



SRI GURU GOBIND SINGH COLLEGE

**(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.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Nature of the activity	Page number in this document or Link to the relevant document
1	Member Peer Review Committee of Dialog (A peer reviewed, biannual International Journal)	Dept of English and Cultural Studies, Panjab University, Chandigarh.	Dr Navjot Kaur	Research Collaboration	11
2	Advisor for International Journal of English Language and Literature: Consonance	D.A.V College, Chandigarh Road, Hoshiarpur-146001.	Dr Navjot Kaur	Research Collaboration	12
3	Research Collaboration	Indian Institute of Science Education Research (IISER Mohali), SAS Nagar, Knowledge City, Sector 81, Mohali, Punjab, India, 140306	Dr Ruchira Sen	Research Grant	13-14
4	Research Collaboration	Indian Institute of Science Education Research (IISER Mohali), SAS Nagar, Knowledge City, Sector 81, Mohali, Punjab, India, 140306	Dr Soma De	Research Grant	15-16
5	Joint PhD Guidance	UIET, Panjab University, Chandigarh	Dr Saroj Bala	Research Collaboration	17

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Nature of the activity	Page number in this document or Link to the relevant document
6	Joint PhD Guidance	Department of Physics, Panjab University, Chandigarh	Dr Ranber Singh	Research Collaboration	18
7	Joint PhD Guidance	Department of Zoology, Panjab University, Chandigarh	Dr Kawalpreet Kaur	Research Collaboration	19-20
8	Joint PhD Guidance	Department of Public Administration, Panjab University, Chandigarh	Dr Sandeep Kaur	Research Collaboration	21
9	Joint PhD Guidance	Department of Computer Science & Applications, Panjab University Chandigarh	Dr Preet Kanwal	Research Collaboration	22
10	Joint PhD Guidance	Department of Biotechnology, Panjab University, Chandigarh	Dr Sonia Chaman	Research Collaboration	23
11	Joint PhD Guidance	Punjabi University, Patiala	Dr Surjit Singh	Research Collaboration	24
	Student Training	Department of Micobiology Punjab University Chandigarh	Harshita Singh	Internship	25
	Student Training	Department of Micobiology Punjab University Chandigarh	Simranjeet Kaur	Internship	26
	Student Training	Department of Micobiology Punjab University Chandigarh	Priyanshi Rana	Internship	27
	Student Training	Department of Micobiology Punjab University Chandigarh	Simran Kaur	Internship	28

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Nature of the activity	Page number in this document or Link to the relevant document
	Student Training	Department of Micobiology Punjab University Chandigarh	Samdisha	Internship	29
	Student Training	Department of Micobiology Punjab University Chandigarh	Aastha	Internship	30
	Student Training	Department of Micobiology Punjab University Chandigarh	Tammana	Internship	31
	Student Training	Department of Micobiology Punjab University Chandigarh	Khushi Tiwari	Internship	32
	Student Training	Department of Micobiology Punjab University Chandigarh	Mansi	Internship	33
	Student Training	Orbit Biotech plot no c-149 Phase 7 Industrial Area Mohali, Punjab	Akshita	Internship	34
	Student Training	Department of Micobiology Punjab University Chandigarh	Mehakpreet Kaur	Internship	35
	Student Training	Department of Micobiology Punjab University Chandigarh	Sonia	Internship	36
	Research Collaboration	Department of Zoology, Panjab University, Chandigarh, Punjab, India	Dr Kawalpreet Kaur	Research Publication	https://journals.sagepub.com/doi/full/10.1177/09727531231166202

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Nature of the activity	Page number in this document or Link to the relevant document
	Research Collaboration	Alina Mungiu-Pippidi Professor of Public Policy, School of Liberal Arts and Humanities, CoE-Public Policy Research, Woxsen University, Hyderabad, India. Centre for Economic and Social Studies (CESS), Nizamiah Observatory Campus, Begumpet, Hyderabad, 500 016, Telangana, India.	Dr Akanksha	Research Publication	https://link.springer.com/article/10.1007/s13132-023-01692-0
	Research Collaboration	MA Public Policy and Governance, Centre for Federal Studies, Public Policy and Governance, Jamia Hamdard, New Delhi	Anmol Rattan Singh	Research Publication	https://drive.google.com/file/d/1nfcXjqtzg8GRYcRP_nyCYtH8Vr9D1D1M/view?usp=sharing
	Research Collaboration	MA Public Policy and Governance, Centre for Federal Studies, Public Policy and Governance, Jamia Hamdard, New Delhi	Anmol Rattan Singh	Research Publication	https://drive.google.com/file/d/1Unej413x67QXzjyg8KlmbJ1VqurWyXtw/view?usp=sharing

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Nature of the activity	Page number in this document or Link to the relevant document
	Research Collaboration	Dept of Bio-Sciences and Technology, M.M.E.C., Maharishi Markandeshwar (deemed to be University), Mullana, Ambala, Haryana, India. Dept of Microbiology, Faculty of Bio-medical Sciences, Kampala International University, Kampala, Uganda, Amity Institute of Biotechnology, Amity University Haryana, India, Division of Pathology, ICAR-Indian Veterinary Research Institute, Izatnagar, Uttar Pradesh, India, Centro Tecnológico de la Carne de Galicia, Adva. Galicia, Parque Tecnológico de Galicia, San Cibrao das Viñas, Ourense, Spain	Dr Varruchi Sharma	Research Publication	https://iubmb.online/library.wiley.com/doi/abs/10.1002/bab.2505

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Nature of the activity	Page number in this document or Link to the relevant document
	Research Collaboration	<p>Department of Bio-Sciences and Technology, Maharishi Markandeshwar (Deemed to be University), Mullana, Ambala, Haryana 133207, India, Department of Chemistry, Career Point University, Tikker - Kharwarian, Hamirpur, Himachal Pradesh 176041, India, College of Health and Medical Techniques, Middle Technical University, Baghdad, Iraq, Division of Pathology, ICAR-Indian Veterinary Research Institute, Izatnagar, UP, India, University Centre for Research and Development, University Institute of Biotechnology Chandigarh University, Gharuan, Mohali, India, Department of Biotechnology, Amity University, Sector-82-A, IT City Road, Mohali, Punjab 140306, India, Institute of Organ Transplantation, Sichuan Academy of Medical Science and Sichuan Provincial People's Hospital, University of Electronic Science and Technology of China, Chengdu, China.</p>	Dr Varruchi Sharma	Research Publication	https://www.science-direct.com/science/article/abs/pii/S0944711323004609

