

HANS RAJ MAHILA MAHA VIDYALAYA JALANDHAR

3.3.1

1. Dr. Ekta Khosla

Assoc.Prof Department of Chemistry

25/2019

Dr. Anirudh P. Singh
Dean
Research & Development



Ref No IKGPTU/R&D/146

Dated 25/1/19

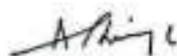
TO WHOM IT MAY CONCERN

This is certified that Mr./Ms. Narinderjit Kaur was registered for Ph.D degree with this University in the discipline of Applied Sciences – Chemistry.

Mr./Ms. Narinderjit Kaur conducted research work on the following topic:

Research Topic	STUDY OF GREEN AND EFFICIENT SOLVENT EXTRACTION OF DYES FROM TEXTILE EFFLUENT USING REVERSE MICELLES
Registration Number	1412006
Registration Date	Aug. 20, 2014
Name of Supervisor	Dr. Sangeta Sharma, 11120016, Associate Professor, Shaheed Bhagat Singh State Technical Campus, Ferozpur
Name of Co-supervisor	Dr. Ekta Khosla, Associate Professor, Hans Raj Mahila Maha Vidyalaya, Jalandhar

Mr./Ms. Narinderjit Kaur submitted his/her Ph.D thesis on 09.05.2018. The same was evaluated by experts. He/She successfully gave his/her viva-voce on Jan.05, 2019. Subsequently the committee recommended to award the provisional Ph.D degree to Mr./Ms. Narinderjit Kaur. The final degree will be awarded after the approval of Academic Council and Board of Governors, IKG PTU.


Dean (R&D)

"Developing Youth for a prosperous Knowledge Society"

ਆਈ. ਕੇ. ਗੁਜਰਾਲ. ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ
I. K. Gujral Punjab Technical University
Jalandhar-Kapurthala Highway, Kapurthala-144 603
Phone : +91-1822-662556, 662572 Fax : 01822-255504
Website : www.ptu.ac.in Email : deanric@ptu.ac.in, deanricptu@gmail.com

2. Dr. Anjana Bhatia

Asstt. Prof. Department of Botany



**I.K. GUJRAL PUNJAB TECHNICAL UNIVERSITY,
JALANDHAR**

Ph.D NOTIFICATION

Endst. No. IKGPTU/Ph.D/ 855

Dated: 20/11/18

Notification: IKGPTU/2018/514 for the Ph.D degree award

With the approval of competent authority, I. K. Gujral Punjab Technical University notify the award of Ph.D degree to Mr/Ms. *Punam Devi S/D/o Satish Chander*, Regd. No. 1115013 in the faculty of *Life Sciences (Biotechnology)*. This notification is issued on 20/11/18 after completion of thesis work and successfully defended his/her case during presentation among expert panel of university.

Year of Enrolment	Date of Viva-voce	Title of the Thesis	Name & Address of the Research Supervisor
2011	30/10/2018	<i>PHYTOCHEMICAL CHARACTERISATION OF EUPHORBIA COTINIFOLIA AND ITS SUITABILITY AS BIODIESEL.</i>	<i>Dr. Sukhjeet Kaur Professor, Department of Biotechnology, SUS CET, Tangori, Mohali.</i> <i>Dr. Anjana Bhatia Assistant Professor, Department of Botany, HMV College, Jalandhar.</i> <i>Dr. Amita Mahajan Professor, RBIEBT, Kharar, Mohali.</i>

Final degree will be conferred in the annual convocation of the University.

Dean (R&D)

Controller of Examination

Registrar

EDP S. No.: 600000426 Regn. cum Roll No. 1115013

ਆਈ. ਕੇ. ਗੁਜਰਾਲ ਪੰਜਾਬ ਟੈਕਨੀਕਲ ਯੂਨੀਵਰਸਿਟੀ ਜਲੰਧਰ
I.K. Gujral Punjab Technical University Jalandhar
Formerly Punjab Technical University Jalandhar

Doctor of Philosophy

The Board of Governors of I.K. Gujral Punjab Technical University, Jalandhar upon the recommendation of the Academic council hereby confers on Mr./Ms. Punam Devi Son/Daughter of Sh. Satish Chander Degree of Doctor of Philosophy in the faculty of LIFE SCIENCES (BIOTECHNOLOGY) IN OCTOBER-2018. The subject on which He/She presented the thesis for the Degree was "PHYTOCHEMICAL CHARACTERISATION OF EUPHORBIA COTINIFOLIA AND ITS SUITABILITY AS BIODIESEL."

Given under the seal of the University

Registrar
Jalandhar, 26-11-2018

Vice-Chancellor

Chancellor

Ref. No PTU/RIC/Ph.D/1415006/1362

Dr. Sukhjeet Kaur,
Prof & Head,
SUSGL Mohali
Subject: Registration for Ph.D Degree.

