Criterion – 2

Teaching-Learning and Evaluation

NAAC- SSR (2nd Cycle)

ETERNAL UNIVERSITY

BARU SAHIB, SIRMOUR-173101
HIMACHAL PRADESH

2.2.1(1)

Learning needs of advanced learners

ETERNAL UNIVERSITY
BARU SAHIB, SIRMOUR-173101
HIMACHAL PRADESH

Special Programmes for Advanced Learners

Eternal University has a structured assessment system to identify advanced learners in each programme considering previous academic performance (10^{th}/10+2/graduate marks/grades and a baseline assessment related to basic courses related to programmes. The following programmes were effective implemented for identification, nurture and support of advanced learners.

Special Programs and various initiatives

- Workshops, Seminars and Webinars: Organize workshops, seminars, webinars and guest lectures by experts to provide deeper insights into subject matter.
- Research opportunities: Encourage the students for research, various internships programs offered by industries and collaborations with faculty in academic research.

Exposure and Networking

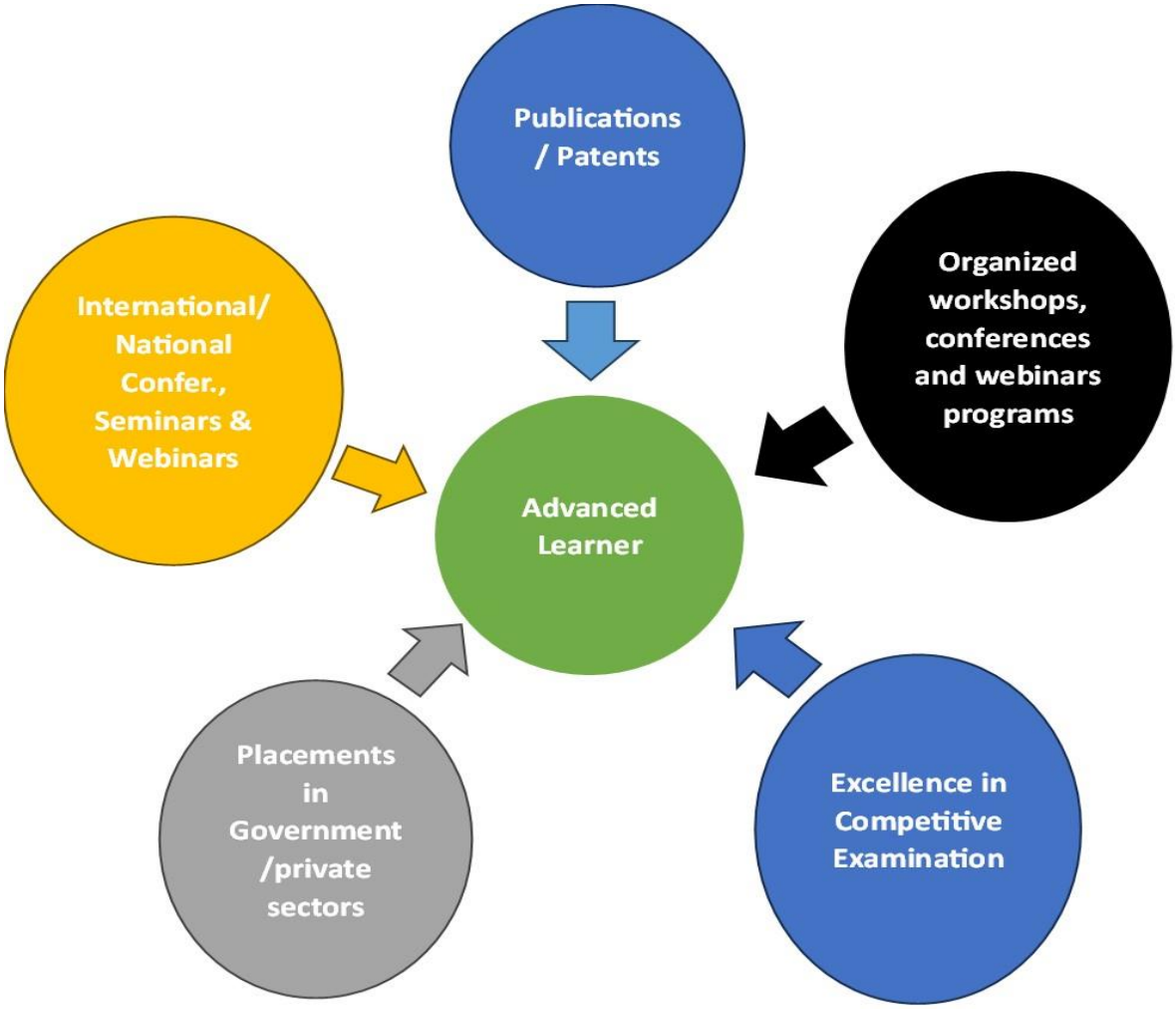
- Conferences and Competitions: Support participation in national and international conferences, competitions, and symposiums to showcase their skills and gain exposure.

Academic and Carrier Advancement

- Competitive examination: Conduct Coaching classes for competitive exams like CSIR-NET, UGC-NET, IELTS etc.
- Higher Studies counselling: Provide counselling for pursing higher education and scholarships in reputed institutions globally.

Recognition and Rewards

- Publications: Encourage students to publish their research papers in reputed journals and present research paper at national and international conferences.
- Rewards: Every year, the best outgoing and passed-out students are appreciated with gold medals.



Special programmes for differential learning needs of advanced learners

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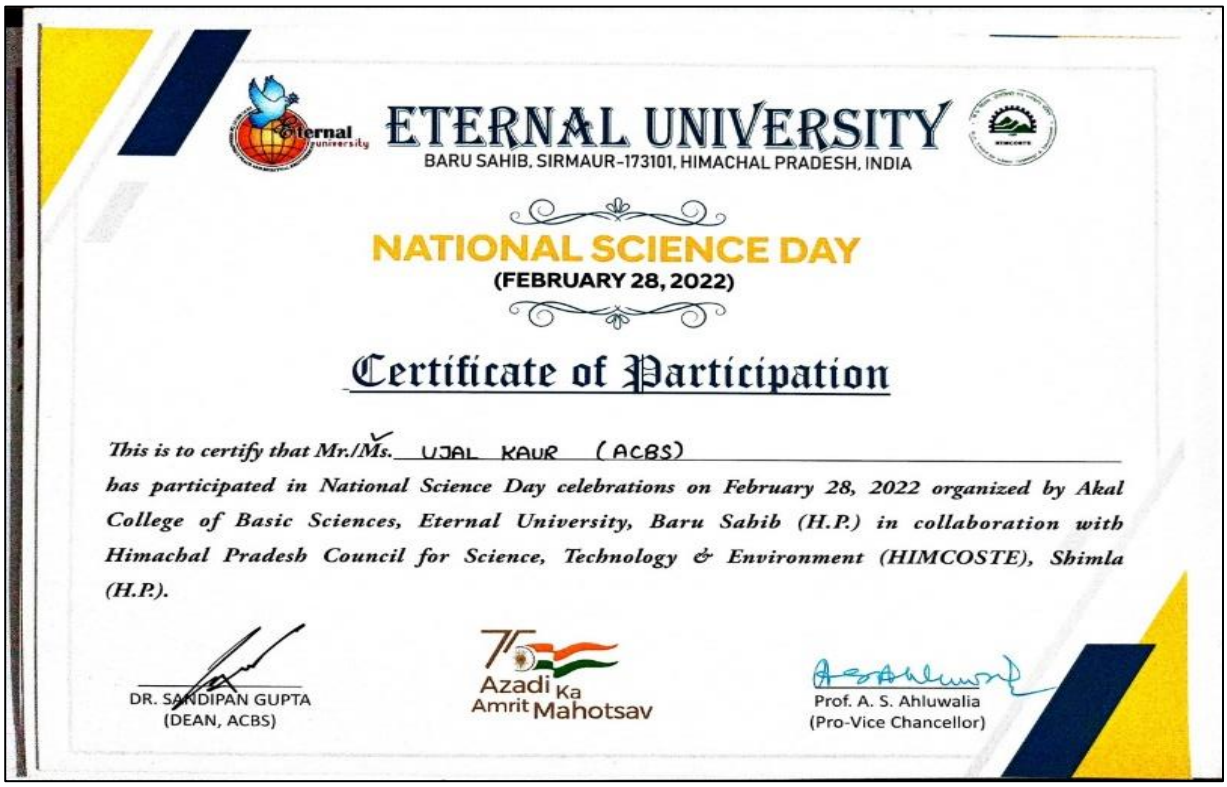
1. Participation in workshops, conferences and seminars



ETERNAL UNIVERSITY
BARU SAHIB, SIRMAUR-173101, HIMACHAL PRADESH, INDIA

NATIONAL SCIENCE DAY
(FEBRUARY 28, 2022)

Certificate of Participation

This is to certify that Mr./Ms. UJAL KAUR (ACBS)
has participated in National Science Day celebrations on February 28, 2022 organized by Akal College of Basic Sciences, Eternal University, Baru Sahib (H.P.) in collaboration with Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE), Shimla (H.P.).

DR. SANDIPAN GUPTA
(DEAN, ACBS)

Azadi Ka Amrit Mahotsav

Prof. A. S. Ahluwalia
(Pro-Vice Chancellor)

ETERNAL UNIVERSITY
BARU SAHIB, SIRMAUR-173101, HIMACHAL PRADESH, INDIA

NATIONAL SCIENCE DAY
(FEBRUARY 28, 2022)

Certificate of Recognition

This is to certify that Mr./Ms. UJAL KAUR
has won SECOND *PRIZE in* SCIENCE MODEL COMPETITION (P.G. LEVEL)
event at National Science Day celebrations on February 28, 2022 organized by Akal College of Basic Sciences, Eternal University, Baru Sahib (H.P.) in collaboration with Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE), Shimla (H.P.).

DR. SANDIPAN GUPTA
(DEAN, ACBS)

Azadi Ka Amrit Mahotsav

Prof. A. S. Ahluwalia
(Pro-Vice Chancellor)

AKAL COLLEGE OF HEALTH & ALLIED SCIENCES

ETERNAL UNIVERSITY

Baru Sahib, Distt. Sirmaur, Himachal Pradesh - 173101

Certificate of Appreciation

This is to certify that Mr./Ms. Ujalkaur

Student, Akal College of Basic Sciences

for His/ Her Commendable Performance in Participation on

World Kidney Day 2022 Theme: "Kidney Health for All"

at Eternal University on 10/03/2022.

World Kidney Day
10 March 2022

Dr. NEELAM KAUR
Dean
Faculty of Health and Allied Sciences
Eternal Uiversity

NeWIPR2023/CSIR-IMMT/InTEC882

InTEC
Innovative Technology Enabling Centre

Startup Odisha

NeW IPR - 2023

One Week National e-Workshop on Innovation & Intellectual Property Rights

Innovative Technology Enabling Centre (InTEC)
CSIR-Institute of Minerals and Materials Technology, Bhubaneswar-751013

CERTIFICATE OF PARTICIPATION

This is to certify that Achhada Ujalkaur Avatsingh of Eternal University has participated in the NeW IPR 2023 e-Workshop organized by Innovative Technology Enabling Centre (InTEC), CSIR-IMMT, Bhubaneswar during June 12-17, 2023

Dr. T. Pavan Kumar, Convener
NeW IPR 2022 e-Workshop

Dr. A.K. Sahu, CEO-InTEC
CSIR-IMMT, Bhubaneswar

Dr. Ramanuj Narayan, Director
CSIR-IMMT, Bhubaneswar

INDIAN MEDICAL ASSOCIATION

IMA STANDING COMMITTEE FOR "ANTI MICROBIAL RESISTANCE"

Certificate of Participation

This is to certify that *Achhada Ujalkaur* has participated in the

Slogan Making Competition

on

"ANTIBIOTIC RESISTANCE"

on 20th March, 2023

Your contribution towards creating awareness on this critical issue is highly appreciated

Dr. Sharad Kumar Agarwal	Dr. Anilkumar J. Nayak	Dr. Narendra Saini	Dr M. Muraleedharan
National President, IMA	Honorary Secretary General, IMA	Chairman, IMA-AMR Standing Committee	Convenor, IMA-AMR Standing Committee

ETERNAL UNIVERSITY

BARU SAHIB, SIRMOUR- 173101, HIMACHAL PRADESH, INDIA

Online Workshop

On

Importance of Intellectual Property Rights in Academia

(IIPRA-2021)

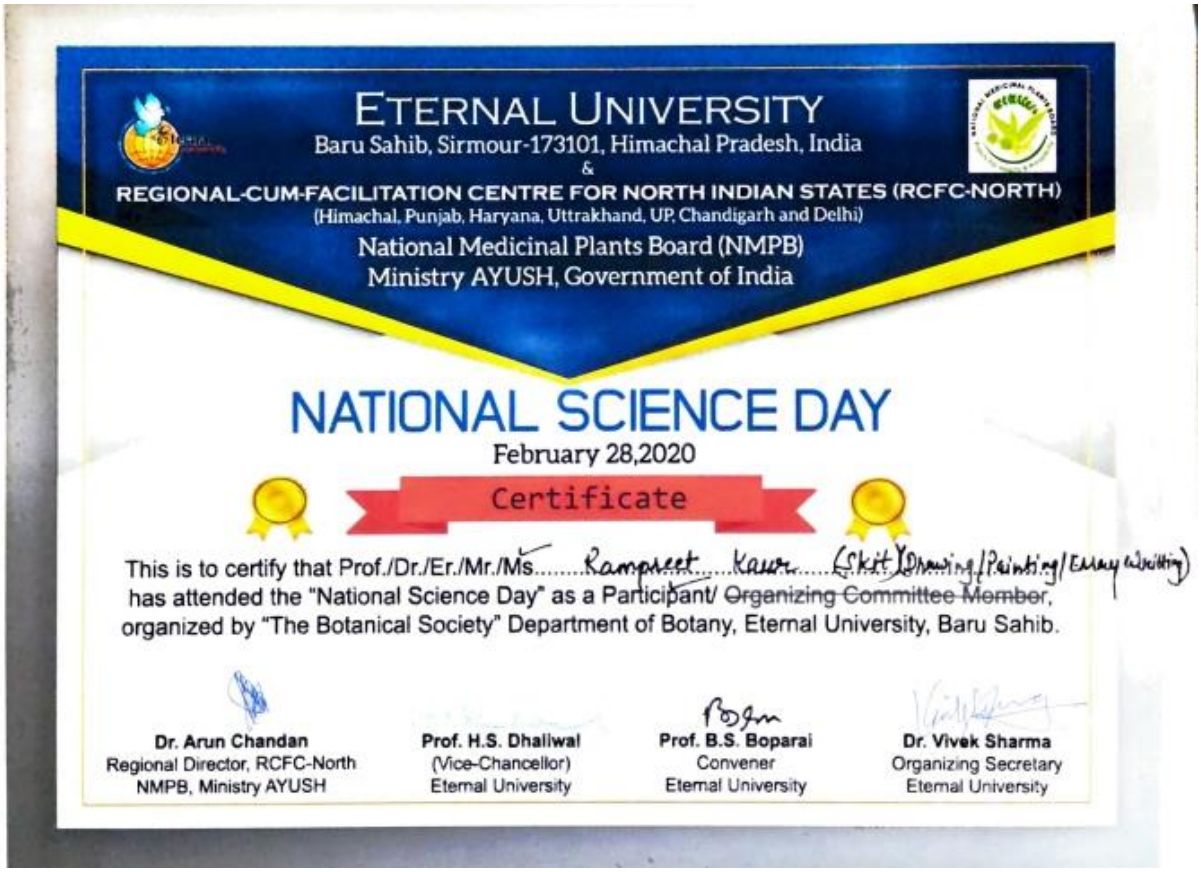
March 27, 2021

Certificate of Participation

This is to certify that *Ms. Ujalkaur Achhada* Participated in online workshop on Importance of Intellectual Property Rights in Academia (IIPRA-2021), Organized By IPR Cell, Eternal University, Baru Sahib (HP) in association with Himachal Pradesh Patent Information Centre (HPPIC), Himachal Pradesh Council for Science, Technology and Environment (HIMCOSTE), Shimla, (HP).

Dr. Sunil Kumar	Dr. Amrik Singh Ahluwalia	Dr. Davinder Singh
(Coordinator)	(Chairman)	(Patron)


black hat
CERTIFICATE
OF COMPLETION
Eternal university
This certificate is proudly presented to
Payal
Proudly certified for "Unmasking the Secrets of Ethical Hacking" , demonstrated during immersive 2-day workshop organised by 'Cyber Security Club' on August 14-15, 2023 at Eternal University, Baru Sahib, Himachal Pradesh.
Dean, Akal College of Engineering & Technology (Eternal University)
Head of Cyber Security Club


ETERNAL UNIVERSITY
Baru Sahib, Sirmour-173101, Himachal Pradesh, India
&
REGIONAL-CUM-FACILITATION CENTRE FOR NORTH INDIAN STATES (RCFC-NORTH)
(Himachal, Punjab, Haryana, Uttrakhand, UP, Chandigarh and Delhi)
National Medicinal Plants Board (NMPB)
Ministry AYUSH, Government of India
NATIONAL SCIENCE DAY
February 28,2020
Certificate
This is to certify that Prof./Dr./Er./Mr./Ms. Rampreet Kaur (Skit/Drawing/Painting/Essay writing)
has attended the "National Science Day" as a Participant/ Organizing Committee Member,
organized by "The Botanical Society" Department of Botany, Eternal University, Baru Sahib.
Dr. Arun Chandan
Regional Director, RCFC-North
NMPB, Ministry AYUSH
Prof. H.S. Dhaliwal
(Vice-Chancellor)
Eternal University
Prof. B.S. Boparai
Convener
Eternal University
Dr. Vivek Sharma
Organizing Secretary
Eternal University

RAJARAJESWARI COLLEGE OF ENGINEERING
Ramohalli Cross, Kumbalgodu,
Mysore Road, Bengaluru - 560 074

CET CODE:E145/COMED-K:E099

CERTIFICATE OF ACHIEVEMENT

This is to Certify that Yukta arora *Standard:* Graduation

Percentage 45%

from Eternal University Baru Sahib

has participated in the online"Botany" quiz

"QUIZSTER"

Organised by Department of Electrical and Electronics Engineering on 7/19/2020

Dr.N.Amuthan
HOD,EEE,RRCE

OJOHGY-CE000629

Dr.T.Chandrashekar
Principal,RRCE

AKAL ACADEMY, BARU SAHIB, AKAL COLLEGE OF EDUCATION
& UNIVERSITY CORPORATE RESOURCE CENTRE,
ETERNAL UNIVERSITY, BARU SAHIB (H.P.) - 173101

Certification of Participation

This is to certify that Dr/Prof./Mr/Ms/Mrs. RAMPREET KAUR has presented a research paper and won II nd position in

INTERNATIONAL EDUCATION CONFERENCE-2023

on

INDIAN EDUCATION SYSTEM IN 21ST CENTURY-OPPORTUNITIES, CHALLENGES & WAY FORWARD

(15th & 16th April, 2023)

Title of the Paper is Exploring the Effectiveness - - - - - - - - - - - - - - - Approaches

Convener
Eternal University

Advisor & Dean
Faculty of Health & Allied Sciences & Education

Vice Chancellor
Eternal University

InTEC
Innovative Technology Enabling Centre

Startup Odisha

NeW IPR - 2023

One Week National e-Workshop on Innovation & Intellectual Property Rights

Innovative Technology Enabling Centre (InTEC)
CSIR-Institute of Minerals and Materials Technology, Bhubaneswar-751013

CERTIFICATE OF PARTICIPATION

This is to certify that Shilippreet Kour of Eternal University, Baru Sahib has participated in the NeW IPR 2023 e-Workshop organized by Innovative Technology Enabling Centre (InTEC), CSIR-IMMT, Bhubaneswar during June 12-17, 2023

Dr. T. Pavan Kumar, Convener
NeW IPR 2022 e-Workshop

Dr. A.K. Sahu, CEO-InTEC
CSIR-IMMT, Bhubaneswar

Dr. Ramanuj Narayan, Director
CSIR-IMMT, Bhubaneswar

Eternal University, Baru Sahib, Himachal Pradesh

NATIONAL CONFERENCE

on

Current Scientific Innovations & Research in Plant Biology (CSIR-PB)

MAY 27-28, 2022

AKAL UNIVERSITY
TALWANDI SABO

Certificate of Appreciation

Is presented to

Ms. SHILPA

In Honor and Recognition of your Outstanding Special Contributions to the Purposes and Objectives of the Two Day National conference on 'Current Scientific Innovations & Research in Plant Biology (CSIR-PB) 2022', conducted in association with Society for Plant Research & Akal University, Talwandi Sabo, and Organized by Department of Botany, Akal College of Basic Sciences, Eternal University, Baru Sahib, Sirmaur -173101 (H.P.) on MAY 27-28, 2022.