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Nature of the activity	Page number in this document or Link to the relevant document
	Research Collaboration	Department of Chemistry, Career Point University, Tikker - Kharwarian, Hamirpur, Himachal Pradesh, 176041, India, Department of Zoology, DAV College, Jalandhar, Punjab, 144008, India, Department of Food Science and Technology, Dr. YS Parmar University of Horticulture and Forestry, Nauni, Solan, Himachal Pradesh, 173230, India, Division of Pathology, ICAR-Indian Veterinary Research Institute, Izatnagar, 243122, Uttar Pradesh, India, Department of Biotechnology, Amity University, Sector 82 A, IT City Rd, Block D, Sahibzada Ajit Singh Nagar, Punjab, 140306, India, Institute for Ubiquitous Information Technology and Applications, Konkuk University, Hwayang-dong Gwangjin-gu, Seoul, 05029, South Korea.	Dr Varruchi Sharma	Research Publication	https://www.science-direct.com/science/article/abs/pii/S0013935123019758

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Nature of the activity	Page number in this document or Link to the relevant document
	Research Collaboration	Department of Human Genetics and Molecular Medicine, School of Health Sciences, Central University of Punjab, Bathinda, Punjab, India, Department of Biotechnology, MMEC, Maharishi Markandeshwar (Deemed to be University), Mullana-Ambala, Haryana, Department of Life Sciences, Presidency University, Kolkata, West Bengal, Division of Pathology, ICAR-Indian Veterinary Research Institute, Izatnagar, Uttar Pradesh, India, Department of Pharmacy, BGC Trust University Bangladesh, Chittagong, Bangladesh.	Dr Varruchi Sharma	Research Publication	https://journals.lww.com/international-journal-of-surgery/Fulltext/2023/03000/Dietary_patterns_and_fertility_status_in_men.67.aspx
	Research Collaboration	Department of Biotechnology, GGSDS College, Chandigarh, India, University Centre for Research and Development, University Institute of Biotechnology Chandigarh University, Gharuan, Mohali, India, Department of Biotechnology, Maharishi Markandeshar Engineering College, Maharishi Markandeshwar (Deemed to be University), Mullana-Ambala, Haryana, India.	Ms Damanjeet Kaur, Dr Varruchi Sharma and Dr Amit Joshi	Research Publication	https://iubmb.online.library.wiley.com/doi/abs/10.1002/bab.2464

Sl. No.	Title of the collaborative activity	Name of the collaborating agency with contact details	Name of the participant	Nature of the activity	Page number in this document or Link to the relevant document
	Research Collaboration	Chitkara University Institute of Engineering and Technology, Chitkara University, Rajpura 140401, Punjab, India, University Institute of Applied Management Sciences, Department of Computer Science, Panjab University, Chandigarh 160014, India	Ms Purnima	Research Publication	https://iieta.org/journals/ts/paper/10.18280/ts.400117
	Research Collaboration	Guru Nanak Dev University, Amritsar, Punjab, India,	Dr Deepratan Singh Khara	Research Publication	https://journals.sagepub.com/doi/abs/10.1177/00219096231154239
	Research Collaboration	Department of Zoology, Panjab University, Sector 14, Chandigarh, India. Indian Institute of Science Education Research (IISER Mohali), SAS Nagar, Knowledge City, Sector 81, Mohali, Punjab, India, 140306	Dr Ruchira Sen	Research Publication	https://link.springer.com/article/10.1007/s41745-023-00402-8



D.A.V. COLLEGE

Estd. 1926

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

Chandigarh Road, Hoshiarpur - 146 001

Ref. No. 1960/D.A.V./H.S.P

Dated 27/10/2020

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.

Say Kohl
Editor

Navjot
Principal
Principal
D.A.V. College, Hoshiarpur



Department of English and Cultural Studies
Panjab University, Chandigarh

No...../Eng /21/35
Dated..... 8/01/2021

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.

Deepti
7/1/21

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

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

FILE NO. CRG/2021/007010
SCIENCE & ENGINEERING RESEARCH BOARD

Science and Engineering Research Board
3rd & 4th Floor, Block II
Technology Bhavan, New Mehrauli Road
New Delhi - 110016

Dated: 31-Jan-2022

ORDER

Subject: Financial Sanction of the research project titled "The roles of genetic and ecological factors in nest founding strategies of the primitively eusocial wasp, *Polistes wattii*" under the guidance of Dr. Ruchira Sen, PG Department Zoology, SRI GURU GOBIND SINGH COLLEGE CHANDIGARH, Sector-26, Chandigarh, Chandigarh-160019 and by Dr. Rhitoban Raychoudhury, Assistant Professor, Biological Sciences, Indian Institute Of Science Education And Research, Mohali - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned project at a total cost of **Rs. 3919315/-** (Rs. Rupees Thirty Nine Lakh Nineteen Thousand Three Hundred and Fifteen only **Only**) with break-up of **Rs. 893075/- under Capital (Non-recurring) head** and **Rs. 3026240/- under General (Recurring) head** for a duration of **36 months**. The items of expenditure for which the total allocation of **Rs. 3919315/-** has been approved are given below:

The following budget may be considered for **Sri Guru Gobind Singh College, Sector-26, Chandigarh**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Digital Video camera -> Digital Camera	200000
A'	Total (Non-Recurring)	200000
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Consumables, Travel, Contingencies) Recurring - III : Scientific Social Responsibility	1350240 1150000 20000
2	Recurring - IV : (Overhead Charges)	272000
B'	Total (Recurring)	2792240
C	Total cost of the project (A' + B')	2992240

The following budget may be considered for **Indian Institute Of Science Education And Research, Mohali, IISER Mohali, Knowledge City, Sector 81, SAS Nagar, Manauli PO**

S. No	Head	Total (in Rs.)
A	Non-recurring	
1	Equipment -> Vertical Sequencing Gel -> Work Station with Printer	693075
A'	Total (Non-Recurring)	693075
B	Recurring Items	
1	Recurring - I : (Manpower) Recurring - II : (Travel, Contingencies) Recurring - III : Scientific Social Responsibility	0 150000 0
2	Recurring - IV : (Overhead Charges)	84000
B'	Total (Recurring)	234000
C	Total cost of the project (A' + B')	927075

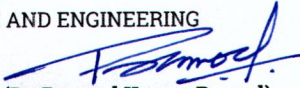
- Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).
- Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.
- While providing operational flexibility among various subheads under head Recurring-A, it should be ensured that not more than Rs. 1.5 lakh each should be spent for travel and contingency.
- As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.
- The institute will furnish to the SERB, New Delhi, separate Utilization certificate(UCs) financial year wise to the SERB for Recurring (Grants-in-aid General) & Non-Recurring (Grants for creation of capital assets) and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

7. The manpower sanctioned in the project, if any is co-terminus with the duration of the project and SERB will have no liability to meet the fellowship and salary of supporting staff if any, beyond the duration of the project

8. The institute will maintain separate audited accounts for the project. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

9. The sanctioned equipments and consumables would be produced as per GFR 2005 and its disposal would be done with prior approval of SERB.

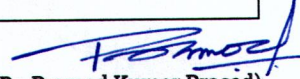
10. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.