Dear Dr. Sukhjeet Kaur,

This is in reference to the research proposal submitted by Mr./Ms. **NAVJOT KAUR**, Regd. No. **1415006**, regarding registration for Ph.D degree under your supervision. On the presentation and approval by the RDC, the candidate has been registered for Ph.D degree with the Punjab Technical University in the Faculty of Life Sciences, and shall be governed of the University. On the basis of his Ph.D. synopsis presentation before RDC he/she is now registered with University with following details:

Thesis Topic	Phytochemical Screening of Euphorbia thymifolia and Euphorbia cotinifolia for their antimicrobial and antioxidant potential
Registration No	1415006
Co-Supervisor Name	Dr. Anjana Bhatia - CS-150005
Date of presentation	25.05.2017
Date of Enrollment	30.01.2014
RDC comments (For incorporation in further research work)	
Recommendation	Synopsis Accepted

Dr. Anirudh P.Singh

Dean,
Deptt. of Research & Development

Ref. No PTU/RIC/Ph.D/1422001/1363

Dated 25.05.17

Dr. Anupama Mahajan,
Assistant Professor,
SUSCET, Tangori, Mohali
Subject: Registration for Ph.D Degree.

Dear Dr. Anupama Mahajan,

This is in reference to the research proposal submitted by Mr./Ms. **RAMANDEEP KAUR**, Regd. No. **1422001**, regarding registration for Ph.D degree under your supervision. On the basis of his Ph.D synopsis presentation and approval by the RDC, the candidate has been registered for Ph.D degree with the Punjab Technical University in the Faculty of Bio Energy, and shall be governed by the Ph.D regulations of the University. On the basis of his Ph.D. synopsis presentation before RDC he/she is now registered with University with following details:-

Thesis Topic	Evaluation of lipid content in Chlorella pyrenoidosa and its suitability as Biofuel
Registration No	1422001
Co-Supervisor Name	Dr. Anjana Bhatia - CS-150005
Date of presentation	25.05.2017
Date of Enrollment	05.09.2014

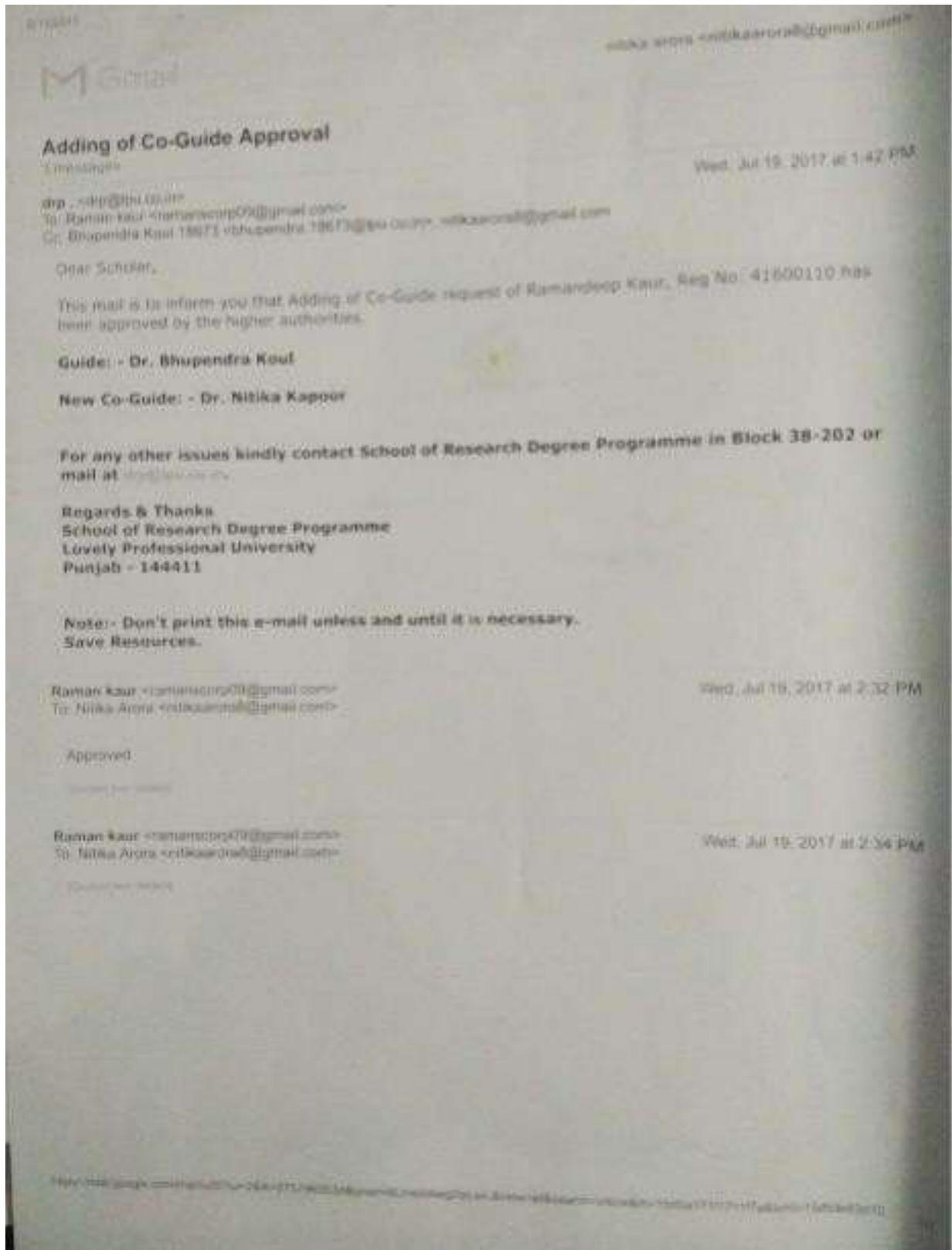
RDC comments (For incorporation in further research work)

Recommendation Synopsis Accepted

Objectives 1. To find out best nitrogen source and its standardized concentration to enhance biomass production 2. To estimate total lipid content in C.