Dr. Devendra K. Srivastava
(Organizing Secretary, CSIR-PB-2022)

Dr. Pradeep K. Singh
(Convener, CSIR-PB 2022)

Dr. Amrik S. Ahluwalia
(Pro-Vice Chancellor)

Dr. Davinder Singh
(Vice Chancellor)

ETERNAL UNIVERSITY

BARU SAHIB, SIRMAUR-173101, HIMACHAL PRADESH, INDIA

International Conference

On

Water, Agriculture, Dairy and Food Processing for Sustainable Economy

(WADFPSE-2022)

Certificate of Participation

This is to certify that Dr./Mr./Ms. Shilpa Sharma *from* Dept. of Microbiology, ACBS, Eternal University *Participated / Presented a paper / Poster, offline/virtual entitled* Antibiotic - - - - - - - - - - - - Threat. *in International Conference on "Water, Agriculture, Dairy and Food Processing for Sustainable Economy (WADFPSE-2022)" organized by University Corporate Resource Centre conducted (March 25-26, 2022) at Eternal University, Baru Sahib, Himachal Pradesh.*

Mr. S. Ghosh
(Convener)

Dr. Amrik Singh Ahluwalia
(Co-Patron)

Dr. Davinder Singh
(Patron)

CERTIFICATE

OF PARTICIPATION

in the "**World's Largest Drug Awareness Webinar**" with 1.05 Lakh views on Youtube and Facebook (Live) on Friday, June 26, 2020

PROUDLY PRESENTED TO

YUKTA ARORA

Bsc Honours In Microbiology , Eternal University Baru Sahib

Shiromani Panth Rattan Baba Iqbal Singh Ji,
President, The Kalgidhar Society, Baru Sahib

The Kalgidhar Society | Akal Drug De-Addiction & Rehabilitation | Akal College of Nursing & School of Public Health | Akal Charitable Hospital | Akal University | Eternal University


MINISTRY OF ELECTRONICS & INFORMATION TECHNOLOGY GOVERNMENT OF INDIA
Digital India
UMANG
mygov
मेरी सरकार
CERTIFICATE OF PARTICIPATION
UMANG and MyGov congratulate
Yukta Arora
on successfully completing the "UMANG APP QUIZ EXPERT".
We salute your effort. Keep participating...!
Abhishek Singh, IAS
President & CEO, National e-Governance Division
Ministry of Electronics & IT, Government of India


KRUPANIDHI DEGREE COLLEGE
DEPARTMENT OF PG PROGRAMS
CERTIFICATE OF PARTICIPATION
This certificate declares that
Rampreet Kaur
has successfully participated in a 5 Days International Webinar Series on "Educating Minds to Foster Sustainable Development Goals" organised by the Department of Commerce [PG], Krupanidhi Degree College, Bengaluru, India, from 27th February 2023 to 7th March 2023.
FACILITATOR
DR. C.J. RAJENDRA PRASAD
PRINCIPAL
DR. BADRUNNISA S.
Made for free with Certify'em

S.D. (PG) COLLEGE PANIPAT

A Unit of Shri S.D. Education Society (Regd.) Panipat

Affiliated to Kurukshetra University, Kurukshetra

Multi-Disciplinary National Conference

Sr No 342

on

Contemporary Trends in Humanities & Social Sciences

Sponsored by : Higher Education Department, Haryana

18-19 March 2023

Certificate

Certified that Prof./Dr./Mr./Ms. RAMPREET KAUR, Ph.D. Research Scholar from Dept. of English and Communication Studies, Eternal University, Baru Sahib, Sirmour (H.P) participated in the Multi-Disciplinary National Conference on 'Contemporary Trends in Humanities & Social Sciences' held at S.D. (PG) College, Panipat (Haryana) on 18-19 March, 2023. He/She chaired the session/ delivered invited talk/ presented a research paper entitled 'Maya Angelou's I Know Why the Caged Bird Sings- Pioneer in the History of Black Literature'

Organising Secretary | Co-Convener | Principal cum Convener

Azadi Ka Amrit Mahotsav

G20 भारत 2023 INDIA

Department of English Literature

THE ENGLISH AND FOREIGN LANGUAGES UNIVERSITY

(A Central University)

HYDERABAD

organised

The Interdisciplinary International Conference on

Mahābhārata Epic Across Asia:

Ancient Indian Knowledge System Transcending Spatio-Temporal Boundaries

sponsored by

Indian Council of Social Science Research (ICSSR)

on 29, 30, and 31 May 2023

Certificate

Certified that Dr./Mr./Ms. *Rampreet Kaur (Research Scholar) of Eternal University* participated/presented a paper, *A Comparative Study of Sri Guru Granth Sahib Ji and Bhagavad Gita: Exploring Indian Philosophical Perspectives* as a Resource Person/Paper Presenter {and Chaired a Session} at the conference.

H. Lakshmi
Director of the Conference
Prof. Haribandi Lakshmi
Dean, School of Literary Studies

T Samson
Convener of the Conference
Prof. Samson Thomas
Dean, Academics

Jai Singh
Organizing Secretary
Dr. Jai Singh
P. I. Research Cluster, Epics Across Asia

Eternal university

Drexel UNIVERSITY

Certificate of Appreciation

This is to certify that Dr./Prof./Mr./Mrs. Ms. RAMPREET KAUR ..... Has participated as Resource person/ Chairperson/ Delegate/ Organizer in the 8th International Nursing Conference on "GLOBAL PERSPECTIVES OF BETTER MENTAL HEALTH" organized by Akal College of Nursing in collaboration with Drexel University, Philadelphia, USA held on 12th & 13th October 2018.

Prof. Ranju Kour
Principal
Akal College of Nursing

Dr. Neelam Kaur
Dean, Akal College of Health & Allied Sciences
Eternal University

Dr. H.S Dhaliwal
Vice Chancellor
Eternal University

AKAL COLLEGE OF EDUCATION
ETERNAL UNIVERSITY, BARU SAHIB
HIMACHAL PRADESH - 173101

Eternal university

Certificate of Appreciation

This is to certify that Ms. Rampreet Kaur D/O Sant Baba Iqbal Singh has participated in Paper presentation under Journal club activity on 6th July, 2019 and got 1st position.

Dr. Raino Bhatia
Principal, ACE
Eternal University

Ms. Varsha Midha
Activity Incharge
Akal College of Education

B K Birla Institute of Engineering & Technology

Pilani, Rajasthan, India

Approved by All India Council for Technical Education and Affiliated to Bikaner Technical University

Online 2nd International Conference on

Recent Advances in Computational Mathematics & Engineering

(30 - 31 May, 2022)

Organized by

Department of Applied Sciences & Humanities

CERTIFICATE OF PARTICIPATION

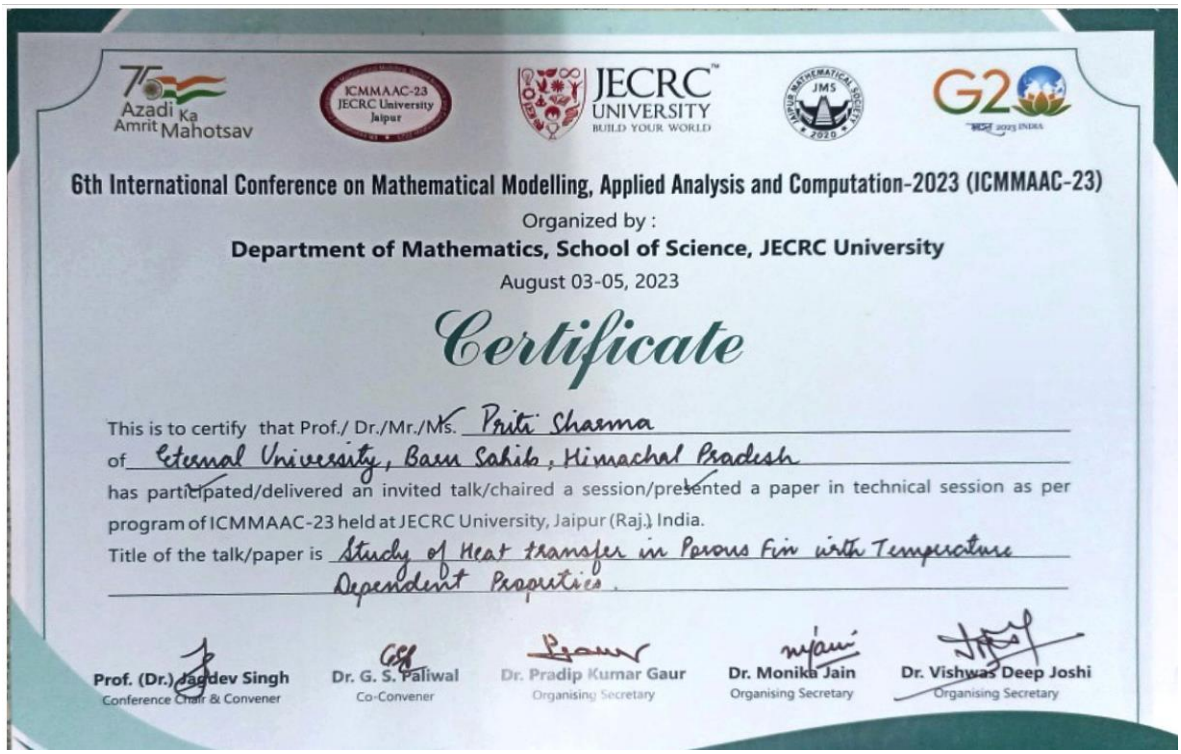
This is to certify that ***Dr/Mr./Ms.*** **PRITI SHARMA** *of* **Eternal Universty, Baru Sahib, Himachal Pradesh** *has presented the paper titled* **"Landau Legendre wavelet Galerkin method applied to study the two-phase moving boundary problem of heat transfer in finite region"** *in the Two day Online 2nd International Conference on* ***Recent Advances in Computational Mathematics & Engineering,*** *held from* ***30/05/2022*** *to* ***31/05/2022*** *at* ***B K Birla Institute of Engineering & Technology, Pilani.***

Dr. A. K. Malik
Convener- RACME-22 , BKBIET

Dr. L. Solanki
Principal, BKBIET

Dr. S. M. Prasanna Kumar
Director, BKBIET

www.bkbiet.ac.in



6th International Conference on Mathematical Modelling, Applied Analysis and Computation-2023 (ICMMAAC-23)

Organized by :

Department of Mathematics, School of Science, JECRC University

August 03-05, 2023

Certificate

This is to certify that Prof./ Dr./Mr./Ms. Priti Sharma

of Eternal University, Baru Sahib, Himachal Pradesh

has participated/delivered an invited talk/chaired a session/presented a paper in technical session as per program of ICMMAAC-23 held at JECRC University, Jaipur (Raj.) India.

Title of the talk/paper is Study of Heat transfer in Porous Fin with Temperature Dependent Properties.

Prof. (Dr.) Jagdev Singh
Conference Chair & Convener

Dr. G. S. Paliwal
Co-Convener

Dr. Pradip Kumar Gaur
Organising Secretary

Dr. Monika Jain
Organising Secretary

Dr. Vishwas Deep Joshi
Organising Secretary

DEPARTMENT OF MATHEMATICS
College of Engineering and Technology
SRM Institute of Science and Technology
Kattankulathur - 603203, Chengalpattu District, Tamil Nadu, India.

5th International Conference on

Mathematical Techniques and Applications (ICMTA-2024)

Certificate

This is to certify that Prof./Dr./Mr./Ms. PRITI SHARMA, Eternal University, Himachal Pradesh has participated / presented a paper / poster entitled Heat Transfer in moving porous fin with Nanofluid in the 5th International Conference on Mathematical Techniques and Applications (ICMTA -2024) organized by the Department of Mathematics, SRM Institute of Science and Technology, Kattankulathur, held between January 02-04, 2024.

Co-Convenors
Dr. R. VARADHARAJAN
Dr. D. K. SHEENACHRISTY
Dr. E. SURESH
Dr. TANMOYCHAKRABORTY

HOD Maths
Dr. V. SUBBURAYAN

Convenor
Dr. RITESH KUMAR DUBEY

Chairperson
(School of Applied Sciences)
Dr. D. JOHN THIRUVADIGAL

Dean, CET
Dr. T. V. GOPAL

Indian Council of Social Science Research

International Interdisciplinary and Multilingual Seminar
on
Girmitiya Descendants: Past, Present and Future

Organized By
Centre of Indian Diaspora and Cultural Studies
in association with
Department of English and Modern European Languages, University of Lucknow
Sponsored by
Indian Council for Social Science Research (ICSSR)
30th January- 01st February, 2024

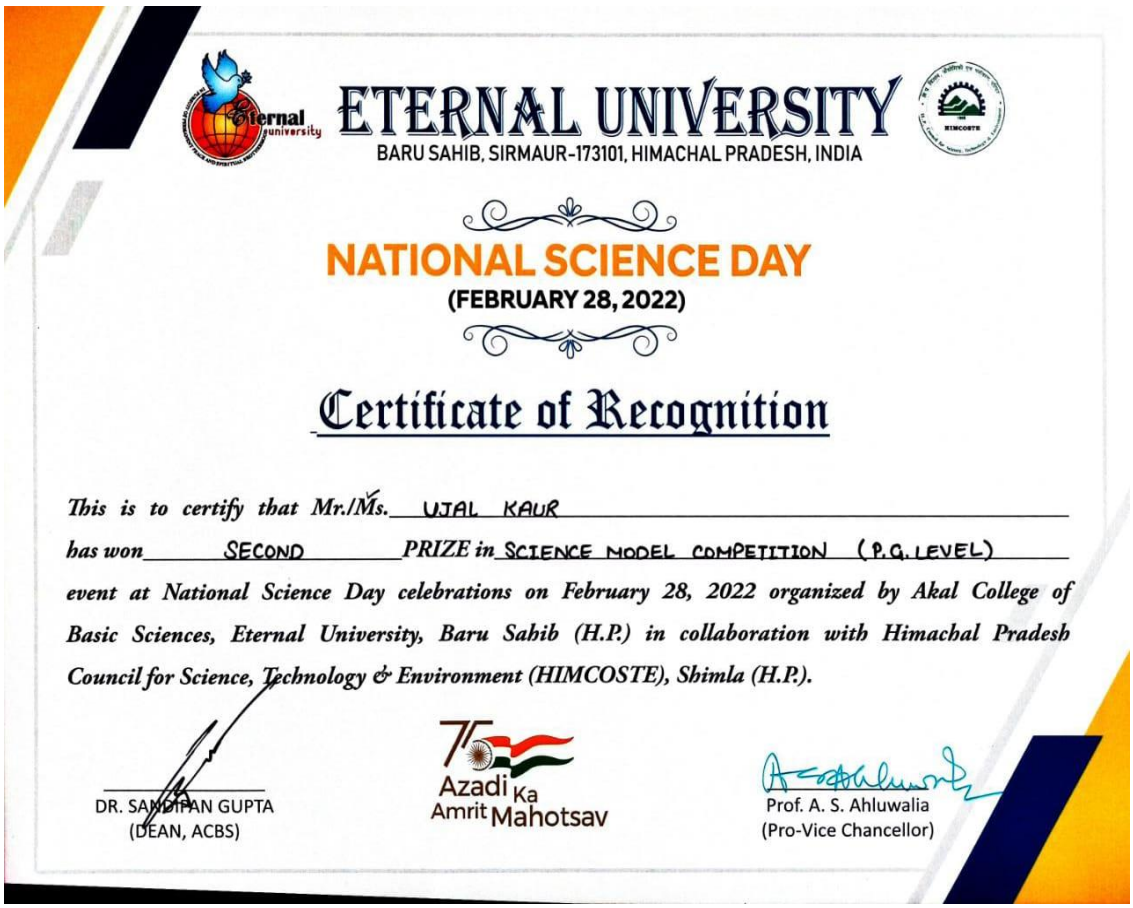
This is to certify that Prof./ Dr./ Mr./ Ms. Rashmi Verma

has chaired a session/ participated/ presented the paper titled A Taste of Multiculturism: Culinary And Cultural Exploration in *The Mistress of Spices*

at the International Seminar held from 30th January to 01 February, 2024.

Prof. O. N. Upadhyay
Organizing Secretary

Prof. M. Priyadarshini
Convenor



ETERNAL UNIVERSITY

BARU SAHIB, SIRMAUR-173101, HIMACHAL PRADESH, INDIA

NATIONAL SCIENCE DAY

(FEBRUARY 28, 2022)

Certificate of Recognition

This is to certify that Mr./Ms. UJAL KAUR

has won SECOND *PRIZE in* SCIENCE MODEL COMPETITION (P.G. LEVEL)

event at National Science Day celebrations on February 28, 2022 organized by Akal College of Basic Sciences, Eternal University, Baru Sahib (H.P.) in collaboration with Himachal Pradesh Council for Science, Technology & Environment (HIMCOSTE), Shimla (H.P.).

DR. SANDHAN GUPTA
(DEAN, ACBS)

Azadi Ka Amrit Mahotsav

Prof. A. S. Ahluwalia
(Pro-Vice Chancellor)

ETERNAL UNIVERSITY

Baru Sahib, Sirmour-173101, Himachal Pradesh, India

&

REGIONAL-CUM-FACILITATION CENTRE FOR NORTH INDIAN STATES (RCFC-NORTH)

(Himachal, Punjab, Haryana, Uttrakhand, UP, Chandigarh and Delhi)

National Medicinal Plants Board (NMPB)

Ministry AYUSH, Government of India

NATIONAL SCIENCE DAY

February 28,2020

Certificate

This is to certify that Prof./Dr./Er./Mr./Ms. Achhada Ujalkaur Avatsinghbhai (1st position-SKit) has attended the "National Science Day" as a Participant/ ~~Organizing Committee Member~~, organized by "The Botanical Society" Department of Botany, Eternal University, Baru Sahib.

Dr. Arun Chandan
Regional Director, RCFC-North
NMPB, Ministry AYUSH

Prof. H.S. Dhaliwal
(Vice-Chancellor)
Eternal University

Prof. B.S. Boparai
Convener
Eternal University

Dr. Vivek Sharma
Organizing Secretary
Eternal University

International Conference on Literature, Languages and Religions

Date: 16 - 17 December, 2023

Virtual Mode & Multiple Languages

Certificate of Participation & Presentation

This is to Certify that

Vrinda Shandil

has participated and presented a Research Paper / Article / Project titled

Feminism and Marital Discord in the Selected Fictional Works of Kamala Das and Alice Walker

Ph.D Scholar, Faculty of Arts, Eternal University, Baru Sahib, Himachal Pradesh, India

In the 'International Conference on Literature, Languages and Religions'
Dated : 16 - 17 December, 2023.