(Dr. Pramod Kumar Prasad)
Scientist-D
pk.prasad@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	<p>Dr. Ruchira Sen PG Department Zoology SRI GURU GOBIND SINGH COLLEGE CHANDIGARH, Sector-26, Chandigarh, Chandigarh-160019 Email: ruchirabook@gmail.com Mobile: 918146185514</p> <p>Dr. Rhitoban Raychoudhury Biological Sciences Indian Institute Of Science Education And Research, Mohali (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in.)</p>
5.	<p>PRINCIPAL, Sri Guru Gobind Singh College, Sector-26, Chandigarh Registrar, Indian Institute Of Science Education And Research, Mohali, IISER Mohali, Knowledge City, Sector 81, SAS Nagar, Manauli PO (Receipt of Grant may be intimated by name to the undersigned)</p>


(Dr. Pramod Kumar Prasad)
Scientist-D
pk.prasad@serb.gov.in

Dated: 25-Jan-2022

ORDER

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to **Dr. SOMA DE, SRI GURU GOBIND SINGH COLLEGE CHANDIGARH, Sector-26, Chandigarh, Chandigarh-160019** under the mentorship of Prof. Sudeshna Sinha, at **Indian Institute of Science Education and Research, Mohali IISER Mohali, Knowledge city, Sector 81, SAS Nagar, Manauli PO - 140306** - Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned grant at a total cost of Rs. 18,30,000/- (Rs. Rupees Eighteen Lakh Thirty Thousand only Only) for a duration of 36 months.

The date of start of the project will be 07 December, 2021. The items of expenditure for which the total allocation of Rs. 18,30,000/- has been approved are given below:

The following budget is proposed for
SRI GURU GOBIND SINGH COLLEGE CHANDIGARH, Sector-26, Chandigarh, Chandigarh-160019 (Parent)

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 0 (@0/- per month (consolidated))
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

Indian Institute of Science Education and Research, Mohali IISER Mohali, Knowledge city, Sector 81, SAS Nagar, Manauli PO - 140306 (Host)

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 60,000 (on completion of 90 days mandatory attendance in the host institute every year)
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

2. Sanction of the SERB is also accorded to the payment of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only) to **Sri Guru Gobind Singh College, Sector-26, Chandigarh**, Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) to **Indian Institute of Science Education and Research, Mohali IISER Mohali, Knowledge city, Sector 81, SAS Nagar, Manauli PO - 140306** being the first installment of the grant for the year 2021-2022 for implementation of the said research project.

3. The expenditure involved is debit to

Fund for Science & Engineering Research (FSER)

This release is being made under Teachers Associateship For Research Excellence (TARE). (Mathematical science)

4. The Sanction has been issued with the approval of the competent authority vide Diary No. SERB/F/6969/2021-2022 dated 10 January, 2022

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website (www.serb.gov.in).

6. Overhead expenses are meant for the host institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

8. The release amount of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

SRI GURU GOBIND SINGH COLLEGE CHANDIGARH, Sector-26, Chandigarh, Chandigarh-160019 (Parent) :

PFMS Unique Code	CHCH00000446
Account Name	PRINCIPAL
Account Number	10506615531
Bank Name & Branch	STATE BANK OF INDIA SGGGS COLLEGE, SECTOR 26, CHANDIGARH
IFSC/RTGS Code	SBIN0010608
Email address of PI	somade.iitkgp@gmail.com
Email id of A/C Holder	principal.sggs26@gmail.com
Email address of concerned officer	ms_tare@serbonline.in

The release amount of Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Indian Institute of Science Education and Research, Mohali IISER Mohali, Knowledge city, Sector 81, SAS Nagar, Manauli PO - 140306 (Host) :

PFMS Unique Code	IISERM
Account Name	INDIAN INSTITUTE OF SCIENCE EDUCATION AND RESEARCH MOHALI (PROJECT A/C)
Account Number	4790101002130
Bank Name & Branch	CANARA BANK IISER MOHALI CAMPUS, SECTOR 81, KNOWLEDGE CITY
IFSC/RTGS Code	CNRB0004790
Email address of PI	somade.iitkgp@gmail.com
Email id of A/C Holder	registrar@iisermohali.ac.in
Email id of Mentor	Prof. Sudeshna Sinha

9. Both the institutes will furnish Utilization certificate (UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.


11. The File no. TAR/2021/000026 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

12. As this is the first grant for the fellowship, no previous U/C is required.

13. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.


15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.


(Dr. T Thangaradjou)
Scientist F
msls@serb.gov.in

To,
Under Secretary
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	(i) Dr. SOMA DE Mathematics SRI GURU GOBIND SINGH COLLEGE CHANDIGARH, Sector-26, Chandigarh, Chandigarh-160019 Email: somade.iitkgp@gmail.com Mobile: 918284000663 (ii) Prof. Sudeshna Sinha Indian Institute of Science Education and Research, Mohali IISER Mohali, Knowledge city, Sector 81, SAS Nagar, Manauli PO - 140306 (Start date of the project may be intimated by name to the undersigned. For guidance, terms & Conditions etc. Please visit www.serb.gov.in .)
5.	(i) Principal, Sri Guru Gobind Singh College, Sector-26, Chandigarh (ii) REGISTRAR Indian Institute of Science Education and Research, Mohali IISER Mohali, Knowledge city, Sector 81, SAS Nagar, Manauli PO - 140306 (Receipt of Grant may be intimated by name to the undersigned)


(Dr. T Thangaradjou)
Scientist F
msls@serb.gov.in

PhD guide: Dr Saroj Bala
Name of Scholar(s): Mr. Priyanshu and Ms Deeksha

<https://uiet.puchd.ac.in/wp-content/uploads/2021/11/mechrs.pdf>

Document from University Institute of Engineering and Technology, Panjab University, Chandigarh

List of Research Scholars of Mechanical Engineering Department

Sr. No.	Name of the research scholar	PU Faculty		Other than PU Faculty	
		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 GIUST 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			
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			

To
 Dean PGS
 Eternal university,
 Baru sahib.

Respected sir,

I want to say that I am Deeksha student of Ph.D (Physics) under the supervision of Dr. Poonam Kumari Physics Dept. eternal university. I want to apply for Co-guide due to medical issue's and during this period of time, I want to continue my Ph.D work with Dr. Saroj Bala, Assistant Professor, from Sri Guru Gobind Singh college, sec 26 Chandigarh.

Kindly requesting you to allow me for the same.

Thanking you.

Deeksha
 Deeksha
 Ph.D Physics
 BS 20 PS PHY 001
 Eternal university
 Baru sahib.

There will not be any financial support from Eternal University for Co-Guide.

allowed to have Co-guide
 Anand Singh
 17/01/2022

Tranau
 18-03-2022
 Poonam
 20/03/22

PhD guide: Dr Ranber Singh
Name of Scholar(s): Ms. Mridu Sharma
Ms. Anuradha
Mr Shagun Nag

PANJAB UNIVERSITY, CHANDIGARH

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

To: **Ms. Mridu Sharma**
Research Scholar
Department of Physics
Panjab University, Chandigarh.