3. Dr. Nitika Kapoor

Asstt. Prof. Department of Botany



CERTIFICATE

This is to certify that Dr. Prem Sagar, Associate Professor and Head of Department of Music Vocal Department, HMV College, Jalandhar, is allocated as Co-Supervisor to Mrs. Monika (Reg. No. - 41800526), who is pursuing Ph.D. (Performing Arts) at Lovely Professional University.

Rau
Head

Center for Research Degree Programmes,

Lovely Professional University,

Phagwara, Punjab (India) - 144411

Sidha
23384
Prepared by

Sidha
24164
Checked by

Rau
1232
Verified by



LOVELY
PROFESSIONAL
UNIVERSITY

Transforming Education Transforming India

Center for Research Degree Programmes

LPU/CRDP/EC/210819/01

Date: 21st August, 2019

CERTIFICATE

This is to certify that Dr. Prem Sagar, Associate Professor & Head, Department of Music Vocal in Hans Raj Mahila Maha Vidyalaya, Jalandhar, Punjab, is allocated as Co-Supervisor to Ms. Gunjan Kapoor (Reg. No.- 41800036), a part time research scholar (Ph.D.)(Performing Arts) at Lovely Professional University.

Ram
Head 22-08-2019

Center for Research Degree Programmes,

Lovely Professional University,

Phagwara, Punjab (India) - 144411

Mehit
Prepared by 20790

24164
Checked by

Raj
Verified by MSA



संगीत और हिंदी भक्ति काव्य - अंतर सम्बन्ध विश्लेषण

(चयनित ध्वन्यांकित रचनाओं के सन्दर्भ में)

Sangeet Or Hindi Bhakti Kavaya : Antar Sambandh Vishlechan

(Chaynit Dhvanyankit Rachanaon ke Sandarbh Mein)

परफार्मिंग आर्ट्स के साधन विभाग में पीएच. डी की उपाधि हेतु

प्रस्तुत किये जाने वाले शोध पत्रों की रूप रेखा



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PROFESSIONAL
UNIVERSITY

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लवली प्रोफेशनल यूनिवर्सिटी पंजाब

लोगो नं०

मानिका

रजिस्ट्रेशन नं० - 41800526

निर्देशक

डॉ. कुलविन्दर सिंह

सहायक

डॉ. प्रम वापर

परफार्मिंग आर्ट्स विभाग

लवली प्रोफेशनल यूनिवर्सिटी, पंजाब

सितम्बर, 2019



CONSENT LETTER OF CO-SUPERVISOR

Date:

To

The Head
Center for Research Degree Programme
Lovely Professional University, Punjab.

Sub: Consent Letter to act as Co-Supervisor

Dear Sir/Madam

I, Dr. / Prof [✓] Anjana Bhatia, working as Head, PG Dept. (Designation) in Department of Botany in University / College / Industry / NGOs Hans Raj Mahila Mahavidyalaya, Jalandhar (Name of University / College) hereby give my consent to act as Co-Supervisor for the Ph.D. research work of [✓] Ms./Mr. Mandeep Bedi Reg. No. 41900680 in the Broad area of Botany.

Thanking You

Regards

Name of Co-Supervisor: Dr. ^{Anjana Bhatia} Anjana Bhatia

Signature:

UID (Applicable to LPU Faculty only): NA

Official Address: Head, PG Dept. of Botany,
HMV College Jalandhar

Email ID: dranjanabhatia@gmail.com

Mobile No: 9855889497

Name of Research Scholar: Mandeep Bedi

Signature of Research Scholar: ^{Mandeep Bedi} Mandeep Bedi

Reg. No 41900680

Discipline: Botany

Programme: Ph.D. Botany(Part-time)



Revised Syno...



A Research Proposal of the Ph.D. thesis

on

----- Physicochemical and genotoxicity analysis of water of Hansali, Batala, Punjab and its remediation-----

Submitted by

(Mandeep Bedi)

Registration No. 41900680

in partial fulfillment for the award of the degree of

DOCTOR OF PHILOSOPHY

IN

(-----Botany-----)

Under the Supervision of

Dr. Mamta Pujari



LOVELY PROFESSIONAL UNIVERSITY

PUNJAB

February- March, 2021

: 14-04-2021

Signature of Supervisor:

Signature of Scholar:

Mandeep Bedi
14/04/2021