Ref. No : ICLLR2023/CPP/014

Prof. J. Adrina
ICLLR-2023 Conference Chair
Founder Member
International Languages Council, Europe

Dr. C. M. Patel
Director, Research Culture Society.
President, International Scientific Research Organization.
https://www.researchculturesociety.org

INTERNATIONAL JOURNAL OF RESEARCH CULTURE SOCIETY

A monthly Peer-Reviewed, Refereed, Indexed International Research Journal

UGC Approved Journal No. : 64291

IJRCS
ISSN: 2456-6683

IMPACT FACTOR : 6.834

Certificate of Publication

is awarded to

IJRCS

Vrinda Shandil

PAPER ID : ICLLR-2023/05

For the research paper / article entitled

Feminism and Marital Discord in the Selected Fictional Works of Kamala Das and Alice Walker

Published in IJRCS Volume - 7, Conference Special Issue - 32, December - 2023.

Certificate for Publication of :
International Conference on Literature, Languages and Religions
16 - 17 December, 2023

Jointly organized by:
'International Languages Council' ; 'Research Culture Society', and English Literature Club.

The Managing Editor
Research Culture Society and Publication
WWW.IJRCS.ORG
Email: editorijrcs@gmail.com
Email: editor@ijrcs.org

International Society for Research

ISR Chapter- Malaysia

5th International Conference on English Language, Literature and Art (ICELA) | November 25-26, 2022

https://www.isrchapter.org/ | isr.chapter@gmail.com

Certificate

This is to certify that **Vrinda Shandil** of **Assistant Professor, Dr. Y. S. P. G. P. G. College, Nahan, H. P.** has presented a paper entitled **"Subjugation to liberation through feminist literature of Maya Angelou and Azar Nafisi"** in ICELA -2022 held during November 25-26, 2022, organized by International Society for Research (ISR)-Chapter Malaysia.

Convener, ICELA -2022

ID: ICELA -0121

INTERNATIONAL SOCIETY FOR RESEARCH ISR-Chapter

sabnam

Director, ISR Chapter

National Conference on

''FARMERS FRIENDLY TECHNOLOGIES FOR QUALITY PRODUCTION AND EXPORT OF BANANA''

Date : Friday 23rd October, 2020;

Venue: Sardar Vallabhbhai Patel Arts & Science College, Ainpur, Tal. Raver, Dist. Jalgaon(M.S.)

Organized by

SARDAR VALLABHBHAI PATEL ARTS & SCIENCE COLLEGE'S, BANANA TECHNOLOGY EXTENSION CENTRE, AINPUR

In collaboration with

Jain Irrigation Systems Ltd.

Certificate of Participation

This is to certified that Mr./Ms./Dr. Vrinda Shandil participated in National Conference on Farmers Friendly Technologies for Quality Production and Export Of Banana held at Sardar Vallabhbhai Patel Arts & Science College, Ainpur, Tal. Raver, Dist. Jalgaon(M.S.), on 23rd October, 2020

Dr. K. B. Patil
Convener & Vice President
Jain Irrigation Systems Ltd., Jalgaon

Dr. Satish A. Patil
Organizing Secretary & Asst. Professor
SVP Arts & Science College, Ainpur
Dist: Jalgaon (M.S.)

Dr. J. B. Anjane
Chairman, Organising Committee and
Principal, SVP Arts & Science College,
Ainpur (M.S.)

NATIONAL CONFERENCE

ON

Reimagining and Redefining Higher Education in Light of National Education Policy: Vision to Action (HEI-NEP 2021)

Indian Council of Social Science Research

Organized by

Department of Education & Physics,

Dr. Y.S.P.G.P.G. College Nahan, Distt. Sirmour, (H. P.) India

(December 3rd - 4th, 2021)

CERTIFICATE

This is to certify that Dr./Mr./Miss/Mrs. Vrinda Shandil of G.C. Nahan

has participated/presented paper entitled Role of Single Regulatory System for Higher Education in the National Conference held on December 3rd - 4th, 2021 at Dr. Y.S.P.G.P.G. College Nahan, Distt. Sirmour, (H. P.) India

Organizing Secretary
Dr. Anup Kumar

Convener
Dr. Priyanka Verma

Chief Patron
Dr. Dinesh K. Bhardwaj (Principal)

Department of English (SF)
Holy Cross College (Autonomous)
Nagercoil, Kanyakumari
Tamilnadu, India
www.holycrossngl.edu.in

International Conference on Cultural Studies

Certificate

This is to certify that Vrinda Shandil, Assistant Professor, Dr. Y. S. P. G. P. G. College, Nahan, H. P, India has presented a paper titled A Feminist Analysis of Kamala Das' My Story in the Two Day International Conference on Cultural Studies Organised by the Department of English (SF), Holy Cross College (Autonomous), Nagercoil, Kanyakumari, Tamilnadu, India in collaboration with Cape Comorin Trust, India on 17-18 December 2022.

Ms. M. Maria Helen Janoba
Convener

Dr. R. S. Regin Silvest
President, Cape Comorin

Dr. Sr. Sahaya Selvi
Principal

Department of English (SF)
Holy Cross College (Autonomous)
Nagercoil, Kanyakumari
Tamilnadu, India
www.holycrossngl.edu.in

International Conference on Cultural Studies

Certificate

This is to certify that Vrinda Shandil, Assistant Professor, Dr. Y. S. P. G. P. G. College, Nahan, H. P, India has presented a paper titled A Feminist Analysis of Kamala Das' My Story in the Two Day International Conference on Cultural Studies Organised by the Department of English (SF), Holy Cross College (Autonomous), Nagercoil, Kanyakumari, Tamilnadu, India in collaboration with Cape Comorin Trust, India on 17-18 December 2022.

Ms. M. Maria Helen Janoba
Convener

Dr. R. S. Regin Silvest
President, Cape Comorin

Dr. Sr. Sahaya Selvi
Principal

One-Day Online National Seminar on

Role of Music and Yoga in Human Development

(24 February 2022)

Jointly organised by
Department of Music, SGGSJ Govt. College, Paonta Sahib
and
Pratibha Spandan Society, Shimla

Certificate of Participation

This is to certify that **MS. VARINDA SHANDIL, ASSISTANT PROFESSOR (ENGLISH), DR. Y.S. PARMAR P.G. COLLEGE NAHAN, SIRMOUR, HIMACHAL PRADESH, INDIA** participated in One-Day Online National Seminar on *Role of Music and Yoga in Human Development* jointly organised by Department of Music, SGGSJ Govt. College, Paonta Sahib and Pratibha Spandan Society, Shimla on 24 February 2022.

He/She has presented a paper entitled **POSITIVE EFFECTS OF YOGA AND MUSIC.**

Dr. Veena Rathore
Principal
SGGSJ Govt. College, Paonta Sahib, Sirmour, H.P.

Prof. Keshav Sharma
Patron
Pratibha Spandan Society, Shimla

Dr. Kiran Bala Sharma
Coordinator

Certificate of Participation

This certificate is awarded to

UJALKAUR

for participation in Online IP Day Quiz

On

World Intellectual Property Day 2020

Organized by

Amar Shaheed Baba Ajit Singh Jujhar Singh Memorial

COLLEGE OF PHARMACY, BELA (Ropar) Punjab

[redacted]

April 26th, 2020

[redacted]

COP BELA
www.copbela.org

[redacted]

COPBELA/IPQ-20/1495

Dr. Shailesh Sharma
Convener & Director

Satvir Singh
Co-ordinator

The Pioneer Pharmacy Institute of Punjab

MHRD

MHRD'S INNOVATION CELL (GOVERNMENT OF INDIA)

India First Leadership Talk

Certificate
of Participation

This is to certify that

ujalkaur

from Eternal university baru sahib has

Successfully attended the India First Leadership Talk webinar broadcasted

On 2nd May, 2020 by MHRD's Innovation Cell

Dr. Abhay Jere
Chief Innovation Officer, MHRD's Innovation Cell

BABASAHEB BHIMRAO AMBEDKAR UNIVERSITY
LUCKNOW
प्रज्ञा शील करुणा
ESTABLISHED 1996

BioKart
Bringing Biotech Closer

WORKSHOP

On

Innovative Applications of Metagenomics Data Analysis in Life Sciences

26th May, 2022

Certificate of Participation

is presented to

Prof./Dr./Mr./Ms. ..... Shilpa Sharma .....

Jointly Organized by

Biokart India Pvt. Ltd.

&

Centre for Innovation, Incubation and Entrepreneurship (CIIE)

Babasaheb Bhimrao Ambedkar University, Lucknow

(Vikram S.)
Director & CEO

Naveen Arora
(Naveen Kumar Arora)
Professor in-charge, CIIE
Dean, School of Earth & Environmental Sciences
BBA University

Bharati Vidyapeeth (Deemed To Be University)
New Law College, Pune, Maharashtra (India)
Social Science & Management Welfare Association Maharashtra
Youth Economic Association Maharashtra & The Global Publisher

National Conference on Multidisciplinary Research in Socio-Economic Development of Maharashtra

DATE : 31 December 2023, Sunday

VENUE : SSMWA (Maharashtra), India

Certificate

This is to certify that Prof/Dr/Shri/Mrs./Mr./Ku.

Vrinda Shandil

University / College / Organization

Research Scholar, Eternal University, Baru Sahib, Himachal Pradesh

Registration No. **135** Subject **English**

attended the National Conference on Multidisciplinary Research in Socio-Economic Development of Maharashtra. National Conference jointly organized by Bharati Vidyapeeth (Deemed To Be University) New Law College, Pune, Maharashtra (India), Social Science & Management Welfare Association Maharashtra, Youth Economic Association Maharashtra & The Global Publisher, India.

He / She successfully presented a paper entitled.....

Empowerment through Adversity: The Resilience of Female Characters in Alice Walker's The Color Purple

Dr. Ujwala Bendale	Dr. Kirtankar R.V.	Varsha Siddharth Pandya	Dr. Rajani V. Sontakke
Dean & Principal I/C New Law College, Bharati Vidyapeeth Deemed to be University, Pune, Maharashtra, India Advisory Board Member SSMWA	President - SSMWA Maharashtra State Associate Professor of Economics, N.W. Mahavidyalaya, Ak. Balapur, Maharashtra, India Advisory Board Member SSMWA	Organizing Secretary State Co-ordinator- Youth Economic Association Maharashtra, Dr. D Y Patil School of Management, Pune, Maharashtra, India	Convener Associate Professor of Economics, Dr. Madhukarrao Wasnik PWS Arts, Commerce & Science College, Nagpur, Maharashtra Member - SSMWA Maharashtra

Jointly Organized By

Website : www.issmwa.com, Email : issmwa.in@gmail.com, Cell : 8305476707, 9770123251, 9993332299

Department of Botany organized an online workshop on BONSAI (11 September 2021)

Akal College of Engineering and Technology, Eternal University, Baru Sahib organized National Workshop on "Solar and Smart Energy Systems for Sustainable Environment held on 6-7 April, 2018

Workshop On "Real Time Applications Using Next Generation IoT Technology

DST (SERB) Sponsored Two Days National Level Workshop on Real Time Applications Using Next Generation IoT Technology organized by Akal College of Engineering & Technology (ACET), Eternal University, Baru Sahib on 20-21 April, 2018.

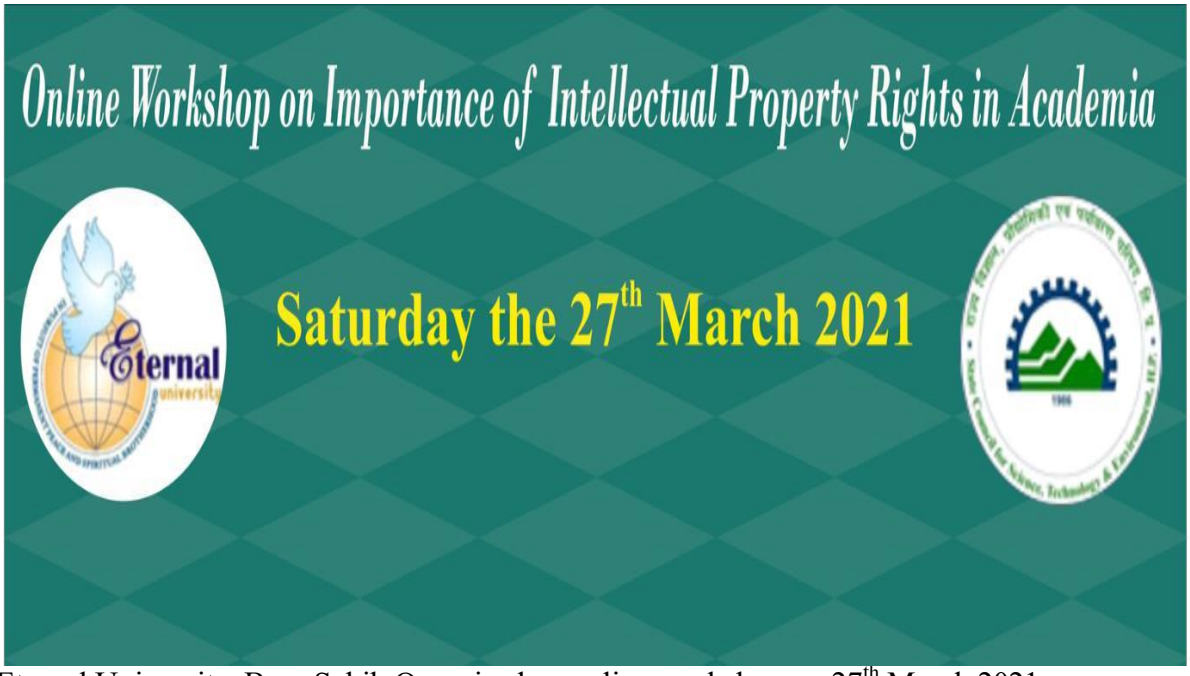
WORKSHOP-CUM-TRAINING PROGRAM

Eternal University Baru Sahib organized a “Fabrication of Low-Cost Solar Drying System” workshop at Gram Panchayat: Maatal Bakhog (Rajgarh) District: Sirmaur on February 23, 2020.

NATIONAL CONFERENCE ON SUSTAINABILITY

National Conference on Sustainability Theme: Methods, Practices & Adaptation-Indian Perspective (2021)

WORKSHOP ON IMPORTANCE OF INTELLECTUAL PROPERTY RIGHTS IN ACADEMIA



Eternal University, Baru Sahib Organised an online workshop on 27th March 2021.

WORK IN RAAGADARI MUSIC

"Elements of Bhakti Rasa in Music"

&

"Composition Work in Raagadari Music"

Date: 25.4. 2022 Time: 10:00 am to 4:00 pm

By

Prof. Dr. Chamanlal Verma

Specialist in Hindustani Vocal

Ex-Dean & Chairperson HPU, Shimla

Mode – Offline

Venue: Performance Room, Dept. of Music

(Certificates will be provided to the participants)

ORGANIZER
Department of Music

CONVENER
Dr. Simarpreet Kaur

Organizing committee member: All faculty of Dept. of Music, EU

Department of Music Akal College of Arts and Social Science, Eternal University organized a workshop on the Element of Bhakti Rasa in Music & Composition Work in Raagadari Music on 25 April 2022.

NATIONAL CONFERENCE ON CURRENT SCIENTIFIC INNOVATIONS & RESEARCH IN PLANT BIOLOGY

NEED TO UPGRADE COMMUNICATION SKILLS FOR PROFESSIONAL PURPOSE

SESSION ON AUTISM SPECTRUM DISORDER (ASD)

EU IQAC <iqac@eternaluniversity.edu.in>

Fwd: Training Programe of online J-Gate Journals access on Dated 26th Sep-2022 Monday