4303/PHS
2/6/2020

No. ST/ _____ Date: _____

Dear Candidate,

The Science Research Board at its meeting held on **30.01.2020** 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/Physics**:

"EFFECT OF STRAIN AND POINT-DEFECTS ON THE ELECTRONIC STRUCTURE OF TWO-DIMENSIONAL PENTAGONAL MATERIALS"

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:

Dr. Ranber Singh, Deptt. of Physics, SGGS 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 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 (Meeting)
for Deputy Registrar (General)
Date: 2/6/2020

Endst. No. ST/ **3410**

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

- The Chairperson, Deptt. of Physics, P.U., Chandigarh.
- Supervisor: **Dr. Ranber Singh**, Deptt. of Physics, SGGS College, Sector 26, Chd.
- Librarian, Association of Indian Universities, A.I.U. House, 16 Kotla Marg, New Delhi-110002.

Office Superintendent (Meeting)
for Deputy Registrar (General)

PANJAB UNIVERSITY, CHANDIGARH

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

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

No. ST/ _____ Date _____

Dear Candidate,

The Science Research Board at its meeting held on **08.02.2018** 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)
Date: 1/11/18

Endst. No. ST/ **12246**

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.
- 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 Academic and Administrative Committee (JAAC) of the Department was held 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:

- Prof. Navdeep Goyal Chairman
- Prof. D.Mehta
- Prof. G.S.S. Saini
- Prof. C.N. Kumar
- Prof. Ranjan Kumar
- Prof. B. R. Behera
- Prof. Vipin Bhatnagar
- Dr. K. S. Bindra
- Dr. Ashok Kumar
- Dr. J.S. Shahi
- Dr. Kuldeep Kumar
- Dr. M.D. Sharma
- Dr. Rajesh Kumar
- Dr. Lokesh Kumar
- Dr. Gulshreen Ahuja

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

The following decisions were taken unanimously:

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

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 Jeneja	Dr. Sanjeev Kumar, GGSDS College, 32
8	Ms. Arshdeep Kaur	Prof. B.R. Behera
9	<u>Mr. Shagun Nag</u>	<u>Prof. Ranjan Kumar & Dr. Ranber Singh</u>
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. Shafly	Dr. Neeru Chaudhary

PhD guide: Dr Kawalpreet Kaur
Name of Scholar(s): Mr. Harender Kumar
Ms. Sakshi

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.
--	---

No.ST. _____ Date _____

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 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, SGGGS 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)

Endst.No.ST. 12579 Date 5/11/18

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

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


Office Superintendent (Meetings)
for Deputy Registrar (General)

RESEARCH SCHOLARS

S.No.	Name of the Supervisor / Co-Supervisor	Name of the Ph.D. Scholar	Mode of Ph.D.	Registration Number	Date of Registration	Research Topic	Likely Date of Completion	Availing Fellowship	Funding Agency of Fellowship
Updated on: 09/12/2022									
1.	Dr. S.K. Upadhyay	Jyoti Shekhawat	Full Time	22-23/81/Ph.D	07/09/2022	MOLECULAR CLONING AND FUNCTIONAL CHARACTERIZATION OF A LONG THAUMAT IN-LIKE PROTEIN OF BREAD WHEAT (triticum aestivum L.)	06/09/2027	Yes	ICMR
2.	Prof. Harsh Nayyar	Aastha Sharda	Full Time	21-22/493/Ph.D	05/05/2022	Evaluation of Mothbean genotypes for heat tolerance & investigating mechanisms governing heat tolerance	30/04/2027	Yes	CSIR
3.	Prof. M.C. Sidhu	Komal Choudhary	Full Time	21-22/216/Ph.D.	25/01/2022	Taxonomic Characterisation of Angiosperm Flora of Chandigarh with Special Reference to Tree Species	25/01/2027	Yes	CSIR
4.	Dr. S.K. Upadhyay	Deepika	Full Time	21-22/158/Ph.D	07/12/2021	MOLECULAR AND FUNCTIONAL CHARACTERIZATION OF LYSM-DOMAIN CONTAINING PROTEINS OF BREAD WHEAT (Triticum aestivum L.)	07/12/2026	Yes	UGC
5.	Dr. Papiya Mukherjee	Shrishti	Full Time	21-22/157/Ph.D	07/12/2021	comparative study of different cryo-techniques for efficient cryopresevation of some important plant species	06/12/2026	Yes	CSIR
6.	Dr. Anju Rao	Umesh Thakur	Full Time	21-22/32/Ph.D	27/07/2021			Yes	UGC
7.	Prof. Richa Puri	NIDHI	Full Time	21-22/31/Ph.D	27/07/2021		27/07/2026	Yes	UGC
8.	Prof. Sunita Kapila	Shefali	Full Time	21-22/45/Ph.D	27/07/2021	Impact of heavy metals on Bryophytes	26/07/2026	Yes	Panjab University, Chandigarh
9.	Dr. Papiya Mukherjee	CHARU SHARMA	Full Time	2020-EZ-86	23/02/2021	LONG TERM CONSERVATION OF SOKE VALUABLE MEDICINAL PLANTS	23/02/2026	Yes	CSIR
10.	Prof. M.C. Sidhu Dr. Kawalpreet Kaur, SGGC, Sector 26, Chandigarh	Sakshi	Full Time	20-21/253/Ph.D.	25/01/2021	Cytomorphological and Phytochemical Profiling of Nicotiana plumbaginifolia Viv. Growing in Chandigarh and Adjoining Areas	26/01/2026	No	

PhD guide:

Dr Sandeep Kaur

Name of Scholar(s):

Ms. Rupinder Aulakh

Mr. Shubham Sharma

Ms. Pooja Gothwal

Mr. Abhishek Sarta

PANJAB UNIVERSITY, CHANDIGARH

From: The Deputy Registrar (General)
Panjab University
Chandigarh-160014

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

No.ST/ 7770 Dated: 23/11/20

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, SGGGS, 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,
[Signature]
Deputy Registrar (General)

Diary No. 1903/CWS @ Ms Rupinder
23/11/2020

PANJAB UNIVERSITY, CHANDIGARH

From: 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

No.ST _____ Date: _____

Madam,

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 ROPRNAGAR"

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. Emanuel 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/Secretary 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 Acknowledgements. 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)

Encl. No.ST. 16953-56 Date 20/11/17

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

1. Supervisor: **Prof. Emanuel Nahar**, CSOL, 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 Kotha Marg, New Delhi- 110002.

Office Superintendent (Regulation)
PANJAB UNIVERSITY
CHANDIGARH

[Signature]
Deputy Registrar (General)

PhD guide: Dr Preet Kanwal
Name of Scholar(s): Mr. Jaswinder Singh

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.
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No.ST _____ Date _____

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 24.4.19

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.
ii) **Dr. Preet Kanwal**, SGGSC, Sector-26, Chd.
3. Librarian, Association of Indian Universities, A.I.U. House, 16 Kofla Marg, New Delhi- 110002.


