Months

Industrial Training for B.E / B. Tech / M.E. / M. Tech / MCA / BCA / M.Sc / B.Sc / Diploma

Dear Sir / Madam,

CS Soft Solutions (I) Pvt. Ltd. Company has a bright perspective of become professionally responsive to make students equipped with upcoming technologies to match fast growing.

Requirement of industry.

In response to your Ref. No. CS RY MAR 21 6m 405

I want to certify that <u>HARMANJEET KAVR</u> Student of <u>MSC(IT)</u> under University Roll No. <u>21812</u> is permitted to do His / Her Training In <u>PTH 6N</u> starting from <u>MAR 2021</u>.

CS SOFT SOLUTIONS (I) PVT. LTD. E-300, Indt. A TRAININGC

Corporate Address : CS SOFT SOLUTIONS (I) PVT. LTD., E-300, Indl. Area, Phase 8-A, Mohali - 160055, Punjab, Ph. : 9501107986, 9815701003 Email : cs@cssoftsolutions.com | Website : www.cssoftsolutions.com

Head Office :

CS INFOTECH, SCO 2451, IInd Floor, Sector 22-C, Chandigarh, Contact Number : 0172-4017707, 0172-5007164, +91-9815701003 Email : cs@cssoftsolutions.com | Website : www.csknowledgehub.com

rivate Limited	National Gratitude AwarDS Withers Dozo Asia's Quality & Entreprenership Processor Business Leaders	Think NEXT Innovation at every step ISO 9001:2015 Certified Company	Scan and verify your Certificate Certificate ID:663851 Ref.No. TNT/C-21/4900	Certificate of Excellence
thnologies Pr	AWARDS OF	This Certificate do hereby recogn <i>Sharanjeet Kaur D/o S.Santokh</i> has successfully completed Indus <u>11th February 2021</u> to	Singh	
ThinkNEXT Technologies Private Limited	Member of Confederation of Indian Industry INDIAN TESTING BDARD Affiliated	in <u>Digital Marketing</u> For ThinklikEXT Technologies Pvt. Ltd. Review . Authorised Signatory Member Training Division	Grade <u>A</u> For ThinkNEXT Technologies Pvt. Ltd. Munish Mithal Director Director	
Ť.	Corporate Office: S.C.F	⁻ 113, Phase XI, Mohali (Punjab)		Good E Satisfactory

CS Soft Solutions (I) Pvt. Ltd. An ISO 9001 : 2015 & ISO / IEC 27001 : 2013 Certified Company

Ref. No.: (SPGm) Jan24 3080

Dated : 16 06 202

TO WHOMSOEVER IT MAY CONCERN

This is to certify that KAJAL SAINI student of SRI GURU GOBIND SINGH COLLEGE SECTOR-26 CHANDIGARH (PUNJAB UNIVERSITY) of M.Sc(IT) Roll No. 66628 is undergoing industrial training in our firm CS SOFT SOLUTIONS INDIA PVT. LTD from JAN 2021 to JUNE 2021 in PHP.

During the training She developed a project entitled CAREHUB.

During the training her conduct was found to be EXCELLENT.

OS SOFT SOLUTIONS (I) PVT. LTD. E-300, Indl.

TRAINING COORDINATOR

Corporate Address : CS SOFT SOLUTIONS (I) PVT. LTD., E-300, Indl. Area, Phase 8-A, Mohali - 160055, Punjab, Ph. : 9501107986, 9815701003 Email : cs@cssoftsolutions.com | Website : www.cssoftsolutions.com Head Office : CS INFOTECH, SCO 2451, IInd Floor, Sector 22-C, Chandigarh, Contact Number : 0172-4017707, 0172-5007164, +91-9815701003 Email : cs@cssoftsolutions.com | Website : www.csknowledgehub.com



ISO 9001:2015 Certified A Specialized Infertility & Genetic Diagnostic Laborato Genetic Lab. Prov. Reg. No.: 0405500807 UAM No.CH01D0009151 [MSME] Member of Indian Fertility Society (IFS)

"Aspire to Live a Healthy Life"

ORG/2021/BMGTB -30

Dated: 09/06/2021

Dr. Pulakes Puckait

CERTIFICATE OF TRAINING EXPERIENCE

This is to certify that MS. SANJANA KUMARI, Graduate student (Final semester), Department of Biotechnology, Sri Guru Gobind Singh College, Sector 26, Chandigarh, has completed the training program on "Biochemical & Molecular Genetics Techniques and Bioinformatics" from 27.04.2021 to 09.06.2021 (Forty Five Days). This training program has been designed under the "Research & Training Program" at Origin Life Healthcare Solutions and Research Centre, Chandigarh.