1 message

VC Office <contact@eternaluniversity.edu.in> Fri, Sep 23, 2022 at 4:59 PM
To: Baldev Sohal <baldev.sohal@gmail.com>, Dean ACBS <acbs@eternaluniversity.edu.in>, acecm@eternaluniversity.edu.in, Akal College of Agriculture ACA <aca@eternaluniversity.edu.in>, DR NARINDERPAL SINGH <nanusingh58@gmail.com>, "Dr. Narinder Pal Singh" <narinderpal@eternaluniversity.edu.in>, balrajsingh@eternaluniversity.edu.in, Administrative Executive Baru Sahib <admin@akalacademy.ac.in>, "Dr. Manjinder Kaur" <drmanjindereco@eternaluniversity.edu.in>, "Ms. Kuldeep Kaur" <kuldeepeco@eternaluniversity.edu.in>, "Dr. Kajal Chaudhary" <drkajalcom@eternaluniversity.edu.in>, "Mr. Ambar Srivastava" <Ambarcom@eternaluniversity.edu.in>, Amit Kumar <amit@eternaluniversity.edu.in>, tanu sharma <tanusharmapu@gmail.com>, babitaacn@eternaluniversity.edu.in, lovepreetacn@eternaluniversity.edu.in, jaiswalmamta28@gmail.com, Eternal University Registrar <registrar@eternaluniversity.edu.in>, examination@eternaluniversity.edu.in, EU Admissions <admissions@eternaluniversity.edu.in>, VC Office <contact@eternaluniversity.edu.in>, EU IQAC <iqac@eternaluniversity.edu.in>, skchauhan1958@gmail.com, acass@eternaluniversity.edu.in, dryogeetathakur@eternaluniversity.edu.in, dsw@eternaluniversity.edu.in, acet@eternaluniversity.edu.in, pardeep13@yahoo.com, ace@eternaluniversity.edu.in, scghoshcre@eternaluniversity.edu.in, acn@barusahib.org, drshantaeco@eternaluniversity.edu.in, drbaldevsinghagro@eternaluniversity.edu.in, pritesh@eternaluniversity.edu.in, krishan@eternaluniversity.edu.in, drkulbhushaneng@eternaluniversity.edu.in, drsimranjitpun@eternaluniversity.edu.in, neelamkumari@eternaluniversity.edu.in, meenakshilib@eternaluniversity.edu.in, drsatinderjitcse@eternaluniversity.edu.in, kamal@eternaluniversity.edu.in, puneetnegi@eternaluniversity.edu.in, drnasibmicro@eternaluniversity.edu.in, neelamthakur@eternaluniversity.edu.in, anupama@eternaluniversity.edu.in, dr.shaveta@eternaluniversity.edu.in, pawankumarmang@eternaluniversity.edu.in, ankitpathania6067@gmail.com, drpriyankaento@eternaluniversity.edu.in, sushma@eternaluniversity.edu.in, praneetchauhan@eternaluniversity.edu.in, neeraj@eternaluniversity.edu.in, drvikrantgpb@eternaluniversity.edu.in, drroopbiotech@eternaluniversity.edu.in, ajar@eternaluniversity.edu.in, sapna@eternaluniversity.edu.in, imran@eternaluniversity.edu.in, amitsaurabh@eternaluniversity.edu.in, drdivyahort@eternaluniversity.edu.in, dryogendrahort@eternaluniversity.edu.in, tajendra@eternaluniversity.edu.in, drnaseerahmed@eternaluniversity.edu.in, drmohitaec@eternaluniversity.edu.in, drmaheshtripathi@eternaluniversity.edu.in, deepakkumar20031993@gmail.com, Manjuagro@eternaluniversity.edu.in, drrakeshagro@eternaluniversity.edu.in, drirfanft@eternaluniversity.edu.in, rajatft@eternaluniversity.edu.in, drsimarpreetmusic@eternaluniversity.edu.in, geetaeng@eternaluniversity.edu.in, drambikaeng@eternaluniversity.edu.in, drrajwinderpun@eternaluniversity.edu.in, gurtejdhindsa5@gmail.com, gurtejpun@eternaluniversity.edu.in, yashpal@eternaluniversity.edu.in, drdeepikapsy@eternaluniversity.edu.in, prachi.kitkat@gmail.com, grewaljiya840@gmail.com, drbakyarajeng@eternaluniversity.edu.in, amitsharma@eternaluniversity.edu.in, abhilasha@eternaluniversity.edu.in, ravinderjitwi@eternaluniversity.edu.in, chamanlalwi@eternaluniversity.edu.in, ravinder.singh@eternaluniversity.edu.in, ergurpreetcse@eternaluniversity.edu.in, Krishancse@eternaluniversity.edu.in, drsurjanmath@eternaluniversity.edu.in, anilkumargupta@eternaluniversity.edu.in, sonibisht@eternaluniversity.edu.in, manpreet@eternaluniversity.edu.in, dranilchem@eternaluniversity.edu.in, madan.physics26@eternaluniversity.edu.in, drpoonaphy@eternaluniversity.edu.in, drbdbotany@eternaluniversity.edu.in, drvivekbotany@eternaluniversity.edu.in, drdevendrabotany@eternaluniversity.edu.in, singhpk@eternaluniversity.edu.in, drlatabotany@eternaluniversity.edu.in, balbinderzoolgy@eternaluniversity.edu.in, preetyzoolgy@eternaluniversity.edu.in, bdsharma.iias@gmail.com, divjotkour@eternaluniversity.edu.in, drgaganzoology@eternaluniversity.edu.in, kanwaljit58@gmail.com, drjaswantbed@eternaluniversity.edu.in, drjasvirbed@eternaluniversity.edu.in, manpreetbed@eternaluniversity.edu.in, jaswinderacn@eternaluniversity.edu.in, manpreetaacn@eternaluniversity.edu.in, kavitaacn@eternaluniversity.edu.in, vidhiacn@eternaluniversity.edu.in, komalacn@eternaluniversity.edu.in, sameekshaacn@eternaluniversity.edu.in, mnishaacn@eternaluniversity.edu.in, neenurajput@gmail.com, ushaacn@eternaluniversity.edu.in, umaacn@eternaluniversity.edu.in, muthukumaranacn@eternaluniversity.edu.in, sumanacn@eternaluniversity.edu.in, chanchalacn@eternaluniversity.edu.in, drharpreetacn@eternaluniversity.edu.in, amarsinghos@eternaluniversity.edu.in, rajeshoa@eternaluniversity.edu.in, hardeepoa@eternaluniversity.edu.in, sukhveeroe@eternaluniversity.edu.in, rds@eternaluniversity.edu.in, manpreetit@eternaluniversity.edu.in, babitalib@eternaluniversity.edu.in, anita@eternaluniversity.edu.in, amritpaladm@eternaluniversity.edu.in, Placements@eternaluniversity.edu.in, sandeepoa@eternaluniversity.edu.in, ksboparai1953@gmail.com, mandeepad@eternaluniversity.edu.in, layakfa@eternaluniversity.edu.in, motila@eternaluniversity.edu.in, rajeev@eternaluniversity.edu.in, anoopla@eternaluniversity.edu.in, santkauroa@eternaluniversity.edu.in, accounts@eternaluniversity.edu.in, designer@eternaluniversity.edu.in
Cc: President Kts <secretarykts@barusahib.org>, "pvc@eternaluniversity.edu.in" <pvc@eternaluniversity.edu.in>

Respected Sir/Madam

Forwarded for your information, please.

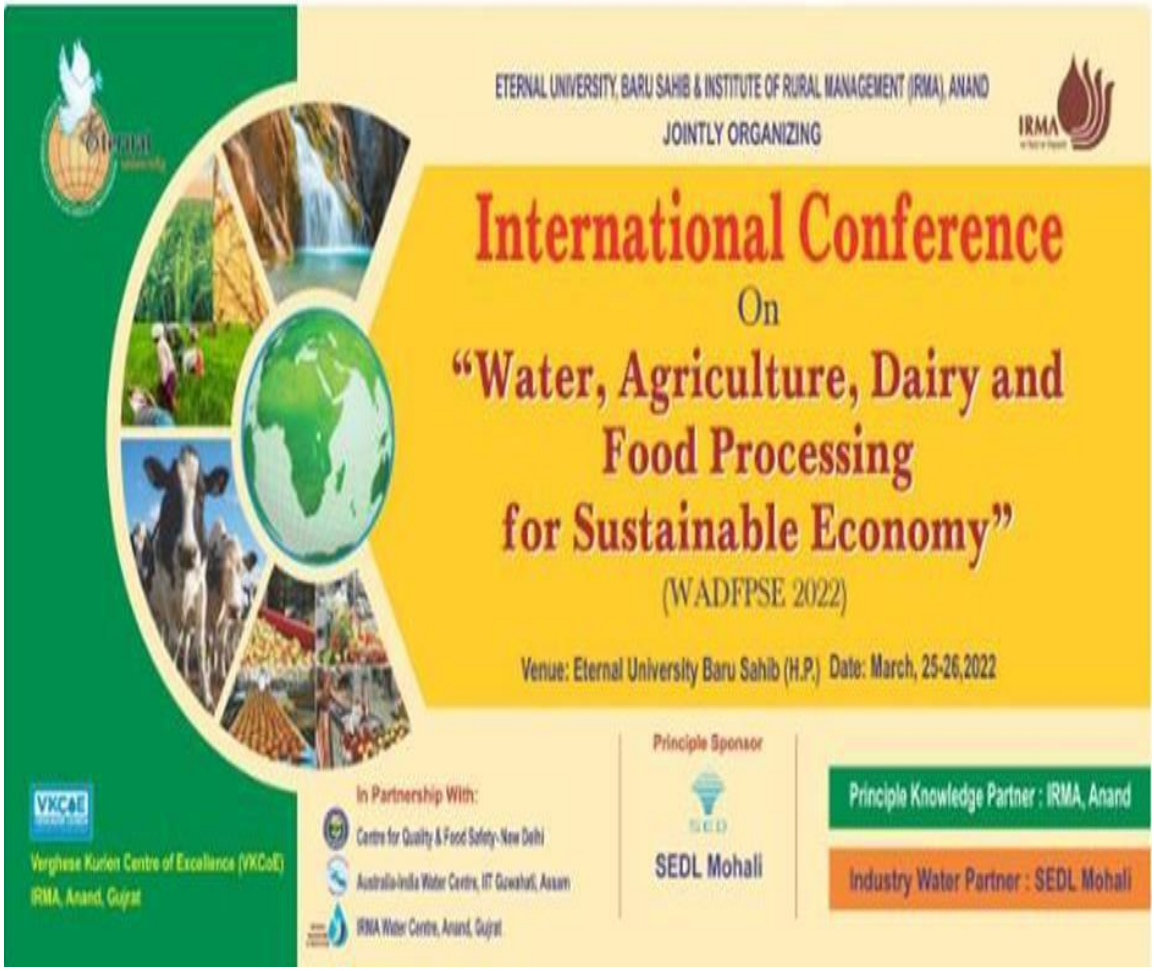
Thanking you

Secretary
Vice Chancellor
Eternal University

Forwarded message

INTERNATIONAL CONFERENCE- WADFPSE-2022

International Conference on "Water, Agriculture, Dairy and Food Processing for Sustainable Economy"



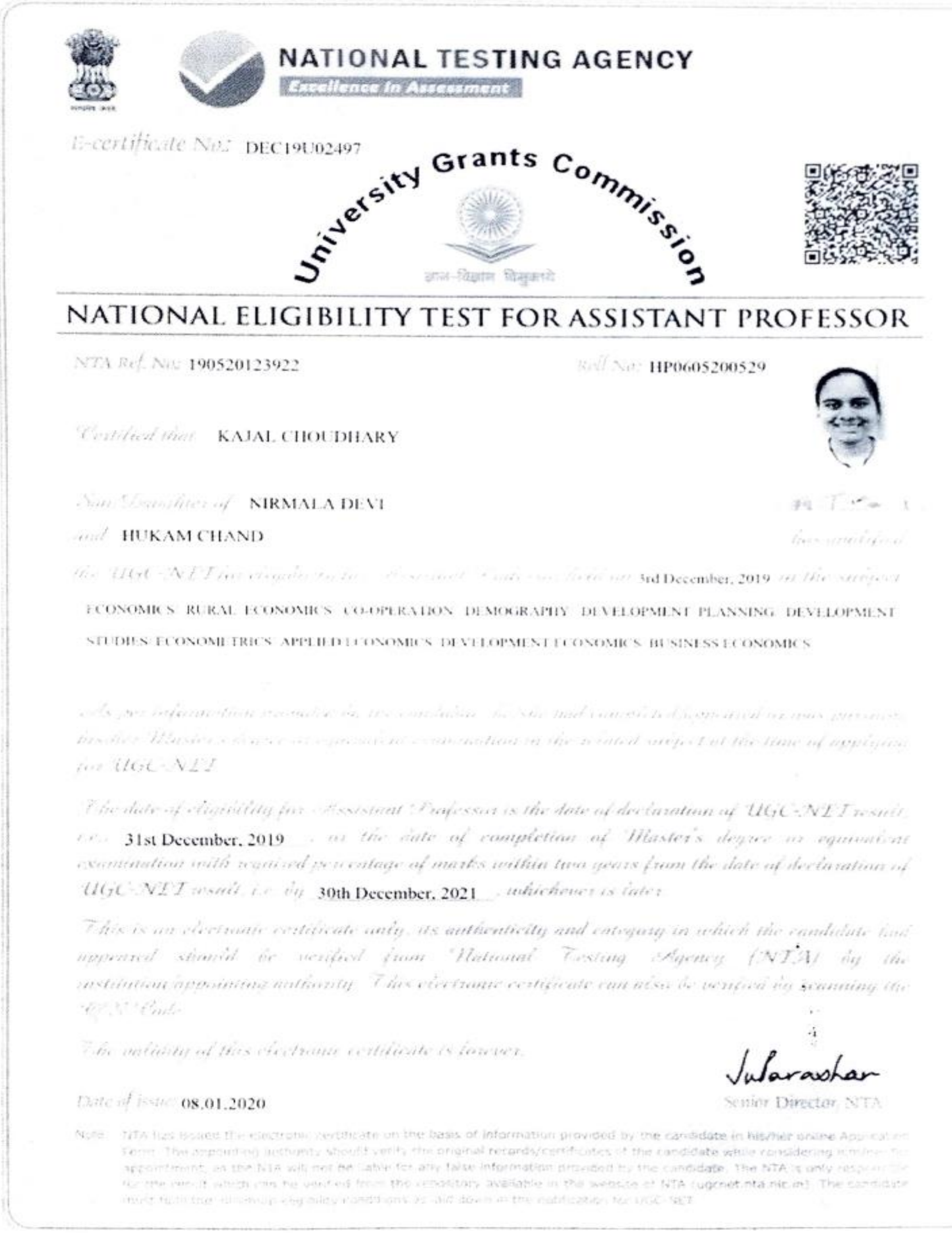
WORKSHOP ON PEDAGOGICAL INITIATIVES

WORKSHOP FOR ENHANCING COMMUNITY HEALTH NURSING PRACTICES

NURTURING EXCELLENCE IN OBSTETRICS & GYNAECOLOGY: A COMPREHENSIVE WORKSHOP

Nurturing Excellence in Obstetrics & Gynaecology: A Comprehensive Workshop 12th-13th May, 2023

2. Higher Education and Research



NATIONAL TESTING AGENCY

Excellence in Assessment

E-certificate No.: DEC19U02497

University Grants Commission

NATIONAL ELIGIBILITY TEST FOR ASSISTANT PROFESSOR

NTA Ref. No.: 190520123922 Roll No.: HP0605200529

Certified that KAJAL CHOUDHARY

Son/Daughter of NIRMALA DEVI

and HUKAM CHAND has qualified

the UGC-NET for eligibility for Assistant Professor held on 3rd December, 2019 in the subject

ECONOMICS/ RURAL ECONOMICS/ CO-OPERATION/ DEMOGRAPHY/ DEVELOPMENT PLANNING/ DEVELOPMENT STUDIES/ ECONOMETRICS/ APPLIED ECONOMICS/ DEVELOPMENT ECONOMICS/ BUSINESS ECONOMICS

As per information provided by the candidate [illegible] his/her Master's degree or equivalent examination in the related subject at the time of applying for UGC-NET.

The date of eligibility for Assistant Professor is the date of declaration of UGC-NET result i.e. 31st December, 2019 or the date of completion of Master's degree or equivalent examination with required percentage of marks within two years from the date of declaration of UGC-NET result i.e. by 30th December, 2021, whichever is later.

This is an electronic certificate only, its authenticity and category in which the candidate had appeared should be verified from National Testing Agency (NTA) by the institution/appointing authority. This electronic certificate can also be verified by scanning the QR Code.

The validity of this electronic certificate is forever.

Date of issue: 08.01.2020

Senior Director, NTA

Note: NTA has issued the electronic certificate on the basis of information provided by the candidate in his/her online Application Form. The appointing authority should verify the original records/certificates of the candidate while considering him/her for appointment, as the NTA will not be liable for any false information provided by the candidate. The NTA is only responsible for the result which can be verified from the repository available in the website of NTA (ugcnet.nta.nic.in). The candidate must fulfil the minimum eligibility conditions as laid down in the notification for UGC-NET.

NATIONAL TESTING AGENCY

Excellence in Assessment

E-certificate No.: 21D/22J09156

University Grants Commission

ज्ञान-विज्ञान विमुक्तये

NATIONAL ELIGIBILITY TEST FOR ASSISTANT PROFESSOR

NTA Ref. No: 220510473130 Roll No: CH01660011

Certified that JAGNEET KAUR

Son/Daughter of JATINDER KAUR

and MAHINDER SINGH has qualified

the UGC-NET for eligibility for Assistant Professor held on 12.10.2022

for December 2021 and June 2022 (merged session) in the subject

Education

As per information provided by the candidate, he/she had completed/appeared or was pursuing his/her Master's degree or equivalent examination in the related subject at the time of applying for UGC-NET.

The date of eligibility for Assistant Professor is the date of declaration of UGC-NET result, i.e., 05.11.2022, or the date of completion of Master's degree or equivalent examination with required percentage of marks within two years from the date of declaration of UGC-NET result, i.e. by 04.11.2024, whichever is later.

This is an electronic certificate only, its authenticity and category in which the candidate had appeared should be verified from National Testing Agency (NTA) by the institution/appointing authority. This electronic certificate can also be verified by scanning the QR Code.

The validity of this electronic certificate is forever.

Date of issue: 16.12.2022

Senior Director, NTA

Note: NTA has issued the electronic certificate on the basis of information provided by the candidate in his/her online Application Form. The appointing authority should verify the original records/certificates of the candidate while considering him/her for appointment, as the NTA will not be liable for any false information provided by the candidate. The NTA is only responsible for the result which can be verified from the repository available in the website of NTA (ugcnet.nta.nic.in). The candidate must fulfil the minimum eligibility conditions as laid down in the notification for UGC-NET.

NATIONAL TESTING AGENCY
Excellence in Assessment
(उच्चतर शिक्षा विभाग, शिक्षा मंत्रालय, भारत सरकार के तहत एक स्वायत्त संगठन)
(An Autonomous Org. under the Department of Higher Education, Ministry of Education, Govt. of India)
विश्वविद्यालय अनुदान आयोग
First Floor, NSIC-MDBP Building, Okhla Industrial Estate, New Delhi, Delhi 110020 (India), Phone: 011-69227700, 011-40759000

JRF AWARD LETTER

Dated: **16.12.2022**

NTA Ref. No.: **220510473130**

Roll No.: **CH01660011**

JAGNEET KAUR
Son/Daughter of **JATINDER KAUR**
and **MAHINDER SINGH**
Subject: **Education**

Dear Candidate,

*I am pleased to inform you that you have qualified for Junior Research Fellowship (JRF) and eligibility for Assistant Professor in the National Eligibility Test (UGC-NET) conducted for December 2021 and June 2022 (merged session). The tenure of fellowship is five years and it commences from the date of declaration of NET result, i.e., **05.11.2022** (or) from the date of admission under M.Phil./Ph.D. (or) from the date of joining M.Phil./Ph.D. programme, whichever is later. The summary of financial assistance offered under the scheme is mentioned at **Annexure I** available on www.ugc.ac.in/netjrf*

*The Awardee is required to get admission and registration for regular and full time **M.Phil./Ph.D.** course in a University/Institution/College recognized by UGC at the first available opportunity **but not later than three years** from the date of issue of this award letter. University/Institution/College is requested to process for award of JRF based on this letter, in accordance with the procedure available on www.ugc.ac.in/netjrf.*

It may be noted that the fellowship amount shall be disbursed through Canara Bank to bank account of the Awardee (any bank) directly. UGC has developed a dedicated web portal (https://scholarship.canarabank.in) for capturing data of the awardee. The Universities/Colleges/Institutions will link the data of the awardee with the master data on the UGC web portal with unique Maker/Checker Ids which have already been provided to them along with the passwords. The Universities/Colleges/Institutions shall update the information in the master data (regarding monthly payment confirmation, HRA, up-gradation, resignation etc.) of the beneficiaries on monthly basis. Based on the data updated on UGC web portal by the concerned Universities/Colleges/Institutions, the payment of the fellowship will be made to the beneficiaries (Detailed process available at https://www.ugc.ac.in/ugc_notices.aspx?id=2153).

*It may also be noted that UGC has proposed to link **"AADHAAR"** with bank account of students so that there can be direct cash transfer and effective disbursal of fellowship into bank account of the student. In this regard, Secretary, UGC has already requested the universities to help students in Aadhaar enrolment vide D.O. No. F.14-34/2011 (CPP-II) dated 11.01.2013.*

It may please be noted that the award is liable to be cancelled by Implementing/Awarding agency and it will also attract legal action against the Awardee in the following cases:

i. *If the awardee is found to be ineligible to receive the award at any point during the entire duration of fellowship,*
ii. *Misconduct of Awardee,*
iii. *Unsatisfactory progress of research work,*
iv. *Failure in any examination related to M.Phil./Ph.D.,*
v. *In case any other fellowship is drawn from other source(s).*
vi. *Concealment of facts.*

The e-Certificate of eligibility for Assistant Professor has been uploaded on https://ecertificate.nta.ac.in. The eligibility of the candidate is to be ensured by the institution/appointing authority. The category in which the candidate had appeared may be verified from NTA.

This electronic JRF award letter can also be verified by scanning the QR Code.

With best wishes,

(Dr Sadhana Parashar)
Senior Director

Note: NTA has issued the electronic JRF award letter on the basis of information provided by the candidate in his/her online application form. The appointing authority should verify the original records/certificates of the candidate while considering him/her for JRF award or appointment, as the NTA will not be liable for any false information provided by the candidate. The NTA is only responsible for the result which can be verified from the repository available in the website of NTA (ugcnet.nta.nic.in). The candidate must fulfil the minimum eligibility conditions as laid down in the notification for UGC-NET.