Office Superintendent (Meetings)
for Deputy Registrar (General)

PhD guide: Dr Sonia Batta
Name of Scholar(s): Ms. Anupama Bhardwaj



Roll No. 5047

Slr. No. 143
 Regn. No. 18105000940


Panjab University, Chandigarh
 (Provisional Certificate)

TO WHOM IT MAY CONCERN


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

She wrote her Ph.D. thesis entitled TO EXPLORE THE ENDOGENOUS BACTERIAL AND FUNGAL DIVERSITY FOR EFFICIENT TREATMENT OF DAIRY WASTE WATER 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.


 Controller of Examinations

Chandigarh
 Dated: December, 30, 2020



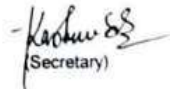
DEPARTMENT OF BIOTECHNOLOGY
PANJAB UNIVERSITY CHANDIGARH 160014

No. 9400-02/Pu/2021
 Dated: 1st May - 2024

Phone: 0172-2544055 (O), Fax: 0172-2541409

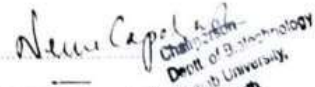
A meeting of the Administrative and Academic Committee of Biotechnology Department was held on 30/04/2014 at 11.00 a.m. in the Department of Biotechnology, to consider application form and synopsis of following Ph.D. students for consideration by the R.D.C. in Biotechnology. The members approved the 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*	1. Dr. Jagtar Singh, Associate Professor, Deptt. of Biotechnology, Panjab University, Chandigarh. 2. Dr. Sonia Chaman, Assistant Professor, Deptt. of Biotechnology, SGGS College, Sector-26, Chandigarh.


 (Secretary)

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


 Chairperson
 Deptt. of Biotechnology
 Panjab University,
 Chandigarh
 30/04/2014

PhD guide: Dr Surjit Singh
Name of Scholar(s): Ms. Anjali Garg

researchpaper@gmail.com
0175-5136158

ਪੰਜਾਬੀ ਯੂਨੀਵਰਸਿਟੀ, ਪਟਿਆਲਾ
(1961 ਦੇ ਪੰਜਾਬ ਸੋਫਟ ਨੰ. 35 ਤਹਿਤ ਸਥਾਪਿਤ)
(ਅਕਾਦਮਿਕ ਖੋਜ ਖ਼ਾਤਰ)

ਰਜਿਸਟਰ ਨੰਬਰ:/ਰਿਸਰਚ
ਮਿਤੀ:

Anjali Garg
Father's Name: Sh. Darshan Garg
Add: #25, Neem Wali Gali, Mansa, Punjab

ਵਿਸ਼ਾ : ਪੀਐਚ.ਡੀ. ਫਿਰਕੀ ਲਈ ਰਜਿਸਟ੍ਰੇਸ਼ਨ ਪੱਤਰ।

ਤੁਹਾਨੂੰ ਇਹ ਜਾਣ ਕੇ ਖੁਸ਼ੀ ਹੋਵੇਗੀ ਕਿ ਫੈਕਲਟੀ ਆਫ਼ ਬਿਜਨਸ ਸਟੱਡੀਜ਼, ਏ-ਬਲਾਕ-ਆਫ਼ ਪੋਸਟ ਗ੍ਰੈਜੂਏਟ ਸਟੱਡੀਜ਼ ਐਂਡ ਰਿਸਰਚ ਨੇ ਮਿਤੀ 24.02.2022 ਦੀ ਇਕੱਤਰਤਾ ਵਿੱਚ ਤੁਹਾਡੀ ਪੀਐਚ.ਡੀ. ਫਿਰਕੀ ਲਈ ਰਜਿਸਟ੍ਰੇਸ਼ਨ ਨਿਰਨੀਤਤ ਮਿਤੀ ਤੋਂ ਪ੍ਰਵਾਨ ਕਰ ਲਈ ਹੈ ਅਤੇ ਤੁਹਾਡੇ ਖੋਜ-ਨਿਬੰਧ ਦਾ ਵਿਸ਼ਾ ਅਤੇ ਨਿਰਧਾਰਨ ਹੇਠ ਲਿਖੇ ਅਨੁਸਾਰ ਪ੍ਰਵਾਨ ਕੀਤੇ ਜਾਣਗੇ:

ਰਜਿਸਟ੍ਰੇਸ਼ਨ ਦੀ ਮਿਤੀ	: 16-12-2021 (DRB Date)
ਵਿਸ਼ਾ	: NATIONAL PENSION SYSTEM: A STUDY OF PERCEPTION AND SATISFACTION AMONG PUBLIC SECTOR EMPLOYEES
ਨਿਰਧਾਰਨ	: Dr. Anand Bansal
ਸਹਿ-ਨਿਰਧਾਰਨ	: Dr. Surjit Singh

ਤੁਸੀਂ ਰਜਿਸਟ੍ਰੇਸ਼ਨ ਸਬੰਧੀ ਲੋੜੀਂਦੇ ਦਸਤਾਵੇਜ਼ (ਮੁਖੀ ਥਾਹੀਂ), ਸਾਲਾਨਾ ਫੀਸ (ਰੁਪਏ 3000/-) ਅਤੇ ਬਣਦੀ ਲੈਬ ਫੀਸ (ਜੇਕਰ ਲਾਗੂ ਹੋਵੇ ਤਾਂ) ਪੱਤਰ ਜਾਰੀ ਹੋਣ ਦੀ ਮਿਤੀ ਤੋਂ ਇਕ ਮਹੀਨੇ ਦੇ ਅੰਦਰ-ਅੰਦਰ ਸਬੰਧਤ ਵਿਭਾਗ ਵਿਖੇ ਜਮ੍ਹਾਂ ਕਰਵਾਉਣੇ ਹੋਣਗੇ। ਅਜਿਹਾ ਨਾ ਕਰਨ ਦੀ ਸੂਰਤ ਵਿੱਚ ਨਿਯਮ ਅਨੁਸਾਰ ਬਣਦੀ ਲੈਬ ਫੀਸ ਵਸੂਲ ਕੀਤੀ ਜਾਵੇਗੀ। ਨਿਯਮ ਦੀ ਪਾਲਣਾ ਦੀ ਅਣਹੋਂਦ ਵਿੱਚ ਤੁਹਾਡੀ ਰਜਿਸਟ੍ਰੇਸ਼ਨ ਕੈਂਸਲ ਕੀਤੀ ਜਾ ਸਕਦੀ ਹੈ। ਇਹ ਸਪੱਸ਼ਟ ਹੈ ਕਿ ਰਜਿਸਟ੍ਰੇਸ਼ਨ ਦੀ ਮਿਤੀ ਤੋਂ ਛੇ- ਛੇ ਮਹੀਨੇ ਬਾਅਦ ਫਿਰਮਾਈ ਪ੍ਰਕਾਰੀ ਰਿਪੋਰਟਾਂ ਅਤੇ ਇੱਕ ਸਾਲਾਨਾ ਨਿਰੀਖਣ ਪੀਐਚ.ਡੀ. ਆਰਡੀਨੈਂਸ ਵਿੱਚ ਦਿੱਤੇ ਸੈਡਿਊਲ ਅਨੁਸਾਰ ਅਕਾਦਮਿਕ ਖੋਜ ਖ਼ਾਤਰ ਵਿਖੇ ਪ੍ਰੋਜੈਕਟ ਕਰਨੇ ਹੋਣਗੇ। ਇਸ ਉੱਪਰੰਤ ਨਿਯਮ ਅਨੁਸਾਰ ਜੁਰਮਾਨਾ ਵਸੂਲਿਆ ਜਾਵੇਗਾ। ਤੁਸੀਂ ਪੀਐਚ.ਡੀ. ਨਾਲ ਸਬੰਧਤ ਹੋਰ ਜਾਣਕਾਰੀ (ਵਾਧੇ ਸਹੀਂ ਨਿਯਮ ਆਦਿ) ਯੂਨੀਵਰਸਿਟੀ ਦੀ ਵੈਬਸਾਈਟ punjabuniversity.ac.in ਤੋਂ ਪ੍ਰਾਪਤ ਕਰ ਸਕਦੇ ਹੋ।