She has been well trained with the following laboratory works:

Wet Laboratory Work

- 1. Demonstration of Blood Collection Methods
- 2. Isolation & Storage of Serum Samples
- 3. Biochemistry Analysis of Serum/Blood Samples
- 4. Hormone Analysis through Microplate Reader (ELISA)
- 5. Preparation of Stock and Working Solution for DNA Isolation
- 6. DNA Isolation from Whole Blood, Buccal Epithelial Cells.
- 7. Agarose Gel Electrophoresis
- 8. Polymerase Chain Reaction (PCR)
- 9. Restriction Fragment Length Polymorphism (PCR-RFLP)

Bioinformatics & Statistical Tools

- 1. Selection of Targeted Gene and Mutation by Bioinformatics Tools (NCBI-BLAST, Ensembl etc.)
- 2. Primer Designing
- 3. Genetic Data Analysis through PLINK and HAPLOVIEW software.

Other activities

Apart from the laboratory work, she has also learned basic of research paper writing and literature review.

She is sincere, honest and hardworking young scholar and bears good moral character.

Origin Life wishes all the success in her future endeavours.



15O 9001:2015 Certified

Specialized Infertility & Genetic Diagnostic Laborator, Genetic Lab. Prov. Reg. No.: 0405500807 UAM No.CH0100009151 [MSME] Member of Indian Fertility Society (IFS)

Aspire to Live a Healthy Life

Dated: 09/06/2021

ORG/2021/BMGTB -32

CERTIFICATE OF TRAINING EXPERIENCE

This is to certify that MS. SHWETA KUSHAN, Graduate student (Final semester), Department of Biotechnology, Sri Guru Gobind Singh College, Sector 26, Chandigarh, has completed the training program on "Biochemical & Molecular Genetics Techniques and Bioinformatics" from 27.04.2021 to 09.06.2021 (Forty Five Days). This training program has been designed under the "Research & Training Program" at Origin Life Healthcare Solutions and Research Centre, Chandigarh.

She has been well trained with the following laboratory works:

Wet Laboratory Work

- 1. Demonstration of Blood Collection Methods
- 2. Isolation & Storage of Serum Samples
- 3. Biochemistry Analysis of Serum/Blood Samples
- 4. Hormone Analysis through Microplate Reader (ELISA)
- 5. Preparation of Stock and Working Solution for DNA Isolation
- 6. DNA Isolation from Whole Blood, Buccal Epithelial Cells.
- 7. Agarose Gel Electrophoresis
- 8. Polymerase Chain Reaction (PCR)
- 9. Restriction Fragment Length Polymorphism (PCR-RFLP)

Bioinformatics & Statistical Tools

- Selection of Targeted Gene and Mutation by Bioinformatics Tools (NCBI-BLAST, Ensembl etc.)
- 2. Primer Designing
- 3. Genetic Data Analysis through PLINK and HAPLOVIEW software.

Other activities

Apart from the laboratory work, she has also learned basic of research paper writing and literature review.

She is sincere, honest and hardworking young scholar and bears good moral character.

Origin Life wishes all the success in her future endeavours.



ISO 9001:2015 Certified A Specialized Infertility & Genetic Diagnostic Laboratory Genetic Lab. Prov. Reg. No.: 0405500807 UAM No.CH01D0009151 [MSME] Member of Indian Fertility Society (IFS)

"Aspire to Live a Healthy Life"

ORG/2021/BMGTB -31

Dated: 09/06/2021

CERTIFICATE OF TRAINING EXPERIENCE

This is to certify that MS. SUPREETY BHALLA, Graduate student (Final semester), Department of Biotechnology, Sri Guru Gobind Singh College, Sector 26, Chandigarh, has completed the training program on "Biochemical & Molecular Genetics Techniques and Bioinformatics" from 27.04.2021 to 09.06.2021 (Forty Five Days). This training program has been designed under the "Research & Training Program" at Origin Life Healthcare Solutions and Research Centre, Chandigarh.