3. Placement in Government/ Private Sector

अखिल भारतीयआयुर्विज्ञान संस्थान,गोरखपुर
All India Institute of Medical Sciences, Gorakhpur
(स्वास्थ्य एवं परिवार कल्याण मंत्रालय भारत सरकार द्वारा स्थापित एक स्वायत्त निकाय)
(An autonomous organization under the Ministry of Health & Family Welfare, Govt. of India)

File.No.: AIIMS/NRP/Admn/2022-23/398 दिनांक / Date: 22/04/2022

सेवा में/To,

श्री/श्रीमती. संदीप कौर मान

Mr. /Ms. SANDEEP KAUR MANN,
ADD.- HNO 210/4, DURGA COLONY, TARUWALA, PAONTA SAHIB, Paonta Sahib , HIMACHAL PRADESH, India, 173025

Sub: Offer of appointment to **Mr./Ms. SANDEEP KAUR MANN** for the post of **Nursing Officer** at All India Institute Medical Sciences, Gorakhpur.

परिचर्या अधिकारी के पद हेतु आपके आवेदन तथा दिनांक 20.11.2021 को आयोजित हुई परीक्षा तथा दिनांक 04.04.2022–13.04.2022 को आयोजित ऑनलाइन दस्तावेजों के सत्यापन के संदर्भ में अखिल भारतीय आयुर्विज्ञान संस्थान,गोरखपुर एतद् द्वारा आपको वेतन संरचना 7 वें वेतन आयोग के मैट्रिक्स लेवल–7 (9300–34800 तथा ग्रेड वेतन रू. 4,600/-) और समय–समय पर गोरखपुर में सदृश पदों पर नियुक्त केन्द्रीय सरकार के कर्मचारियों को अनुमेय भत्तों के साथ परिचर्या अधिकारी के पद हेतु नियुक्ति प्रस्ताव प्रस्तुत करता है।

With reference to your application for the post Nursing Officer and on the basis of examination held on 20-11-2021 and online document verification held from 04-04-2022 to 13-04-2022 for the post of Nursing Officer. All India Institute of Medical Sciences, Gorakhpur offers you appointment to the post of Nursing Officer Level-7 of Pay matrix of 7th CPC (pay scale of Rs. 9,300 – 34,800/- with Grade Pay of Rs. 4,600/-) and other usual allowance as admissible from time to time to the Central Government Employees of similar category stationed at Gorakhpur.

2. अन्य शर्तें निम्नानुसार हैं/ Other terms & conditions are as mentioned below:-

(i) वे दो वर्ष की अवधि हेतु परिवीक्षा पर रहेंगे/रहेंगी, या भारत सरकार के सीसीएस नियमावली के अनुसार मामले के आधार पर संस्थान के निर्णय के अनुसार लंबी अवधि पर। परिवीक्षा–अवधि के दौरान, उन्हें संतोषजनक सेवाएं प्रदान करना अपेक्षित है, जिसमें असफल रहने पर उनकी सेवाएं किसी भी समय बिना कोई नोटिस दिए अथवा बिना कोई कारण बताए समाप्त कर दी जाएंगी। तथापि, नियुक्ति प्राधिकारी परिवीक्षा की अवधि बढ़ा सकते है। स्थायीकरण के विनिर्दिष्ट आदेशों के अभाव में, नियुक्ति को परिवीक्षा पर जारी रहना समझा जाएगा। परिवीक्षा अवधि के दौरान आप अस्थायी कर्मचारी होंगे और आप सीसीएस (अस्थायी सेवा) नियम 1965 के द्वारा संचालित होंगे।

He/She shall be on probation for a period of two years or longer period as decided by the Institute on case to case basis as per CCS rules of Government of India. During the period of probation, he/she shall be required to put in satisfactory services failing which his/her services shall be terminated at any time without any notice or reason being assigned for the same. The appointing authority may, however, extend the period of probation. In the absence of specific orders of confirmation, the appointment will be deemed to continue on probation. During the period of probation, you will be temporary employee and will be governed by the CCS (Temporary Service) Rules, 1965.

(ii) उनकी नियुक्ति दोनों पक्षों में किसी भी पक्ष अर्थात नियुक्त व्यक्ति अथवा नियुक्ति प्राधिकारी द्वारा किसी भी समय बिना कोई कारण बताए एक माह का नोटिस देकर समाप्त की जा सकती है। संस्थान को यह अधिकार है कि वह नोटिस वेतन के बदले एक माह से अतिरिक्त अवधि हेतु वेतन का भुगतान कर सकता है। इसी प्रकार नियुक्त व्यक्ति भी यदि अपने पद से त्यागपत्र देना चाहता/चाहती है तो वो भी एक माह की नोटिस अवधि के अतिरिक्त समय के बदले वेतन एंव भत्तों को संस्थान में जमा करके ऐसा कर सकते हैं।

His/her appointment may be terminated at any time with a month's notice by either side, viz., the

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appointee or the appointing authority, without assigning any reason whatsoever. It will be open to the Institute to pay in lieu of notice pay for the period by which the notice falls short of one month. Similarly, if he/she wishes to resign his/her post, he/she may do so by depositing with the Institute, pay and allowances in lieu of the notice period by which it falls short of one month.

3. सभी प्रकार के निजी व्यवसाय पूर्णतः प्रतिबंधित है।
   All kind of private practices are strictly prohibited.
4. यह नियुक्ति, नियुक्त व्यक्ति की तरफ से निम्नलिखित पूर्व अपेक्षाओं के अनुपालन के अधीन होगी।
   The appointment will be further subject to the compliance of the following pre-requisite on the part of appointee:-

(i) पदभार ग्रहण करने से पहले नियुक्त व्यक्ति को चिकित्सा बोर्ड से प्राप्त शारीरिक स्वस्थता प्रमाण–पत्र प्रस्तुत करना होगा जिसके लिए संबंधित व्यक्ति को एम्स के चिकित्सा बोर्ड से संपर्क करना चाहिए और चिकित्सा प्रमाण पत्र, जिसमे आपको पदभार ग्रहण करने के लिए चिकित्सकीय रूप से सक्षम बताया जाना चाहिए, को प्रस्तुत करने के पश्चात ही नियुक्ति प्रदान की जायेगी।
The production of a certificate of fitness from the Medical Board of the Institute before joining the post for which he/she should contact the Medical Board of the AIIMS, Gorakhpur. And joining will be subject to production of medical Certificate, which should state that you are medically fit for joining the post.

(ii) एमओएफ के संदर्भ में कार्यालय ज्ञाप संख्या एफ- 5-21/68/एम.ए. दिनांक 12 दिसंबर, 1958 को एक महिला उम्मीदवार, जो परीक्षणों के परिणामस्वरूप, 12 सप्ताह या उससे अधिक की गर्भवती पाई जाती है, को प्रसूति समाप्त होने तक अस्थायी रूप से अयोग्य घोषित किया जाना चाहिए। उम्मीदवारों को एक पंजीकृत चिकित्सक से फिटनेस के चिकित्सा प्रमाण पत्र के उत्पादन के अधीन, श्रम की तारीख के छह सप्ताह बाद फिटनेस प्रमाण पत्र के लिए फिर से जांच की जानी चाहिए।
In Terms of MOF OM No. F- 5-21/68/M.A. dated the 12th December, 1958 that a woman candidate, who as a result of tests, is found to be pregnant of 12 weeks' standing or over, should be declared temporarily unfit until the confinement is over. The candidates should be re-examined for a fitness certificate six weeks after the date of labour, subject to the production of medical certificate of fitness from a registered medical practitioner.

(iii) आपको को निम्नलिखित मूल प्रमाण-पत्र प्रस्तुत करने होंगे।
Production of the following Original Certificates.

1) आयु का प्रमाण–पत्र (मान्यता प्राप्त बोर्ड से जारी 10वीं/मैट्रिक का प्रमाण पत्र)
The Certificate of Age (10^{th} /Matriculation certificate from recognized board)
2) शैक्षिक योग्यताओं के डिग्री/डिप्लोमा प्रमाण–पत्र।
The Degree/Diploma Certificate of educational qualifications.
3) केन्द्रीय/राज्य सरकार के राजपत्रित अधिकारी या वैतनिक गजिस्ट्रेट से चरित्र के दो प्रमाण–पत्र।
Two character certificate from a Gazetted officer of the Central/State Government or Stipendiary Magistrate.
4) सभी तरह से विधिवत रूप से भरा हुआ तीन प्रतियों में संलग्न सत्यापन प्रपत्र जमा करवाना होगा।
Submission of three copies of attestation form in duplicate, duly completed in all respect.
5) यदि आप सरकारी सेवा में संलग्न है तो कार्यमुक्त/त्यागपत्र की स्वीकृति।
Relieving/Acceptance of resignation, if candidates is in Government Sector.
6) वैवाहिक स्थिति की घोषणा संबंधी जानकारी।
A statement of marital status declaration.
7) माता पिता एवं परिवार के अन्य सदस्यों की निर्भरता की घोषणा।
Declaration of dependency of parents and other family members.
8) यदि नियुक्त व्यक्ति द्वारा की गई घोषणा या दी गई जानकारी झूठी साबित पाई जाती है या जानबूझकर कोई महत्वपूर्ण सूचना छिपाई जाती है तो उसे नौकरी से निकाला जा सकता है और सक्षम प्राधिकारी जो उचित

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समझे, अन्य कार्यवाई कर सकते हैं।
If any declaration given or information furnished by the appointee proves to be false or if the appointee is found to have willfully suppressed any material information you will be liable to be removed from service and such other action as the competent authority may deem necessary.

5. यह नियुक्ति सेवा में कार्यग्रहण के समय चरित्र प्रमाण पत्र प्रस्तुत करने के अधीन रहेगी। अभ्यर्थी को संबंधित जिले के पुलिस अधीक्षक से जारी पूर्ववर्ती व सत्यापन रिपोर्ट पेश करनी होगी जहां वह 21 वर्ष की आयु पूर्ण होने के पश्चार्त् पिछले 05 वर्षों के दौरान किसी स्थान पर एक वर्ष से अधिक निवासरत् रहा या रही हो।
The appointment is subject to production of character certificate at the time of reporting for joining duty. The candidates will have to produce antecedents / verification report (Police Verification) issued from the Superintendent of Police of concered District where he / she resided for more than one year at a time during the preceding five years after attaining the age of 21 years.

6. आपको वित्त मंत्रालय, आर्थिक मामलों का विभाग (ई.सी.बी एंव पी.आर. प्रभाग) के दिनांक 22.12.2003 की अधिसूचना संख्या 5/7/2003-ई.सी.बी. एवं पी.आर. में निहित प्रावधानों के तहत नई पेंशन योजना द्वारा विनियमित किया जाएगा।
You will be governed by New Pension Scheme as per the provision contained in the Ministry of Finance, Department of E conomic Affairs (ECB & PR Division), Notification No.5/7/2003 – ECB & PR dated 22.12.2003.

7. सेवा की अन्य शर्तें, जैसे कि अवकाश के लाभ आदि, संस्थान के समय-समय पर यथा संशोधित नियमों के तहत प्रदान किए जाएंगें।
Other conditions of services such as benefits of Leave etc will be as, are provided for in the Rules, Regulations, etc. of the Institute as amended from time to time.

8. आप यह भी नोट करें कि उन्हें संस्थान में समय-समय पर प्रचलित सभी कर्मचारियों पर लागू नियमों, विनियमों, अनुशासन और आचरण का पालन करना होगा।
You should also note that you shall have to conform to the rules, regulations, discipline and conduct prevalent in the Institute on the employee from time to time.

9. कार्यालय अध्यक्ष को यह पूर्ण अधिकार प्राप्त है कि वह किसी अन्य कार्यालय में पदों पर नियुक्ति हेतु उनके आवेदन को अग्रेषित कर या रोक सकते है।
The Head of Office has full discretion to forward or to withhold any of his/her applications for appointment to posts elsewhere.

10. चिकित्सीय जांच या अन्य प्रमाण–पत्रों के प्राप्त करने के लिए या पद पर कार्यभार ग्रहण करने के लिए उन्हें किसी भी तरह का कोई यात्रा या अन्य भत्ता प्रदान नहीं किया जाएगा।
No travelling or other allowance will be paid to him/her for obtaining the medical or other certificates or for joining the post.

11. आप पूरे समय संस्थान के नियंत्रण में होंगे एवं प्राधिकृत अधिकारी द्वारा आपकी सेवाओं का उपयोग आवश्यक किसी भी तरीके से किया जा सकता है जिसके लिए आपको किसी भी प्रकार का पारिश्रमिक देय नहीं होगा।
You will be at the disposal of the Institute on whole time basis and your services may be utilized in any manner required by the Competent Authority of the Institute without claiming any additional remuneration.

12. मौजुदा अनुदेश के अनुसार एक व्यक्ति संस्थान में नियुक्ति के लिए पात्र नहीं होगा यदि उसने पति/पत्नी के जीवित रहने वाले व्यक्ति के साथ विवाह किया है या अनुबंध किया है या किसी पति या पत्नी के जीवित रहते हुए भी किसी अन्य व्यक्ति से विवाह किया है या अनुबंध किया है बशर्ते ऐसा करने के लिए विशेष कारण हो जिससे केन्द्र सरकार यदि संतुष्ट हो तो उक्त नियम के संचालन से किसी भी व्यक्ति को छुट दी जाएगी। उक्त नियुक्ति पत्र उपरोक्त आवश्यकताओं की पूर्ति एवं संस्थान के दिये गये प्रारूप में पदभार ग्रहण करने के समय घोषणापत्र प्रस्तुत

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करने के साथ सशर्त है। यदि आप उक्त नियम में किसी विशेष कारण से छूट प्राप्त करना चाहते है तो ऐसी परिस्थिति में आपको तत्काल अपना अभ्यावेदन प्रस्तुत करना होगा।

In accordance with the existing instruction, a person shall not be eligible for appointment in the Institute if you have entered into or contracted a marriage with a person having a spouse living or who having a spouse living has entered into or contracted marriage with any others person, provided that the Central Government may, if satisfied that there are special reasons for doing so, exempt any person from the operation of this rule. This offer of appointment is therefore, conditional upon satisfying the requirements mentioned above and also furnishing to this Institute a declaration to the effect in the prescribed Proforma at the time of joining. If, however, you desire to be exempted from the operation of this rule for any special reason(s), you should make a representation in this regard immediately.

13. यह नियुक्ति जाति प्रमाण पत्र तथा चरित्र प्रमाण पत्र के सत्यापन की जांच उचित माध्यम द्वारा किए जाने तक अस्थायी है। यदि सत्यापन में यह पाया जाता हैं कि उम्मीदवार का अ.जा./अ.ज.जा./ अ.पि.व./ई.डब्ल्यू.एस से संबधित होने का दावा असत्य है अथवा चरित्र संबंधी कोई त्रुटि पायी जाती है तो ऐसे उम्मीदवारों की सेवा बिना कोई आगे कारण बताए तत्काल समाप्त कर दी जाएगी और असत्य प्रमाण पत्र प्रस्तुत करने के लिए भारतीय दण्ड संहिता के प्रावधानों के तहत आगे कार्रवाई की जाएगी।

The appointment is provisional and is subject to the caste & character certificate being verified through the proper channels. If the verification reveals that the claim of the candidate regarding belonging to SC/ST/OBC/EWS category is found to be false, the services of such candidates will be terminated forthwith without assigning any further reasons and without prejudice to such further action as may be taken under the provisions of the Indian Penal Code for production of false certificate.

14. एम्स गोरखपुर आपकी सेवाएं बिना किसी कारण बताए और बिना परिवीक्षा अवधि के किसी भी नोटिस के बिना और किसी भी समय आपकी सेवाओं की पुष्टि के बाद भी बिना किसी नोटिस के समाप्त करने के लिए उत्तरदायी हैं।
    (i) आपकी ओर से इस पत्र में उल्लिखित शर्त का कोई भी उल्लंघन।
    (ii) आपके द्वारा प्रस्तुत कोई भी गलत जानकारी जैसे एक दिन के लिए भी अपने पिछले रोजगार डेटा में बेमेल, भुगतान पर्ची, फर्जी योग्यता की डिग्री, भविष्य में संबंधित प्राधिकरण से बाद की पुष्टि के दौरान पाया गया नकली अनुभव प्रमाण पत्र।
    (iii) आपके द्वारा किसी भी भौतिक जानकारी का दमन।

    Your services with the AIIMS, Gorakhpur are liable to be terminated under any of these circumstances without assigning any reason and without giving any notice during probation period and at any time even after confirmation of your services with AIIMS, Gorakhpur in the event of
    (i) Any breach of the condition mentioned in this letter on your part.
    (ii) Any false information furnished by you e.g. mismatch in your previous employment data even for a single day, pay slip, fake qualifying degree, fake experience certificate found in the course of subsequent confirmation from the concerned authority in future.
    (iii) Suppression of any material information by you.

15. यदि उपरोक्त शर्तों के साथ आपको नियुक्ति प्रस्ताव स्वीकार्य है तो कृपया ड्यूटी के लिए 30 दिन के भीतर रिपोर्ट करें और यदि निर्धारित तिथि तक अपने पद का कार्यभार ग्रहण नहीं करते हैं तो वे इस प्रस्ताव को रद्द/वापस समझें।
    If the offer is acceptable to you on the aforesaid conditions, you may please report yourself for duty within 30 days and if you do not join the post by the stipulated date; this offer of appointment will stand cancelled/withdrawn.

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Uttar Pradesh – 273008
Email address – aoofficeaiimsgkp@gmail.com

16. उन्हें कार्यभार ग्रहण करने के समय स्वंय द्धारा सत्यापित एक फोटोग्राफ तथा क्रम संख्या 4 (ii) 1) से 7) तक हेतु दिए गए प्रमाण पत्रों की फोटो प्रतियों का एक सैट लाना अपेक्षित हैं।
He/she is required to bring a duly self-attested photograph and a set of photocopies of the documents as given against 4(ii) – 1) to 7), at the time of his/her joining.

The receipt of this letter may be acknowledged.
उक्त पत्र की प्राप्ति के संबंध में अवगत करवाएं।

(भूपेश चंद्रा)
(Bhupesh Chandra)
प्रशासनिक अधिकारी
Administrative Officer

भूपेश चंद्रा
BHUPESH CHANDRA
प्रशासनिक अधिकारी
Administrative Officer
अखिल भारतीय आयुर्विज्ञान संस्थान, गोरखपुर (उ0प्र0) २७३००८
All India Institute of Medical Sciences, Gorakhpur (U.P.) 273008

प्रतिलिपि प्रेषित / Copy forwarded to:-

1. कार्यकारी निदेशिका, एम्स गोरखपुर
   Executive Director AIIMS, Gorakhpur
2. उप– निदेशक(प्रशासन), एम्स गोरखपुर
   Deputy Director (Administration),AIIMS, Gorakhpur
3. उप–चिकित्सा अधीक्षक, एम्स गोरखपुर
   Deputy Medical Superintendent, AIIMS, Gorakhpur
4. लेखा अनुभाग, एम्स गोरखपुर
   The Account Section, Gorakhpur
5. गार्ड फ़ाइल
   The Guard File.

अखिल भारतीय आयुर्विज्ञान संस्थान
ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ऋषिकेश–249203
Rishikesh-249203
Website: www.aiimsrishikesh.edu.in

AIIMSRISH/NORCET-4/175/012 Date: 26.09.2023

Offer of Appointment

Name: Mr/Ms SANDEEP KAUR MANN
Father's Name: Mr RAJINDER SINGH MANN
Roll No.: 4262991

Sub: Offer of appointment in respect of **Mr/Ms SANDEEP KAUR MANN** to post of **Nursing officer (Staff Nurse Grade II)** on Direct Recruitment Basis at All India Institute of Medical Sciences, Rishikesh.