ਆਪਣੇ ਸੈਂਟ੍ਰਿਕ ਜਾਂ ਵਿਸ਼ੇ ਦੇ ਬਰਾਬਰ ਦੀ ਪੰਜਾਬੀ ਖਾਸ ਦਾ ਸਕਰੀਪਟਿਕੇਟ ਜੇਕਰ ਪਹਿਲਾਂ ਨਹੀਂ ਦਿੱਤਾ ਤਾਂ ਹੁਣ ਭੇਜ ਦਿੱਤਾ ਜਾਵੇ। ਜੇਕਰ ਤੁਸੀਂ ਇਹ ਪ੍ਰੀਖਿਆ ਖਾਸ ਨਹੀਂ ਕੀਤੀ ਤਾਂ ਹਰ ਹਾਲਤ ਵਿੱਚ ਪੀਐਚ.ਡੀ. ਦੇ ਵਾਈਵਾ-ਵੋਸ (Viva-Voce) ਇਮਤਿਹਾਨ ਤੋਂ ਪਹਿਲਾਂ ਪੰਜਾਬੀ ਖਾਸ ਕਰਨ ਦਾ ਸਬੂਤ ਪੇਸ਼ ਕੀਤਾ ਜਾਵੇ।

ਜੇਕਰ ਤੁਸੀਂ ਇਸ ਯੂਨੀਵਰਸਿਟੀ ਵਿਖੇ ਪਹਿਲਾਂ ਰਜਿਸਟਰਡ ਨਹੀਂ ਹੋ ਤਾਂ ਤੁਸੀਂ ਮਾਈਕ੍ਰੋਸ਼ਨ ਸਕਰੀਪਟਿਕੇਟ ਅਤੇ ਲੋੜੀਂਦੇ ਅਸਲ ਸਕਰੀਪਟਿਕੇਟ ਰਜਿਸਟ੍ਰੇਸ਼ਨ ਖ਼ਾਤਰ ਵਿਖੇ ਪੱਤਰ ਜਾਰੀ ਹੋਣ ਦੀ ਮਿਤੀ ਤੋਂ ਇੱਕ ਮਹੀਨੇ ਦੇ ਅੰਦਰ-ਅੰਦਰ ਜਮ੍ਹਾਂ ਕਰਵਾਉਣ ਉੱਪਰੰਤ ਰਜਿਸਟ੍ਰੇਸ਼ਨ ਨੰਬਰ ਅਲਾਟ ਕਰਵਾਓ, ਅਜਿਹਾ ਨਾ ਕਰਨ ਦੀ ਸੂਰਤ ਵਿੱਚ ਨਿਯਮ ਅਨੁਸਾਰ ਲੈਬ ਫੀਸ ਵਸੂਲ ਕੀਤੀ ਜਾਵੇਗੀ।

ਤੁਸੀਂ ਪੀਐਚ.ਡੀ. ਦੌਰਾਨ ਕੋਈ ਹੋਰ ਮੇਜਰ ਪ੍ਰੀਖਿਆ ਨਹੀਂ ਦੇ ਸਕਦੇ।

ਸਹੀ/-
ਸਹਾਇਕ ਰਜਿਸਟਰਾਰ (ਰਿਸਰਚ)

ਪਿੱਠ ਔਰਟ ਨੰਬਰ: 16.S.2/ਰਿਸਰਚ ਮਿਤੀ: 19/4/22

ਉਪਰੋਕਤ ਦਾ ਉਤਰਾ ਹੇਠ ਲਿਖਿਆ ਨੂੰ ਜਾਣਕਾਰੀ ਅਤੇ ਅਕੈਡਮਿਕ ਕਾਰਵਾਈ ਹਿੱਤ ਭੇਜਿਆ ਜਾਂਦਾ ਹੈ:-

1. ਮੁਖੀ : Department of Commerce, Punjabi University, Patiala.
2. ਨਿਰਧਾਰਨ : Dr. Anand Bansal, Associate Professor, Department of Business Studies Punjabi University, Guru Kashi Campus, Talwandi Sabo
3. ਸਹਿ-ਨਿਰਧਾਰਨ : Dr. Surjit Singh, Assistant Professor, S.G.G.S College, Sec-26, Chandigarh
4. ਨਿਰਧਾਰਨ (ਰਜਿਸਟ੍ਰੇਸ਼ਨ) : 9797-2019-1956

13/4/22
ਸਹਾਇਕ ਰਜਿਸਟਰਾਰ (ਰਿਸਰਚ)



CERTIFICATE OF ACHIEVEMENT



Certificate No. : LB/ABRL/TP/DB/2023/07/28

This is to certify that Ms/Mr/Mrs./Dr. PRZYANSHI RANA
Son/Daughter of MR. DARSHAN SINGH and MRS. RINKAL
student of B.Sc. (HONS) BIOTECHNOLOGY, from S.G.G.S, CHANDIGARH
has successfully completed his/her Industrial Biotech Training Program for the duration
of 30 days/Month from 05-06-2023 to 04-07-2023 under guidance of
ER. SHREYA JAIN

Level : BASIC LEVEL I + ADVANCE CUSTOMIZED SUPREME LEVEL

Field Name : MOLECULAR BIOLOGY (BLI-2), FOOD TECHNOLOGY (BI3), PHARMACEUTICAL
SCIENCE (BI-5), ALCOHOL FERMENTATION TECHNOLOGY (SEL-2), PHARMACEUTICAL
SCIENCE (SEL-3), FORENSIC SCIENCE (SEL-4), GENE & GENOMICS (SEL-5), CONFECTIO-
NARY SCIENCE (SEL-7), AGRONOMY & ENVIRONMENTAL BIOTECHNOLOGY (SEL-8),
He/She secured Grade: 'O' OUTSTANDING FOOD SCIENCE & TECHNOLOGY (SEL-13).