She has been well trained with the following laboratory works:

Wet Laboratory Work

- 1. Demonstration of Blood Collection Methods
- 2. Isolation & Storage of Serum Samples
- 3. Biochemistry Analysis of Serum/Blood Samples
- Hormone Analysis through Microplate Reader (ELISA)
- 5. Preparation of Stock and Working Solution for DNA Isolation
- DNA Isolation from Whole Blood, Buccal Epithelial Cells.
- 7. Agarose Gel Electrophoresis
- Polymerase Chain Reaction (PCR)
- Restriction Fragment Length Polymorphism (PCR-RFLP)

Bioinformatics & Statistical Tools

- Selection of Targeted Gene and Mutation by Bioinformatics Tools (NCBI-BLAST, Ensembl etc.)
- Primer Designing
- Genetic Data Analysis through PLINK and HAPLOVIEW software.

Apart from the laboratory work, she has also learned basic of research paper writing and literature review.

She is sincere, honest and hardworking young scholar and bears good moral character.

Origin Life wishes all the success in her future endeavours.

Dr. Pula arkait

Origin LIFE Healthcare Solutions & Research Centre LLP. SCO 181, First Floor, Sector 38 C & D. Chandigarh 0172 4086204 +91 8968302334 ; Web: www.originlife.in

com : origintife2019@gmail.com



SRI GURU GOBIND SINGH COLLEGE

(Co-educational, Affiliated to Panjab University, Chandigarh) Sector-26, Chandigarh -160019. (0172) 2792754, Telefax: (0172) 2790312

Roll No	Name	Торіс	
18043592	ANIKET	Different Techniques in Biotechnology	
18043593	APOORVA	PCR, ELISA, Integrated pest management	
18043594 ARCHANA VERMA		Mass Spectrometry Gel Electrophoresis Centrifugation NCBI ORF FINDER	
18043595 DIKSHANT SHARMA		DNA isolation from blood and preparation of reagents for DNA isolation	
18043596	EKTA	Advanced Molecular Biology Techniques, INBIT , Delhi	
18043599	KANHAIYA KUMAR BYAHUT	Advanced Molecular Biology Techniques, INBIT Delhi	
18043600	KUSUM GAURA	Hybridoma Technique	
18043601 LOUREMBAM MICHAEL SINGH		Advanced Molecular Biology Techniques	
18043602	MOHIT PARKASH	Sterization techniques of media and production of wine/bear	
18043603	MOKSHITA	Advanced Molecular Biology Techniques INBIT , Delhi	
18043604 SANJANA KUMARI		Origin life Health care solutions and research. Centre LLP, sec. 38 C and D, Chandigarh	
18043606	SHWETA	Origin life Health care solutions and research. Centre LLP sec. 38 C and D, Chandigarh	
18043607	SUPREETY BHALLA	Origin life Health care solutions and research. Centre LLP sec. 38 C and D, Chandigarh	
18043608 TSERING CHUSKIT		Origin life Health care solutions and research. Centre LLP sec. 38 C and D, Chandigarh	
18043609	ISHIKA SAINI	Production of Vitamin B12	

BSc Biotechnology Training 2020-21

Der Satinder Kaur) (Dr Satinder



D.A.V. COLLEGE

Affiliated to Panjab University, Chandigarh | Accredited Grade 'A' by NAAC

Ref. No. 1960 DAN HSP

Chandigarh Road, Hoshiarpur - 146 001

Dated 27/10/2020

Estd. 1926

To Whomsoever It May Concern

It is hereby certified that Dr. Navjot Kaur, Associate Professor, Post- Graduate Department of English, Sri Guru Gobind Singh College, Sector- 26, Chandigarh, has been serving as an Advisor for *Consonance-* an International Journal of English Language and Literature since 2017. We owe a deep debt of gratitude to Dr. Navjot, whose insightful suggestions and constant support were instrumental in constant improvement in the quality of the journal. Besides, we benefitted greatly from her knowledge and wisdom during our interaction with

her.

fraghohe "

D.A.V. College, Hoshiarpur

C Office : 01882-245558, Telefax : 01882-220858 🗖 davchsp@gmail.com 🚇 www.davchsp.org.in



Department of English and Cultural Studies Panjab University, Chandigarh

1

Phone: +91-172-2543638 Email:chairperson_english@pu.ac.in

LETTER OF APPRECIATION

This is to certify that Dr Navjot Kaur, Associate Professor, Sri Guru Gobind Singh College, Sec 26, Chandigarh is a Member, Peer Review Committee of the *Dialog*, a peer-reviewed, bi-annual international Journal of the Department of English and Cultural Studies, Panjab University, Chandigarh. Her critical and scholarly reviews of the Research Papers are highly appreciable.

Seepti 7/1/21

Chairperson Dept. of English and Cultural Studies P.U.Chandigarh

Chairperson Dept. of Eng. & Cul. Studies Panjab University, Chandigarh