Dear Candidate,

All India Institute of Medical Sciences, Rishikesh offer you an appointment to post of Nursing officer (Staff Nurse Grade II) in Level 7 as per 7th CPC (Rs.44900-142400) and other allowances as admissible to Central Government employees of your status on following terms and conditions:-

1. You will be on probation for a period 2 years from date of joining. Period may be extended at discretion of Competent Authority.
2. During period of probation, you will be temporary employee and will be governed by CCS (Temporary Service) Rules, 1965. Your appointment is liable to be terminated in case of misconduct or if your antecedents are reported to be unsatisfactory at any stage.
3. **Your appointment may be terminated at any time with one month notice by either side, viz, appointee or appointing authority without assigning any reason whatsoever. It will be open to Institute to pay, in lieu of notice salary for period by which notice falls short. Similarly, if he wishes to resign his post, he may do so by depositing with Institute pay and allowances in lieu of notice period.**
4. Your appointment will be provisional and is subject to receipt of satisfactory police verification report on character and antecedents from district administration.
5. Appointment will be further subject to compliance of following pre-requisite on part of appointee:-

   i) Production of following certificates, in original, in proof of his academic qualification and age.
      a) Good character certificate from Gazetted officers / Principal Nurse / Employer.
      b) SC/ST/OBC/Caste certificate, if applicable.
      c) Residence proof issued by Block/Sub- Division/ District Officers of your Permanent Residence.
      d) Notarized Affidavit on a non-judicial stamp paper of Rs. 10/- as per Annexure A
      e) All Original Documents.

   ii) Medical examination as per policy of institute.

6. It should be noted that the appointment is provisional and is subject to verification of the SC/ST/OBC/EWS/PH (including the claim not to belong to creamy layer in the case of OBC) is found to be false, service will be terminated forthwith without assigning any reason and without prejudice to such further action that may be taken under the Indian Penal Code for production of false certificate. You should also intimate the change, if any, of your religion after appointment, immediately to the Appointing/Administrative Authorities concerned.
7. On joining the post, the Officer will be required to take an Oath of Allegiance to the Constitution of India and make a solemn affirmation to that effect.
8. If the Officer is already employed, she/he should produce the relieving order from her/his present employer.

9. The Officer may also note that under the extant rules of Government of India, no person-

    a. Who has entered into or contracted a marriage with a person having a spouse living; or
    b. Who, having a spouse living, has entered into or contracted a marriage with any person,

    shall be eligible for appointment to service.
10. It may be noted that the Officer will have to undergo training, if required, as per prescribed training programme, which will be intimated after joining. Failure to undergo training may render the Officer liable for extension of probation period.
11. You will be governed by Central Civil Services (Conduct) Rules 1964 and Central Civil Services Classification Control and Appeal Rules, 1965 as amended from time to time and as per provision of AIIMS Act.
12. Other conditions of service will be as provided under Rules, Bye laws and Regulations of Institute.
13. If found ineligible at any stage offer of appointment will be treated as withdrawn and your appointment shall stand terminated with immediate effect.
14. Please note that you will be required to conform to Rules, Bye laws, Regulations, discipline and Code of Conduct prevailing in this Institute for its employees from time to time.
15. You are advised to apply for allotment of Institute's accommodation within a period of fortnight of your joining in this Institute. However, it will be allotted as per policy of this Institute and subject to availability.
16. You will be at disposal of Institute on whole time basis and your services may be utilized in any manner, anywhere in India required by Competent Authority of Institute without claiming any additional remuneration.
17. If any of declarations made or information furnished by you are proved to be false or if you are found to have wilfully suppressed any material information you will be liable for removal from Institute 's services besides any other action what Institute may deem necessary.
18. No travelling or other allowances will be payable to you for obtaining medical or other certificate or for joining post at institute.
19. You will be governed by Pension Scheme as applicable by Rules and Regulations of Institute.
20. If offer is acceptable to you on aforesaid conditions, you may please communicate your acceptance to Administrative Officer of institute at following address: All India Institute of Medical Sciences, Rishikesh, Virbhadra Marg, Rishikesh-249203(Uttarakhand) job@aiimsrishikesh.edu.in immediately and also to report yourself for duty as early as possible, but not later than **25.10.2023** In case you do not join post by stipulated date, this offer of appointment will be treated as cancelled/withdrawn.
21. Notwithstanding anything contained in this offer letter, you undertake to work with this institute for a minimum period of 2 (two) years against your appointment. Non completion of stipulated term due to any reason will make you liable to pay a sum of Rs. 2 (Two) lakhs as liquidated damages. However, the sum of liquidated damage may be waived off (either in full or in part) by Director of institute on exceptional humanitarian ground on case to case basis.
22. Please acknowledge receipt of this letter.

20/9/2023

Registrar
AIIMS, Rishikesh

Copy forwarded to:

1. DDA/MS/FA/NS/AO, AIIMS, Rishikesh.
2. PS to Director
3. Guard File
4. Personal File

अखिल भारतीय आयुर्विज्ञान संस्थान , बिलासपुर
हिमाचल प्रदेश -१७४०३७
All India Institute of Medical Sciences, Bilaspur
Himachal Pradesh-174037
https://aiimsbilaspur.edu.in
e-mail - establishment-b2 @aiimsbilaspur.edu.in
01978-292575

AIIMS-BLS(B-II)(04)/23-4289 Dated : 03-04-2023

To

KANU PRIYA THAKUR, (RANK- 2079),
TENZIN THAKUR,
R/o V.P.O.- SARAHAN, TEH.- RAMPUR, DISTT.- SHIMLA, SARAHAN BSR, HIMACHAL PRADESH-172102.
pankajverma1522@gmail.com, Ph. No.- 7018731993.

Subject:- **Offer of appointment to the post of Nursing Officer(Group-B) in pay level 7 of pay matrix (Rs. 44,900-1,42,400) in All India Institute of Medical Sciences, Bilaspur Himachal Pradesh.**

Consequent upon qualifying NORCET-2022 conducted by AIIMS-Delhi and as per approval of the competent authority of the Institute, I take the privilege to inform you that you are hereby offered the post as mentioned in the subject on the following terms and conditions:-

1. The pay scale applicable for the said post will in Pay Matrix (Level-07) plus usual allowances as sanctioned from time to time for the same category of Central Government employees stationed at Bilaspur, Himachal Pradesh as per recommendations of the 7th CPC.

2. Your appointment will be temporary and you will be on probation for a period of two years. Your appointment during the probation period can be terminated at any time with one month's notice by either side viz., the appointing authority, or the appointee, without assigning any reason whatsoever. It will be open to the Institute to pay, in lieu of notice, for the period by which the notice falls short of one month. Similarly, if you wish to resign, you may do so by depositing your salary & allowances with the Institute in lieu of the notice in respect of the period by which it falls short of one month and taking permission for the curtailment of notice period. The period of probation can be extended at the discretion of the Competent Authority. During the period of probation, you will be required to undergo Induction Training and also to undertake such other training courses and departmental tests as the Institute may prescribe. At the end of the training, your performance will be evaluated through written examination and successful completion of the training will be mandatory for completion of the probation and subsequent confirmation. Failure to complete the period of probation to the satisfaction of the Institute or failure to pass the prescribed test(s) will render you liable to be discharged from service.

3. If you are already in service of Central Government/State Government/ PSU/ Autonomous Body etc., you are required to submit formal Relieving Order by

4. Excellence in Competitive Examination

CENTRAL BOARD OF SECONDARY EDUCATION, DELHI

Central Teacher Eligibility Test (CTET) - JANUARY 2021

Eligibility Certificate

This is to certify that

Name	EKTA CHAUHAN
Roll No.	120011302
Category	GEN
Mother's Name	BABITA CHAUHAN
Father's/Husband's Name	BRIJMOHAN CHAUHAN

appeared at Central Teacher Eligibility Test conducted by Central Board of Secondary Education, Delhi and performed as under:-

Paper-I (For Classes I-V) Primary Stage			Paper-II (For Classes VI-VIII) Elementary Stage		
Subject	Maximum Marks	Marks Obtained	Subject	Maximum Marks	Marks Obtained
Child Development and Pedagogy	30	29	Child Development and Pedagogy	30	29
Mathematics	30	26	Mathematics & Science (Maths : 25 & Science : 19)	60	44
Environmental Studies	30	26			
Language-I English	30	17	Language-I English	30	19
Language-II Hindi	30	24	Language-II Hindi	30	22
Total Marks	150	122	Total Marks	150	114
Result	**QUALIFIED**		Result	**QUALIFIED**	
Examination held on :	**31-01-2021**		Result declared on :	**26-02-2021**	

DELHI

DATE : 26-02-2021

DigiLocker Verified

Digitally signed by:
Authorized Signatory
Central Board of Secondary Education
Date: 23/02/2022 20:39:35 IST

NOTE: *Marks obtained is applicable only for recruitment of teachers in Kendriya Vidyalaya Sangathan and Directorate of Education, Govt. of NCT of Delhi as per their notification giving 5% relaxation in case of candidates covered under reservation policy.

INSTRUCTIONS

1. This certificate is generated by DigiLocker (https://digilocker.gov.in) directly from CBSE's database.
2. To verify this certificate, download DigiLocker Android application from Google Play and scan the QR code on the certificate.
3. This digitally signed document is legally valid as per the IT Act 2000 when used electronically.
4. The Validity Period of TET qualifying certificate for appointment, unless otherwise notified by the appropriate Government, would remain valid for life. (refer Public Notice dated 21/06/2021 available on CTET website https://ctet.nic.in).
5. Qualifying the CTET would not confer a right on any person for recruitment/appointment; it is only one of the eligibility criteria of appointment.
6. The eligibility of the candidates has not been verified by the Board. The particulars of the candidate and the subject offered by him/her are as per the declaration in the Application Form of CTET. The Appointing Authority may verify the same before appointment.
7. (i)The CTET shall apply to schools of the Central Government (KVS, NVS, Central Tibetan Schools, etc.) and Schools under the administrative control of UT's of Chandigarh, Dadra & Nagar Haveli, Daman & Diu and Andaman & Nicobar Islands and NCT of Delhi.
   (ii)CTET may also apply to the unaided private Schools, who may exercise the option of considering the CTET.
   (iii)A State Government can also consider the CTET if it decides not to conduct the State TET.

CENTRAL BOARD OF SECONDARY EDUCATION, DELHI

Central Teacher Eligibility Test (CTET) - JANUARY 2021

Eligibility Certificate

This is to certify that

Name	SUMITA RANI
Roll No.	120014712
Category	GEN
Mother's Name	SUNITA RANI
Father's/Husband's Name	SURESH KUMAR

appeared at Central Teacher Eligibility Test conducted by Central Board of Secondary Education, Delhi and performed as under:

Paper-I (For Classes I-V) Primary Stage			Paper-II (For Classes VI-VIII) Elementary Stage		
Subject	Maximum Marks	Marks Obtained	Subject	Maximum Marks	Marks Obtained
Child Development and Pedagogy	30	26	Child Development and Pedagogy	30	25
Mathematics	30	07	Social Science	60	19
Environmental Studies	30	18			
Language-I English	30	19	Language-I English	30	18
Language-II Punjabi	30	20	Language-II Punjabi	30	22
Total Marks	150	090	Total Marks	150	84
Result	QUALIFIED		Result	NOT QUALIFIED	
Examination held on :	31-01-2021		Result declared on	26-02-2021	

DELHI

DATE : 26-02-2021

DigiLocker Verified

Digitally signed by
Authorized Signatory
Central Board of Secondary Education
Date: 12/03/2021 21:38:23 IST

NOTE: Marks obtained is applicable only for recruitment of teachers in Kendriya Vidyalaya Sangathan and Directorate of Education, Govt. of NCT of Delhi as per their notification giving 5% relaxation in case of candidates covered under reservation policy.

INSTRUCTIONS

1. This certificate is generated by DigiLocker (https://digilocker.gov.in) directly from CBSE's database.
2. To verify this certificate, download DigiLocker Android application from Google Play and scan the QR code on the certificate.
3. This digitally signed document is legally valid as per the IT Act 2000 when used electronically.
4. The validity period of CTET qualifying certificate for all categories will be seven years from the date of declaration of result.
5. Qualifying the CTET would not confer a right on any person for recruitment/appointment; it is only one of the eligibility criteria of appointment.
6. The eligibility of the candidates has not been verified by the Board. The particulars of the candidate and the subject(s) offered by him/her are as per the declaration in the Application Form of CTET. The Appointing Authority may verify the same before appointment.
7. (i)The CTET shall apply to schools of the Central Government (KVS, NVS, Central Tibetan Schools, etc.) and Schools under the administrative control of UT's of Chandigarh, Dadra & Nagar Haveli, Daman & Diu and Andaman & Nicobar Islands and NCT of Delhi.
   (ii)CTET may also apply to the unaided private Schools, who may exercise the option of considering the CTET.
   (iii)A State Government can also consider the CTET if it decides not to conduct the State TET.

CENTRAL BOARD OF SECONDARY EDUCATION, DELHI

Central Teacher Eligibility Test (CTET) - JANUARY 2021

Eligibility Certificate

This is to certify that

Name	GURPREET KAUR
Roll No.	167004605
Category	OBC
Mother's Name	RAJWANT KAUR
Father's/Husband's Name	BALBIR SINGH

appeared at Central Teacher Eligibility Test conducted by Central Board of Secondary Education, Delhi and performed as under:-

Paper-I (For Classes I-V) Primary Stage			Paper-II (For Classes VI-VIII) Elementary Stage		
Subject	Maximum Marks	Marks Obtained	Subject	Maximum Marks	Marks Obtained
Child Development and Pedagogy	30	23	Child Development and Pedagogy	30	23
Mathematics	30	15	Social Science	60	26
Environmental Studies	30	19			
Language-I English	30	19	Language-I English	30	13
Language-II Punjabi	30	18	Language-II Punjabi	30	22
Total Marks	150	094	Total Marks	150	084*
Result	QUALIFIED		Result	QUALIFIED	
Examination held on :	31-01-2021		Result declared on :	26-02-2021	

DELHI

DATE : 26-02-2021

DigiLocker Verified

Digitally signed by:
Authorized Signatory
Central Board of Secondary Education
Date: 10/03/2021 21:27:33 IST

NOTE: *Marks obtained is applicable only for recruitment of teachers in Kendriya Vidyalaya Sangathan and Directorate of Education, Govt. of NCT of Delhi as per their notification giving 5% relaxation in case of candidates covered under reservation policy.

INSTRUCTIONS

1. This certificate is generated by DigiLocker (https://digilocker.gov.in) directly from CBSE's database.
2. To verify this certificate, download DigiLocker Android application from Google Play and scan the QR code on the certificate.
3. This digitally signed document is legally valid as per the IT Act 2000 when used electronically.
4. The validity period of CTET qualifying certificate for all categories will be seven years from the date of declaration of result.
5. Qualifying the CTET would not confer a right on any person for recruitment/appointment; it is only one of the eligibility criteria of appointment.
6. The eligibility of the candidates has not been verified by the Board. The particulars of the candidate and the subject offered by him/her are as per the declaration in the Application Form of CTET. The Appointing Authority may verify the same before appointment.
7. (i) The CTET shall apply to schools of the Central Government (KVS, NVS, Central Tibetan Schools, etc.) and Schools under the administrative control of UT's of Chandigarh, Dadra & Nagar Haveli, Daman & Diu and Andaman & Nicobar Islands and NCT of Delhi.
   (ii) CTET may also apply to the unaided private Schools, who may exercise the option of considering the CTET.
   (iii) A State Government can also consider the CTET if it decides not to conduct the State TET.

CENTRAL BOARD OF SECONDARY EDUCATION, DELHI

MARKS STATEMEN

Central Teacher Eligibility Test (CTET) - JANUARY 2021

Serial No.	J211670510555	Roll No.	167004864
Candidate's Name	CHARANJIT KAUR		
Mother's Name	PARAMJIT KAUR		
Father's/Husband's Name	TAHIL SINGH		
Gender	Female		
Date of Birth	17/04/1994		
Category	SC		
If Differently Abled	No		

Signature of the Candidate

Paper-I (For Classes I-V) Primary Stage			Paper-II (For Classes VI-VIII) Elementary Stage		
Subject	Maximum Marks	Marks Obtained	Subject	Maximum Marks	Marks Obtained
Child Development and Pedagogy	30	25	Child Development and Pedagogy	30	23
Mathematics	30	10	Social Science	60	20
Environmental Studies	30	17			
Language-I Punjabi	30	18	Language-I Punjabi	30	22
Language-II English	30	16	Language-II English	30	13
Total Marks	150	086	Total Marks	150	078

DELHI

DATE : 26-02-2021

DigiLocker Verified

Digitally signed by:
Authorized Signatory
Central Board of Secondary Education
Date: 23/03/2022 17:28:04 IST

Applicable only for recruitment of teachers in Kendriya Vidyalaya Sangathan and Directorate of Education, Govt. of NCT of Delhi.

INSTRUCTIONS

1. This mark sheet is generated by DigiLocker (https://digilocker.gov.in) directly from CBSE's database.
2. To verify this mark sheet, download DigiLocker Android application from Google Play and scan the QR code on the mark sheet.
3. This digitally signed document is legally valid as per the IT Act 2000 when used electronically.
4. The Validity Period of TET qualifying certificate for appointment, unless otherwise notified by the appropriate Government, would remain valid for life. (refer Public Notice dated 21/06/2021 available on CTET website https://ctet.nic.in)
5. Candidates securing 60% and above marks will be considered as CTET qualified. School managements (Government, Local Bodies, Government aided and un-aided) may consider giving concessions to persons belonging to SC/ST, OBC, Differently Abled etc. categories in accordance with their extant reservation policy.
6. Qualifying the CTET would not confer a right on any person for recruitment/appointment as it is only one of the eligibility criteria for appointmen
7. The marks statement is issued provisionally to the candidates as per the information provided by him/her. The eligibility of the candidate has no been verified by the Board. The eligibility shall be finally verified by the concerned recruiting agency/appointing authority.
8. Furnishing of false, wrong or inaccurate information by the candidate may lead to cancellation of the CTET result.
9. There is no restriction on the number of attempts a person can take for acquiring a CTET Certificate.

CENTRAL BOARD OF SECONDARY EDUCATION, DELHI

Central Teacher Eligibility Test (CTET) - DECEMBER 2018

Eligibility Certificate

This is to certify that:

Name	HARJINDER KAUR
Roll No.	57020927
Category	GEN
Mother's Name	SATIBIR KAUR
Father's/Husband's Name	SUKHDEV SINGH

appeared at Central Teacher Eligibility Test conducted by Central Board of Secondary Education, Delhi and performed as under:-

Paper-I (For Classes I-V) Primary Stage			Paper-II (For Classes VI-VIII) Elementary Stage		
Subject	Maximum Marks	Marks Obtained	Subject	Maximum Marks	Marks Obtained
Child Development and Pedagogy	30	24	Child Development and Pedagogy	30	13
Mathematics	30	17	Mathematics & Science (Maths : 24 & Science : 17)	60	41
Environmental Studies	30	21			
Language-I English	30	16	Language-I English	30	16
Language-II Punjabi	30	26	Language-II Punjabi	30	20
Total Marks	150	104	Total Marks	150	090
Result	QUALIFIED		Result	QUALIFIED	
Examination held on :	09-12-2018		Result declared on :	04-01-2019	

DELHI

DATE : 04-01-2019

DigiLocker Verified

Digitally signed by
Authorized Signatory
Central Board of Secondary Education
Date: 17/04/2019 21:24:20 IST

NOTE: Marks obtained is applicable only for recruitment of teachers in Kendriya Vidyalaya Sangathan and Directorate of Education, Govt. of NCT of Delhi as per their notification giving 5% relaxation in case of candidates covered under reservation policy.