During the period of his/her training program with us, he/she had been exposed to various discipline of
Biotechnology and was found diligent, hardworking and inquisitive.

We wish him/her every success in her/his life and career.

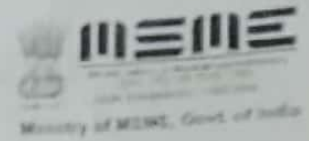
Date of Issue 29-07-2023



Shreya
Ms. Shreya Jain
CEO & Founder
Acentric Biotech & Research Laboratory



**CERTIFICATE
OF ACHIEVEMENT**



Certificate No. : LA/ABAL/TP/DA/2023/07/01

This is to certify that Ms/Mr/Mrs /Dr. SIMRAN KAUR
Son/Daughter of MR RAVINDER SINGH and MRS. GURMEET KAUR
student of B.Sc (Hons) BIOTECHNOLOGY from S.G.C.S, SECTOR-26, CHANDIGARH
has successfully completed his/her Industrial Biotech Training Program for the duration
of 30 days/Month from 5-JUN-2023 to 4-JUL-2023 under guidance of
FR SHREYA JAIN

Level: BASIC LEVEL I + SUPREME ADVANCE LEVEL

Field Name: MOLECULAR BIOLOGY [BLT-2], FOOD TECHNOLOGY [BLT-3],
IMMUNOLOGY [BLT-4], PHARMACEUTICAL SCIENCE [BLT-5], ALCOHOL
FERMENTATION TECHNOLOGY [SEL-2], FORENSIC SCIENCE [SEL-4], CONFECTION-
NARY SCIENCE [SEL-7], MEDICAL BIOTECHNOLOGY [SEL-11], COSMETOLOGY &
AROMA SCIENCE [SEL-15]
He/She secured Grade: 'O' OUTSTANDING

During the period of his/her training program with us, he/she had been exposed to various discipline of
Biotechnology and was found diligent, hardworking and inquisitive

We wish him/her every success in her/his life and career.

Date of Issue 12-JUL-2023



Shreya

Ms. Shreya Jain
CEO & Founder
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CERTIFICATE OF ACHIEVEMENT



MSME

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Ministry of MSME, Govt. of India

Certificate No. : LB/ABRL/TP/DB/2023/08/02

This it to certify that Ms/Mr/Mrs./Dr. SAMDISHA
Son/Daughter of MR. JASBIR SINGH and MRS. MANJIT KAUR
student of B.Sc (HONS) BJO TECHNOLOGY from S.G.G.S, SECTOR-26, (HANDIGARH,
has successfully completed his/her Industrial Biotech Training Program for the duration
of 30 days/Month from 05-06-2023 to 04-07-2023 under the guidance
of ER. SHREYA JAIN

Course Level : BASIC LEVEL + ADVANCE LEVEL

Course Opted : BASIC LEVEL-2 + SUPREME CUSTOMIZE

Field Name : MOLECULAR BIOLOGY (BLI-2), FOOD TECHNOLOGY (BLI-3),
IMMUNOLOGY (BLI-4), PHARMACEUTICAL SCIENCE (BLI-5), ALCOHOL
FERMENTATION TECHNOLOGY (SEL-2), FORENSIC SCIENCE (SEL-4),
CONFELTIONARY SCIENCE (SEL-7), MEDICAL BIOTECHNOLOGY (SEL-11),

He/She secured Grade: 'O' OUTSTANDING COSMETOLOGY & AROMA SCIENCE (SEL-15).

During the period of his/her training program with us, he/she had been exposed to various discipline of Biotechnology and was found diligent, hardworking and inquisitive.

We wish him/her every success in her/his life and career.

Date of Issue 29-08-2023



Shreya

Er. Shreya Jain

CEO & Founder

Acentric Biotech & Research Laboratory





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Certificate No. : LB/ABR4/IP/DB/2023/08/05

This is to certify that Ms/Mr/Mrs./Dr. AASTHA
Son/Daughter of MR. SUKHVINDER SINGH and MRS. KIRAN
student of B.Sc. (HONS) BIOTECHNOLOGY, from S.G.G.S., CHANDIGARH
has successfully completed his/her Industrial Biotech Training Program for the duration
of 30 days/Month from 19-06-2023 to 18-07-2023 under guidance of
ER. SHREYA JAIN

Level : BASIC LEVEL-I + ADVANCE CUSTOMISE SUPREME LEVEL

Field Name : MOLECULAR BIOLOGY [BLI-2], FOOD TECHNOLOGY [BLI-3], PHARMACEUTICAL SCIENCE [BLI-5], ALCOHOL FERMENTATION TECHNOLOGY [SEL-2], PHARMACEUTICAL SCIENCE [SEL-3], FORENSIC SCIENCE [SEL-4], GENE & GENOMICS [SEL-5], CONFECTIONARY SCIENCE [SEL-7], AGRONOMY & ENVIRONMENTAL BIOTECHNOLOGY [SEL-8],
He/She secured Grade: 'O' OUTSTANDING FOOD SCIENCE & TECHNOLOGY [SEL-13].

During the period of his/her training program with us, he/she had been exposed to various discipline of Biotechnology and was found diligent, hardworking and inquisitive.

We wish him/her every success in her/his life and career.

Shreya

Ms. Shreya Jain

CEO & Founder

Acentric Biotech & Research Laboratory

Date of Issue 02-08-2023



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CERTIFICATE OF ACHIEVEMENT



Certificate No. : LB/ABRL/TP/DB/2023/07/20

This is to certify that Ms/Mr/Mrs./Dr. TAMHANA,
Son/Daughter of MR. BALBIR SINGH and MRS. PALLAVI,
student of B.Sc. (HONS.) BIOTECHNOLOGY, from S.G.G.S, CHANDIGARH,
has successfully completed his/her Industrial Biotech Training Program for the duration
of 30 days/Month from 05-06-2023 to 04-07-2023 under guidance of
ER. SHREYA JAIN

Level : BASIC LEVEL-I + ADVANCE CUSTOMIZE SUPREME LEVEL

Field Name : MOLECULAR BIOLOGY (BLI-2), FOOD TECHNOLOGY (BLI-3),
PHARMACEUTICAL SCIENCE-I (BLI-5), ALCOHOL FERMENTATION TECHNOLOGY (SEL-2),
PHARMACEUTICAL SCIENCE (SEL-3), FORENSIC SCIENCE (SEL-4), GENETICS (SEL-5),
CONFELTIONARY SCIENCE (SEL-7), AGRICULTURE & ENVIRONMENTAL BIOTECHNOLOGY (SEL-8),
He/She secured Grade: 'O' OUTSTANDING FOOD SCIENCE & TECHNOLOGY (SEL-13).

During the period of his/her training program with us, he/she had been exposed to various discipline of
Biotechnology and was found diligent, hardworking and inquisitive.