INSTRUCTIONS

1. This certificate is generated by DigiLocker (https://digilocker.gov.in) directly from CBSE's database.
2. To verify this certificate, download DigiLocker Android application from Google Play and scan the QR code on the certificate.
3. This digitally signed document is legally valid as per the IT Act 2000 when used electronically.
4. The validity period of CTET qualifying certificate for all categories will be seven years from the date of declaration of result.
5. Qualifying the CTET would not confer a right on any person for recruitment/appointment; it is only one of the eligibility criteria of appointment.
6. The eligibility of the candidates has not been verified by the Board. The particulars of the candidate and the subject offered by him/her are as per the declaration in the Application Form of CTET. The Appointing Authority may verify the same before appointment.
7. (i)The CTET shall apply to schools of the Central Government (KVS, NVS, Central Tibetan Schools, etc.) and Schools under the administrative control of UT's of Chandigarh, Dadra & Nagar Haveli, Daman & Diu and Andaman & Nicobar Islands and NCT of Delhi.
   (ii)CTET may also apply to the unaided private Schools, who may exercise the option of considering the CTET.
   (iii)A State Government can also consider the CTET if it decides not to conduct the State TET.

BS/6BCD05

CENTRAL BOARD OF SECONDARY EDUCATION, DELHI

Central Teacher Eligibility Test (CTET) - DECEMBER 2018

Eligibility Certificate

This is to certify that

Name	SATWINDER KAUR
Roll No.	08018815
Category	SC
Mother's Name	GURPREET KAUR
Father's/Husband's Name	PARGAT SINGH

appeared at Central Teacher Eligibility Test conducted by Central Board of Secondary Education, Delhi and performed as under:-

Paper-I (For Classes I-V) Primary Stage			Paper-II (For Classes VI-VIII) Elementary Stage		
Subject	Maximum Marks	Marks Obtained	Subject	Maximum Marks	Marks Obtained
Child Development and Pedagogy	30	27	Child Development and Pedagogy	30	20
Mathematics	30	20	Social Science	60	41
Environmental Studies	30	17			
Language-I English	30	18	Language-I English	30	15
Language-II Punjabi	30	25	Language-II Punjabi	30	23
Total Marks	150	107	Total Marks	150	099
Result	QUALIFIED		Result	QUALIFIED	
Examination held on :	09-12-2018		Result declared on :	04-01-2019	

DELHI

DATE : 04-01-2019

DigiLocker Verified

Digitally signed by:
Authorized Signatory
Central Board of Secondary Education
Date: 07/02/2019 15:23:20 IST

NOTE: Marks obtained is applicable only for recruitment of teachers in Kendriya Vidyalaya Sangathan and Directorate of Education, Govt. of NCT of Delhi as per their notification giving 5% relaxation in case of candidates covered under reservation policy.

INSTRUCTIONS

1. This certificate is generated by DigiLocker (https://digilocker.gov.in) directly from CBSE's database.
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5. Qualifying the CTET would not confer a right on any person for recruitment/appointment; it is only one of the eligibility criteria of appointment.
6. The eligibility of the candidates has not been verified by the Board. The particulars of the candidate and the subject offered by him/her are as per the declaration in the Application Form of CTET. The Appointing Authority may verify the same before appointment.
7. (i)The CTET shall apply to schools of the Central Government (KVS, NVS, Central Tibetan Schools, etc.) and Schools under the administrative control of UT's of Chandigarh, Dadra & Nagar Haveli, Daman & Diu and Andaman & Nicobar Islands and NCT of Delhi.
   (ii)CTET may also apply to the unaided private Schools, who may exercise the option of considering the CTET.
   (iii)A State Government can also consider the CTET if it decides not to conduct the State TET.

CENTRAL BOARD OF SECONDARY EDUCATION, DELHI

Central Teacher Eligibility Test (CTET) - JULY 2019

Eligibility Certificate

This is to certify that

Name	MANDEEP KAUR
Roll No	108010104
Category	SC
Mother's Name	CHARANJEET KAUR
Father's/Husband's Name	SADHU SINGH

appeared at Central Teacher Eligibility Test conducted by Central Board of Secondary Education, Delhi and performed as under :-

Paper-I (For Classes I-V) Primary Stage			Paper-II (For Classes VI-VIII) Elementary Stage		
Subject	Maximum Marks	Marks Obtained	Subject	Maximum Marks	Marks Obtaine
Child Development and Pedagogy	30	NA	Child Development and Pedagogy	30	25
Mathematics	30	NA	Social Science	60	25
Environmental Studies	30	NA			
Language-I	30	NA	Language-I English	30	16
Language-II	30	NA	Language-II Punjabi	30	24
Total Marks	150	NA	Total Marks	150	090
Result	NOT APPLICABLE		Result	QUALIFIED	
Examination held on :	07-07-2019		Result declared on :	30-07-2019	

DELHI

DATE : 30-07-2019

DigiLocker Verified

Digitally signed by:
Authorized Signatory
Central Board of Secondary Education
Date: 22/10/2020 13:49:33 IST

NOTE: Marks obtained is applicable only for recruitment of teachers in Kendriya Vidyalaya Sangathan and Directorate of Education, Govt. of NCT o Delhi as per their notification giving 5% relaxation in case of candidates covered under reservation policy.

INSTRUCTIONS

1. This certificate is generated by DigiLocker (https://digilocker.gov.in) directly from CBSE's database.
2. To verify this certificate, download DigiLocker Android application from Google Play and scan the QR code on the certificate.
3. This digitally signed document is legally valid as per the IT Act 2000 when used electronically.
4. The validity period of CTET qualifying certificate for all categories will be seven years from the date of declaration of result.
5. Qualifying the CTET would not confer a right on any person for recruitment/appointment; it is only one of the eligibility criteria of appointment.
6. The eligibility of the candidates has not been verified by the Board. The particulars of the candidate and the subject offered by him/her are as per the declaration in the Application Form of CTET. The Appointing Authority may verify the same before appointment.
7. (i) The CTET shall apply to schools of the Central Government (KVS, NVS, Central Tibetan Schools, etc.) and Schools under the administrativ control of UT's of Chandigarh, Dadra & Nagar Haveli, Daman & Diu and Andaman & Nicobar Islands and NCT of Delhi.
   (ii) CTET may also apply to the unaided private Schools, who may exercise the option of considering the CTET.
   (iii) A State Government can also consider the CTET if it decides not to conduct the State TET.

CENTRAL BOARD OF SECONDARY EDUCATION, DELHI

Central Teacher Eligibility Test (CTET) - DECEMBER 2019

Eligibility Certificate

This is to certify that

Name	DAISY
Roll No	169005935
Category	OBC
Mother's Name	ASHA RANI
Father's/Husband's Name	MANOHAR LAL

appeared at Central Teacher Eligibility Test conducted by Central Board of Secondary Education, Delhi and performed as under :-

Paper-I (For Classes I-V) Primary Stage			Paper-II (For Classes VI-VIII) Elementary Stage		
Subject	Maximum Marks	Marks Obtained	Subject	Maximum Marks	Marks Obtained
Child Development and Pedagogy	30	NA	Child Development and Pedagogy	30	25
Mathematics	30	NA	Social Science	60	30
Environmental Studies	30	NA			
Language-I	30	NA	Language-I Hindi	30	23
Language-II	30	NA	Language-II Punjabi	30	24
Total Marks	150	NA	Total Marks	150	102
Result	NOT APPLICABLE		Result	QUALIFIED	
Examination held on :	08-12-2019		Result declared on :	27-12-2019	

DELHI

DATE : 27-12-2019

DigiLocker Verified

Digitally signed by:
Authorized Signatory
Central Board of Secondary Education
Date: 26/09/2020 09:02:56 IST

NOTE: Marks obtained is applicable only for recruitment of teachers in Kendriya Vidyalaya Sangathan and Directorate of Education, Govt. of NCT of Delhi as per their notification giving 5% relaxation in case of candidates covered under reservation policy.

INSTRUCTIONS

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6. The eligibility of the candidates has not been verified by the Board. The particulars of the candidate and the subject offered by him/her are as per the declaration in the Application Form of CTET. The Appointing Authority may verify the same before appointment.
7. (i)The CTET shall apply to schools of the Central Government (KVS, NVS, Central Tibetan Schools, etc.) and Schools under the administrative control of UTs of Chandigarh, Dadra & Nagar Haveli, Daman & Diu and Andaman & Nicobar Islands and NCT of Delhi.
   (ii)CTET may also apply to the unaided private Schools, who may exercise the option of considering the CTET.
   (iii)A State Government can also consider the CTET if it decides not to conduct the State TET.

Serial No. TGT-011029
Identity Type. AADHAR CARD
Identity No. 781549128607

Registration No. 1001074970
Roll No. 2002103

हरियाणा विद्यालय शिक्षा बोर्ड
Board of School Education Haryana

(AN ISO 9001 : 2015 CERTIFIED ORGANIZATION)

HARYANA TEACHER ELIGIBILITY TEST (HTET)

Level - 2 Trained Graduate Teacher (TGT)

This is to certify that	EKTA CHAUHAN
Father's Name	BRIJMOHAN CHAUHAN
Mother's Name	BABITA CHAUHAN
Category	GENERAL
Resident of	DISTRICT . AMBALA
Date of Birth	14 Sep 1996
Subject Specific as opted	MATHEMATICS

appeared in Haryana Teacher Eligibility Test for Trained Graduate Teacher's held on January 03, 2021 and performed as follow :-

Subject	Maximum Marks	Marks Obtained
Child Development & Pedagogy	030	18
Languages **(Hindi & English)**	030	18
General Studies	030	19
Subject MATHEMATICS	060	39
Total Marks	150	94
Result : QUALIFIED		

This certificate is valid upto January 31, 2028

BHIWANI

DATED January 21, 2021

Rajiv Prashad

SECRETARY

Qualifying the HTET would not confer a right on any person for recruitment/employment as it is only one of the eligibility conditions for appointment and the Candidate will have to fulfil other additional qualifications/conditions as prescribed in the relevant Service Rules while applying for the said post.

Serial No. J-2180705

21-800112

Himachal Pradesh Board of School Education, Dharamshala

TEACHER ELIGIBILITY TEST - JUNE 2021
TRAINED GRADUATE TEACHER (ARTS)

This is to certify that POOJA SHARMA

Son/Daughter of Shri/Smt. RAMESH SHARMA belonging to OBC Category

has passed Himachal Pradesh Teacher Eligibility Test - June 2021 for TGT (ARTS). He/She

has secured 97 out of 150 Marks.

POOJA SHARMA
S/D/O: RAMESH SHARMA
VILLAGE DETWAR POST OFFICE KANDO
BHATNOL, TEHSIL SHILLAI DISTRICT SIRMOUR HP
-173027
MOBILE NO.: 7018453307

SECRETARY

NOTE:
1. This certificate shall be valid for 7 years from the date of issue.
2. The candidate has been allowed to appear in this test solely on the information provided and declaration signed by him/her in his/her Application Form.
3. The appointing authority should ensure proper verification of the category and credentials of the candidate before issuing offer of appointment to him/her.

DATE : 09-08-2021

IELTS™

Test Report Form

GENERAL TRAINING

NOTE *Admission to undergraduate and post graduate courses should be based on the ACADEMIC Reading and Writing Modules. GENERAL TRAINING Reading and Writing Modules are **not** designed to test the full range of language skills required for academic purposes. It is recommended that the candidate's language ability as indicated in this Test Report Form be re-assessed **after two years** from the date of the test.*

Centre Number	IN855	Date	06/FEB/2021	Candidate Number	214269

Candidate Details

Family Name	-
First Name	PALWINDER KAUR
Candidate ID	U7366393

Date of Birth	10/10/1985	Sex (M/F)	F	Scheme Code	Private Candidate
Country or Region of Origin					
Country of Nationality	INDIA				
First Language	PUNJABI				

Test Results

Listening	8.5	Reading	7.0	Writing	7.0	Speaking	7.0	Overall Band Score	7.5	CEFR Level	C1

Administrator Comments

Centre stamp

idp IELTS TEST CENTRES IN855

Validation stamp

CAMBRIDGE ENGLISH BRITISH COUNCIL IELTS VALIDATION STAMP

Administrator's Signature

Date 19/02/2021

Test Report Form Number 20IN214269TP855G

The validity of this IELTS Test Report Form can be verified online by recognising organisations at http://ielts.ucles.org.uk

IELTS™

Test Report Form

ACADEMIC

NOTE *Admission to undergraduate and post graduate courses should be based on the ACADEMIC Reading and Writing Modules. GENERAL TRAINING Reading and Writing Modules are **not** designed to test the full range of language skills required for academic purposes. It is recommended that the candidate's language ability as indicated in this Test Report Form be re-assessed **after two years** from the date of the test.*

Centre Number	IN855	Date	24/JUL/2021	Candidate Number	099534

Candidate Details

Family Name	-
First Name	NANCY
Candidate ID	U8942392

Date of Birth	14/06/2002	Sex (M/F)	F	Scheme Code	Private Candidate

Country or Region of Origin	
Country of Nationality	INDIA
First Language	HINDI

Test Results

Listening	8.5	Reading	8.0	Writing	7.0	Speaking	7.0	Overall Band Score	7.5	CEFR Level	C1

Administrator Comments

Centre stamp

idp IELTS TEST CENTRES IN855

Validation stamp

VALIDATION STAMP IELTS

Administrator's Signature

Date 06/08/2021

Test Report Form Number 21IN099534TN855A

University Roll No:- BS19BSPSY006

The validity of this IELTS Test Report Form can be verified online by recognising organisations at http://ielts.ucles.org.uk

5. Coaching Classes for advanced learners

Coaching Classes for EU Students

This is for the information for all that the University has established coaching center within the campus for those aspiring to appear for UGC NET/ CSIR/Others examination, For UPSC and other screening exams for Government Jobs and IELTS for those aspiring to go abroad

The selected eminent faculty members of various departments will take the classes of coaching.

KINDLY CONTACT

Prof S Gill, CS Department for IELTS activities.

For other activities kindly contact Prof Anil Kumar

Upcoming Activity:

- NET classes for Mathematical Sciences will be start from Sept. 10, 2022 (Saturday)

Coordinator:

Dr. Anil Kumar Gupta

Mob.No.9340948649

Email Address:- anilkumargupta@eternaluniversity.edu.in

Date: 16/09/2022

Coaching Classes for EU Students

Schedule of October-2022

Sr.No.	Date & Time	Topic	Expert Name
*Lec-04	01/10/22 & 10:00 AM onwards	Partial Differential Equations and its various aspects	Dr. Neeraj Kumar Tripathi Assistant Professor Department of Applied Sciences and Humanities, National Institute of Advanced Manufacturing Technology, Ranchi JH
*Lec-05	08/10/22 & 10:00 AM onwards	Polynomials and its splitting field	Dr. Pankaj Pandey Assistant Professor Department of Mathematics, Lovely Professional University Phagwara PB

Venue- Lecture Hall-307

*** Lecture will be delivered online mode.**

Coordinator:

Dr. Anil Kumar Gupta

Mob.No.9340948649

Email Address:-anilkumargupta@eternaluniversity.edu.in

Lecture to motivate UG Agriculture students for PG Admission Test

On **19th April**, **2022** Prof. S.K. Chauhan (Dean, ACECM) talked with the students of B. Com (Hons.) 2nd and 3rd year regarding the NEAT Exam.

6. Research Publications

Current Research in Food Science 4 (2021) 917–925

Contents lists available at ScienceDirect

Current Research in Food Science

journal homepage: www.sciencedirect.com/journal/current-research-in-food-science

Effect of soaking and germination treatments on nutritional, anti-nutritional, and bioactive properties of amaranth (*Amaranthus hypochondriacus* L.), quinoa (*Chenopodium quinoa* L.), and buckwheat (*Fagopyrum esculentum* L.)

Priyanka Thakur [a], Krishan Kumar [a,*], Naseer Ahmed [a], Divya Chauhan [a], Qurat Ul Eain Hyder Rizvi [a], Sumaira Jan [a], Tajendra Pal Singh [a], Harcharan Singh Dhaliwal [b]

[a] Department of Food Technology, Dr. Khem Singh Gill Akal College of Agriculture, Eternal University, Baru Sahib, Sirmour, HP, 173101, India
[b] Department of Biotechnology, Dr. Khem Singh Gill Akal College of Agriculture, Eternal University, Baru Sahib, Sirmour, HP, 173101, India

ARTICLE INFO

Keywords:
Pseudocereals
Germination
Soaking
Anti-nutrients
Antioxidant activity
Phenolic components

ABSTRACT

Pseudocereals have attracted the attention of nutritionists and food technologists due to their high nutritional value. In addition to their richness in nutritional and bioactive components, these are deficient in gluten and can serve as valuable food for persons suffering from gluten allergies. Processing treatments are considered an effective way to enhance the quality of food grains. Soaking and germination are traditional and most effective treatments for enhancing the nutritional and bioactive potential as well as reducing the anti-nutritional components in food grains. This study reflects the effect of soaking and germination treatments on nutritional, bioactive, and anti-nutritional characteristics of pseudocereals. There was a significant ($p \leq 0.05$) increase in nutritional and bioactive components such as crude fiber, crude protein, phenolic components, antioxidant activity, and mineral content but reduced the anti-nutrients such as tannin and phytic acid. In amaranth, there was a significant increase ($p \leq 0.05$) of 7.01, 74.67, 126.62, and 87.47% in crude protein, crude fiber, phenolic content, and antioxidant activity but significant ($p \leq 0.05$) reduction of 32.30% and 29.57% in tannin and phytic acid contents, respectively. Similar changes in values of crude proteins, crude fiber, phenolic content, and antioxidant activity were observed in buckwheat and quinoa. While the anti-nutritional components such as tannin and phytic acid decreased by 59.91 and 17.42%, in buckwheat and 27.08% and 47.57%, in quinoa, respectively. Therefore, soaking and germination proved to be excellent techniques to minimize the anti-nutritional component and enhance the nutritional, bioactive, and antioxidant potential of these underutilized grains.

1. Introduction

Pseudocereals are dicotyledonous gluten-free grains and are considered as a substitute to true cereals. Amaranth (*Amaranthus hypochondriacus;* family Amaranthaceae), buckwheat (*Fagopyrum esculentum*; family Polygonaceae), and quinoa (*Chenopodium quinoa* sub sp. quinoa; family Chenopodiaceae) are well-known pseudocereals used expansively worldwide. Due to their high starch content, pseudocereals can be used like other cereals for the preparation of value-added food products (Li and Zhang, 2001; Thakur et al., 2021). Recently, pseudocereals have gained wide popularity among consumers because of their good quality proteins and their appropriateness for celiac patients. Moreover, these are also rich in dietary fiber and phenolic components, which are connected with their wide health benefits. Reports from various studies have shown that the flour of pseudocereals can be replaced with that of cereal for the preparation of functional and gluten-free food products (Alencar and de Carvalho Oliveira, 2019).

Despite being highly nutritious, these grains have limited bioavailability owing to the presence of anti-nutritional components such as tannins and phytic acid that bind with nutrients making them

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Received 17 September 2021; Received in revised form 11 November 2021; Accepted 26 November 2021
Available online 1 December 2021

Journal of Postharvest Technology
2022, **10**(2): 48-59
www.jpht.in

RESEARCH ARTICLE

Effect of processing treatments on nutritional, anti-nutritional and bioactive characteristics of horse gram (*Macrotyloma uniflorum* L.)