We wish him/her every success in her/his life and career.

Date of Issue 27-07-2023

Shreya
Ms. Shreya Jain
CEO & Founder
Acentric Biotech & Research Laboratory





CERTIFICATE OF ACHIEVEMENT



Certificate No. : LB/ABRL/ITP/DB/2023/07/29

This is to certify that Ms/Mr/Mrs./Dr. KHUSHI TIWARI
Son/Daughter of MR. MADAN TIWARI and MRS. KIRAN TIWARI
student of BSc. (HONS) BIOTECHNOLOGY from S.G.G.S, CHANDIGARH
has successfully completed his/her Industrial Biotech Training Program for the duration
of 20 days/Month from 03-07-2023 to 23-07-2023 under guidance of
ER. SHREYA JAIN

Level: BASIC LEVEL-I+ADVANCE (CUSTOMIZED SUPREME LEVEL
Field Name: MOLECULAR BIOLOGY [BLI-2], FOOD TECHNOLOGY [BLI-3],
ALCOHOL FERMENTATION TECHNOLOGY [SEL-2], CONFECTIONARY SCIENCE
[SEL-7], AGRONOMY & ENVIRONMENTAL BIOTECHNOLOGY [SEL-8], MEDICAL
BIOTECHNOLOGY [SEL-11], COSMETOLOGY & AROMA SCIENCE [SEL-15].
He/She secured Grade: 'O' OUTSTANDING

During the period of his/her training program with us, he/she had been exposed to various discipline of
Biotechnology and was found diligent, hardworking and inquisitive.
We wish him/her every success in her/his life and career.

Date of Issue 31-07-2023



Shreya
Ms. Shreya Jain
CEO & Founder
Acentric Biotech & Research Laboratory





CERTIFICATE OF ACHIEVEMENT



MSME

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Ministry of MSME, Govt. of India

Certificate No. : LB/ABRL/TP/DB/2023/08/08

This is to certify that Ms/Mr/Mrs./Dr. AKSHITA
Son/Daughter of MR. RANJEET SINGH and MRS. MAYA DEVI
student of B.Sc. (HONS) BIOTECHNOLOGY from S.G.G.S, CHANDIGARH
has successfully completed his/her Industrial Biotech Training Program for the duration
of 45 days/Month from 05-06-2023 to 04-07-2023 under the guidance
of ER. SHREYA JAIN

Course Level : BASIC LEVEL + ADVANCE LEVEL

Course Opted : BASIC LEVEL + SUPREME CUSTOMICE

Field Name : MOLECULAR BIOLOGY (BLI-2), FOOD TECHNOLOGY (BLI-3),
PHARMACEUTICAL SCIENCE (BLI-5), ALCOHOL FERMENTATION TECHNOLOGY
(SEL-2), AYURVEDIC SCIENCE (SEL-1), PHARMACEUTICAL SCIENCE (SEL-3), FORENSIC
SCIENCE (SEL-4), GENE & GENOMICS (SEL-5), CONFECTIONARY SCIENCE (SEL-7),
FOOD SCIENCE & TECHNOLOGY (SEL-13)

He/She secured Grade: 'O' OUTSTANDING

During the period of his/her training program with us, he/she had been exposed to various discipline of
Biotechnology and was found diligent, hardworking and inquisitive.

We wish him/her every success in her/his life and career.

Date of Issue 28-08-2023



Shreya

Er. Shreya Jain
CEO & Founder
Acentric Biotech & Research Laboratory

Acentric Biotech
EXPERIMENTING INNOVATION



CERTIFICATE OF ACHIEVEMENT



Certificate No. : LB/ABRI/TP/DR/2023/08/06

This is to certify that Ms/Mr/Mrs./Dr. MEHAKPREET KAUR
Son/Daughter of MR. SATINDER SINGH and MRS. RAVINDER KAUR
student of B.Sc. (HONS.) BIOTECHNOLOGY, from S.G.G.S, SECTOR-26, CHANDIGARH
has successfully completed his/her Industrial Biotech Training Program for the duration
of 30 days/Month from 05-JUN-2023 to 04-07-2023 under the guidance
of ER. SHREYA JAIN

Course Level : BASIC LEVEL + ADVANCE LEVEL

Course Opted : BASIC LEVEL-I + SUPREME (CUSTOMIZED)

Field Name : MOLECULAR BIOLOGY [BLI-2], FOOD TECHNOLOGY [BLI-3],
PHARMACEUTICAL SCIENCE-I [BLI-5], ALCOHOL FERMENTATION TECHNOLOGY
[SEL-2], PHARMACEUTICAL SCIENCE [SEL-3], FORENSIC SCIENCE [SEL-4],
GENE GENOMICS [SEL-5], CONFELTORY SCIENCE [SEL-7], AGRONOMY &
ENVIRONMENTAL BIOTECHNOLOGY [SEL-8],
HE/SHE SECURED GRADE: 'O' OUTSTANDING FOOD SCIENCE & TECHNOLOGY [SEL-13]

During the period of his/her training program with us, he/she had been exposed to various discipline of
Biotechnology and was found diligent, hardworking and inquisitive.

We wish him/her every success in her/his life and career.

Date of Issue 21-08-2023



Shreya

Er. Shreya Jain
CEO & Founder
Acentric Biotech & Research Laboratory





CERTIFICATE OF ACHIEVEMENT



MSME

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Certificate No. : LB/ABRL/IP/DR/2023/07/26

This is to certify that Ms/Mr/Mrs./Dr. SONIA
Son/Daughter of MR. GURVINDER SINGH and MRS. CHARANJEET KAUR
student of B.Sc. (HONS) BIOTECHNOLOGY, from S.G.G.S, CHANDIGARH
has successfully completed his/her Industrial Biotech Training Program for the duration
of 30 days/Month from 05-06-2023 to 04-07-2023 under guidance of
ER. SHREYA JAIN

Level : BASIC LEVEL I + ADVANCE CUSTOMIZED SUPREME LEVEL

Field Name : MOLECULAR BIOLOGY (BLI-2), FOOD TECHNOLOGY (BLI-3), PHARMACEUTICAL SCIENCE (BLI-5), ALCOHOL FERMENTATION TECHNOLOGY (SEL-3), PHARMACEUTICAL SCIENCE (SEL-3), FORENSIC SCIENCE (SEL-4), GENE & GENOMICS (SEL-5), CONFECTIONARY SCIENCE (SEL-7), AGRONOMY & ENVIRONMENTAL BIOTECHNOLOGY (SEL-8),
He/She secured Grade: 'O' OUTSTANDING. FOOD SCIENCE & TECHNOLOGY (SEL-13)

During the period of his/her training program with us, he/she had been exposed to various discipline of Biotechnology and was found diligent, hardworking and inquisitive.

We wish him/her every success in her/his life and career.

Date of Issue 29-07-2023



Shreya

Ms. Shreya Jain
CEO & Founder
Acentric Biotech & Research Laboratory

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