Qurat Ul Eain Hyder Rizvi[1], Krishan Kumar[1*], Naseer Ahmed[1], Divya Chauhan[1], Priyanka Thakur[1], Sumaira Jan[1], Imran Sheikh[2]

[1]Department of Food Technology, Dr. Khem Singh Gill Akal College of Agriculture, Eternal University, Baru Sahib, Sirmour, HP-173101, India

[2]Department of Biotechnology, Dr. Khem Singh Gill Akal College of Agriculture, Eternal University, Baru Sahib, Sirmour, HP-173101, India

Received: 09.02.2022 Accepted: 11.04.2022

ABSTRACT

Horse gram (*Macrotyloma uniflorum* L.) is an important and one of the most nutritious crops that can be utilized as a basic ingredient for the preparation of several foods because of its high nutritional value. Cereal sprouts are supposed to have a better nutritional profile than cereal grains and their products. The present study aimed to explore the changes occurring during the processing treatments such as soaking and germination of horse gram seeds. The effect of processing treatments on nutritional, anti-nutritional, minerals (Fe, Zn, Mn, and Cu), and bioactive components of horse gram was studied at an interval of 12 and 24 h during soaking and 24, 48, and 72 h during the germination treatment. The results revealed that there was a 20.66 and 23.01% rise in protein content during soaking and germination treatments, respectively. The phenolic components were enhanced to 28.49% and antioxidant activity increased by 31.51% respectively after soaking and germination treatments. The anti-nutritional components like phytic acid, trypsin inhibitor, and tannin contents decreased significantly ($p \leq 0.05$) to 40.50, 28.57, and 26.79%, respectively after 72 h of germination. The mineral contents of horse gram increased significantly after soaking and germination processing treatments.

Keywords: Anti-nutrients, bioactive components, germination, horse gram, soaking

Citation: Rizvi, Q.E.H., Kumar, K., Ahmed, N., Chauhan, D., Thakur, P., Jan, S., and Sheikh, I. 2022. Effect of processing treatments on nutritional, anti-nutritional, and bioactive characteristics of horse gram (*Macrotyloma uniflorum* L.). *Journal of Postharvest Technology*, **10**(2): 48-59.

INTRODUCTION

India is considered as the top producer and consumer of pulses in the world. Pulses should be incorporated into the diet as it is an important source of protein for vegetarian people. Underutilized pulses are a valuable food source with numerous nutritional and health benefits for consumers and contribute effectively to global and regional food security. Among various

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Available online at http://www.jabonline.in
DOI: 10.7324/JABB.2022.100523

Impact of soaking, germination, fermentation, and roasting treatments on nutritional, anti-nutritional, and bioactive composition of black soybean (*Glycine max* L.)

Divya Chauhan[1], Krishan Kumar[1]*, Naseer Ahmed[1], Priyanka Thakur[1], Qurat Ul Eain Hyder Rizvi[1], Sumaira Jan[1], Ajar Nath Yadav[2]

[1]Department of Food Technology, Dr. Khem Singh Gill Akal College of Agriculture, Eternal University, Baru Sahib, Himachal Pradesh, India.
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ARTICLE INFO

Article history:
Received on: February 11, 2022
Accepted on: March 30, 2022
Available online: July 20, 2022

Key words:
Anti-nutrients,
Black soybean,
Fermentation,
Germination,
Roasting.

ABSTRACT

Legumes are plants of the family *Leguminosae* with seed pods that split into two halves. Black soybean seed coat contains numerous bioactive compounds having radical scavenging, anti-tumor, and anti-carcinogenic activities. This study was aimed to assess the effect of soaking, germination, natural fermentation, and roasting on nutritional and anti-nutritional components, minerals (Fe, Zn, Mn, and Cu), and bioactive components of the black soybean. The effect of soaking was studied at 12 and 24 h while that of germination at 24, 48, and 72 h. The results revealed that the phenolic contents augmented significantly ($P \leq 0.05$) in germination, fermentation, and roasting by 11.49%, 8.96%, 2.95%. Further, there was an 11.84% and 22.13% increase in the protein contents during the germination and fermentation processes, respectively. The antioxidant activity of processed grains increased significantly ($P \leq 0.05$) during germination, fermentation, and roasting by 72.51, 10.14, and 9.64%, respectively. The anti-nutritional compounds such as phytic acid and tannin contents decreased significantly ($P \leq 0.05$) during processing treatments. Phytic acid decreased to the extent of 34.04, 51.06, and 13.47% and tannin contents as 47.22, 75, and 38.89%, after germination, fermentation, and roasting processes, respectively. A significant ($P \leq 0.05$) increase in mineral contents was observed after the germination, fermentation, and roasting of the black soybean.

1. INTRODUCTION

There is great importance of pulses in human nutrition as these provide a sufficient amount of proteins, calories, vitamins, minerals, and other bioactive components [1]. The popularity of soybean is growing at faster rate as these are rich sources of micronutrients such as Fe, Zn, and Ca and have low glycemic index. The production of soybean showed increasing trend from 454.50 kg/ha in 1961 to 927.80 kg/ha in 2020 in India. The overall production of soybean in world was 385.85 million metric tonnes during 2019–2020 [2]. Besides nutraceutical components, seed comprises numerous essential isoflavones, namely, daidzein and genistein having medicinal properties [3]. The soybean seed coat is rich in several bioactive components having radical scavenging, anti-tumor, and anti-carcinogenic activity [4]. It is nutritionally rich and comprises higher contents of carbohydrates (30%), proteins (32.1–39.8%), fats (10.8–19.6%), dietary fibers (21.77–30.31%), and minerals (3.93–6.15%) including phosphorous, iron, potassium, sodium, zinc, copper, and manganese. Besides, higher content of vitamin B comprising vitamin B1, B2, B3, B5, and B6 is present in different cultivars of soybean [5].

Black soybean (*Glycine max* L. Merrill) has recently received considerable attention due to its high nutritional value and availability as an ingredient in various foods and folk medicines in Asia. Out of the supposed medicinal components in black soybean, the common chemical components are anthocyanins [6], isoflavones such as phytoestrogens [7], oligosaccharides, and saponins [7]. Soybean contains anti-nutritional factors such as tannin and phytic acid. These anti-nutritional factors, especially phytates, are powerful chelating agents that reduce the bioavailability of divalent cations such as zinc, iron, and calcium by the formation of insoluble phytates [8].

Traditional processing treatments such as soaking, fermenting, germinating, and roasting have been utilized for improving the nutritional value of cereals and pulses [9]. The germination process is widely used in cereals and legumes for increasing the nutritive value mainly through the breakdown of anti-nutritional components [10]. Processing techniques responsible for decreasing the anti-nutritional factors as well as minimizing the losses of micronutrients are of great interest to scientists. The thermal, as well as biological processing

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Journal of Postharvest Technology
2022, **10**(2): 48-59
www.jpht.in

RESEARCH ARTICLE

Effect of processing treatments on nutritional, anti-nutritional and bioactive characteristics of horse gram (*Macrotyloma uniflorum* L.)

Qurat Ul Eain Hyder Rizvi[1], Krishan Kumar[1*], Naseer Ahmed[1], Divya Chauhan[1], Priyanka Thakur[1], Sumaira Jan[1], Imran Sheikh[2]

[1]Department of Food Technology, Dr. Khem Singh Gill Akal College of Agriculture, Eternal University, Baru Sahib, Sirmour, HP-173101, India

[2]Department of Biotechnology, Dr. Khem Singh Gill Akal College of Agriculture, Eternal University, Baru Sahib, Sirmour, HP-173101, India

Received: 09.02.2022 Accepted: 11.04.2022

ABSTRACT

Horse gram (*Macrotyloma uniflorum* L.) is an important and one of the most nutritious crops that can be utilized as a basic ingredient for the preparation of several foods because of its high nutritional value. Cereal sprouts are supposed to have a better nutritional profile than cereal grains and their products. The present study aimed to explore the changes occurring during the processing treatments such as soaking and germination of horse gram seeds. The effect of processing treatments on nutritional, anti-nutritional, minerals (Fe, Zn, Mn, and Cu), and bioactive components of horse gram was studied at an interval of 12 and 24 h during soaking and 24, 48, and 72 h during the germination treatment. The results revealed that there was a 20.66 and 23.01% rise in protein content during soaking and germination treatments, respectively. The phenolic components were enhanced to 28.49% and antioxidant activity increased by 31.51% respectively after soaking and germination treatments. The anti-nutritional components like phytic acid, trypsin inhibitor, and tannin contents decreased significantly ($p \leq 0.05$) to 40.50, 28.57, and 26.79%, respectively after 72 h of germination. The mineral contents of horse gram increased significantly after soaking and germination processing treatments.

Keywords: Anti-nutrients, bioactive components, germination, horse gram, soaking

Citation: Rizvi, Q.E.H., Kumar, K., Ahmed, N., Chauhan, D., Thakur, P., Jan, S., and Sheikh, I. 2022. Effect of processing treatments on nutritional, anti-nutritional, and bioactive characteristics of horse gram (*Macrotyloma uniflorum* L.). *Journal of Postharvest Technology*, **10**(2): 48-59.

INTRODUCTION

India is considered as the top producer and consumer of pulses in the world. Pulses should be incorporated into the diet as it is an important source of protein for vegetarian people. Underutilized pulses are a valuable food source with numerous nutritional and health benefits for consumers and contribute effectively to global and regional food security. Among various

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Available online at http://www.jabonline.in
DOI: 10.7324/JABB.2022.100317

Influence of soaking and germination treatments on the nutritional, anti-nutritional, and bioactive composition of pigeon pea (*Cajanus cajan* L.)

Qurat Ul Eain Hyder Rizvi[1], Krishan Kumar[1]*, Naseer Ahmed[1], Ajar Nath Yadav[2], Divya Chauhan[1], Priyanka Thakur[1], Sumaira Jan[1], Imran Sheikh[2]

[1]Department of Food Technology, Dr. Khem Singh Gill Akal College of Agriculture, Eternal University, Sirmour, Himachal Pradesh, India.
[2]Department of Biotechnology, Dr. Khem Singh Gill Akal College of Agriculture, Eternal University, Sirmour, Himachal Pradesh, India.

ARTICLE INFO

Article history:
Received on: November 23, 2021
Accepted on: February 08, 2022
Available online: April 10, 2022

Key words:
Anti-nutrients,
Antioxidant activity,
Germination,
Pigeon pea,
Soaking.

ABSTRACT

Pigeon pea (*Cajanus cajan* L.) is an important perennial pulse from the family Fabaceae. It is one of the important underutilized pulses having high nutritional value and can be used as a basic ingredient for the preparation of value-added food products. The present investigation aimed to study the influence of soaking and germination on nutritional and anti-nutritional components, minerals (Fe, Zn, Mn, and Cu), and bioactive components of pigeon pea grains. The effect of soaking was studied at 12 and 24 h while that of germination at 24, 48, and 72 h. The results revealed that there was a 6.34% and 15.41% increase in protein contents during soaking and germination treatments, respectively. A significant ($P \leq 0.05$) increase in reducing power (91.46%) and metal chelating activity (64.16%) was observed in germinated pigeon pea. The phenolic components and antioxidant activity increased by 5.34 and 76.15% after 72 h of germination, respectively, but the anti-nutritional components like tannin contents and the phytic acids decreased significantly ($P \leq 0.05$) by 57.97 and 63.05%, respectively after 72 h of germination. A significant ($P \leq 0.05$) increase in mineral contents was observed after the soaking and germination treatments of pigeon pea grains. Therefore the soaking and germination processing of pigeon pea grains resulted in enhancing the nutritive value and bioactive potential with a reduction in anti-nutritional compounds.

1. INTRODUCTION

Pulses are the potential sources of vegetable proteins in the human diet. India is the world's leading producer of pulses. It is cultivated in several parts of the world and does not require much water as it is considered a drought-resistant crop. These have a protein level of 20–25% by weight, which is twice that of wheat and three times that of rice. Pigeon pea (*Cajanus cajan* L.) is extensively utilized in the form of a pulse and is considered an inexpensive source of proteins. Besides, it is a vital source of nutraceutical and bioactive components. The bioactive components of pigeon pea were examined for their role in increasing the anti-carcinogenic and antioxidant effects, as well as these, have been reported to play a crucial role in modulating the gut microbiota [1]. It is a great source of B-complex vitamins, carbohydrates, and minerals. Pigeon pea when supplemented with other cereals provides a well-balanced diet with all essential amino acids and is equivalent to other protein-rich sources such as soybean and whey [2]. Due to the existence of various flavonoids and polyphenolic compounds in pigeon pea, it has several nutraceutical characteristics in addition to its high nutritional value. Several studies have shown that consuming pigeon pea reduces the risk of various lifestyle diseases such as diabetes, obesity, cancer, and cardiovascular disorders [3]. Pigeon pea is a dense source of nutrients, but some anti-nutrients such as phytic acid, tannins, and trypsin inhibitors bind with its nutritional elements making them unavailable to our body. Phytic acid binds with dietary minerals, such as iron, calcium, zinc, etc., tannins bind with proteins preventing their absorption, and trypsin inhibitors bind with the enzyme trypsin, thereby reducing its biological activity. Soaking is a conventional method used for hydrating the grains in the water [4] and proved useful for the reduction as well as the elimination of the anti-nutrients existing in the food grains [5]. It has been reported from various studies that soaking of food grains for 12–18 h is the best effective processing treatment to decrease the level of anti-nutrients such as trypsin inhibitors, phytic acid, etc. which are wholly or partially soluble in water [4,6]. Germination is a commonly used conventional technique that enhances the digestibility of nutrients, improves bioactive components, and reduces some anti-nutritional components in pulses. It also enhances the concentration of bioactive compounds such as total phenolic components, reducing

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Effect of Processing Treatments on the Nutritional, Anti-Nutritional, and Bioactive Composition of Blue Maize (*Zea Mays* L.)

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Abstract

Maize is considered as an important annual cereal crop cultivated widely throughout the world. Blue Maize (*Zea mays* L.) is a blue-colored variety of maize containing high content of anthocyanin and belongs to the family Poaceae. The current study aimed to evaluate the effect of soaking, germination, natural fermentation, and roasting on nutritional, anti-nutritional, and bioactive components of blue maize. The changes in chemical composition were studied after 12 and 24 h of soaking and 24, 48, and 72 h of germination treatment. The blue maize grains were subjected to natural fermentation for time intervals of 12, 24, and 36 h, and roasting treatment by heating at 180 °C on a hot plate for 10 s. The results revealed that the phenolic content increased significantly ($p \leq 0.05$) from 44.88 to 51.56 mg GAE/100g after 36 h fermentation and from 44.88 to 61.05 mg GAE/100g after 72 h of germination whereas it decreased from 44.88 to 35.73 mg GAE/100g during the roasting process. Further, there was a 44.02 and 20.22% increase in protein content during germination and fermentation processes, respectively, and a slight decrease of 2.16% after roasting treatment. The antioxidant activity increased significantly ($p \leq 0.05$) from 10.41 to 18.85% during germination and 10.41 to 14.50% during fermentation, respectively. But it was found to get decreased by 6.53% after the roasting process. The anti-nutrients such as phytic acid and tannins declined significantly ($p \leq 0.05$) during the processing treatments.

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Anthocyanin; Antioxidant Activity; Anti-Nutrients; Blue Maize; Fermentation; Germination; Roasting.

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An Ecocritical Study of Anita Desai's Novel Fire on the Mountain

By

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Abstract

Ecocritical analysis of Fire on the Mountain by Anita Desai has posed a tremendous threat to human society as well as the mother planet. The extensive overuse of natural resources has left us on the verge of economic failure. The rainforests are being cut down, fossil fuels are rapidly depleting, the seasonal cycle is disrupted, ecological disasters are occurring on a regular basis around the world, and our environment is on the verge of collapse. Ecocriticism is a worldwide growing movement that came into being as a reaction to man's anthropocentric mindset of dominating nature. The present paper tries to analyse the ecocritical ideas as perceived in some chosen world literature as well as Indian writing in English. An environmentally focused study of literature brings about ecological literacy among the readers, who in the process become eco-conscious, thereby taking excellent care of Mother Nature. Environmental concern is one of the key concerns, and ecocriticism has witnessed rapid development throughout its brief stay since its start. It is an interpretive instrument for interpreting nature writing, which is usually connected with environmental critique, animal studies, green cultural studies, ecosophy, deep ecology, ecofeminism, and eco-spiritualism, etc.

Keywords: Nature, Literature, Ecocriticism, Environment, Fire on the Mountain.

Introduction

The modern globe is confronting eco-disasters, and now our ecology is in danger. Just knowledge and technology are not enough to address the worldwide ecological issue. Ecocriticism is one of the younger revisionist movements that has removed the humanities over the past few decades. We should make a shift in our attitude towards nature. Literature does not float above life, so it has a function to perform. Ecologically oriented literature argues for a greater knowledge of nature in its broader relevance because, for a long time, literary critics did not give nature the consideration it deserved. Within the previous three decades, ecocriticism has emerged as a worldwide emergent movement. The word 'eco' derives from the Greek root word 'oikos, which etymologically means household or earth, and 'logy, from 'logos, denotes logical discourse. Together, they refer to criticism of the home and surroundings as they are represented in literature. Ecocriticism, which was synonymous with American nature writings as well as British Romantic literature, has now acquired its impetus with worldwide

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EVINCEMENT OF PERSECUTION ON THE NAME OF RELIGION IN TASLIMA NASREEN'S *LAJJA*

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Abstract
Taslima Nasrin, a prominent Bangladeshi author, emerged as a powerful advocate for the victims of riots. She became the voice for those who suffered silently, enduring exploitation and enduring pain at the hands of their fellow countrymen in the name of religion. This courageous step propelled her to international fame and recognition. She stood as a formidable and resilient woman, fighting for her own rights when religious fundamentalists issued a fatwa against her for speaking out in support of the oppressed through her work, *Lajja.* Under the fatwa, she faced a death sentence. Through her novel, she vividly depicted the brutality inflicted by Muslims and Hindus who, in the blink of an eye, turned into enemies due to religious conflicts in India, triggered by the demolition of the Babri Masjid in Ayodhya on December 6, 1992. Riots erupted in India, and the flames of this unrest also spread to Bangladesh, a predominantly Muslim-majority nation.
Key words: Religion, politics, discrimination, domination and oppression.

Persecution on the name of religion

Taslima Nasrin penned this fictional masterpiece in just seven days. As a controversial novel, it sheds light on the heartbreaking plight of individuals who were subjugated and oppressed by their own compatriots due to religious disputes. Taslima herself fell victim to the venom of communalism and fundamentalism. She personally experienced the flames of riots and violence, incited in the name of religion, which wreaked havoc on the innocent people of both Bangladesh and India. During these riots, the Hindu community endured unimaginable maltreatment at the hands of Islamic extremists who resorted to abduction, murder, and the unspeakable horrors of rape against their daughters and wives. The Hindus were ultimately compelled to flee Bangladesh, as the Muslim community no longer wished to coexist with them. Furthermore, the author exposes the insatiable political greed where political leaders, driven by their own self-interest, set their fellow countrymen on a collision course with the chaos of riots. In both Bangladesh and India, politicians manipulate religious sentiments, playing a dangerous game with the lives of their nation's people, all while enjoying their own safety without facing harm. They treat the lives of the people as mere puppets, with complete control in their hands. Nasrin also offers a scathing critique of the male-dominated society where women are subjugated and persecuted under the tyranny of male dominance. Thus, Nasrin's *Lajja* provides a stark and realistic portrayal of the oppressed communities and the multifaceted injustices they face.

As a victim herself, she displayed remarkable courage in raising her voice to expose the intertwined issues of religious conflict and patriarchal oppression, constructs created by men to confine women within boundaries prescribed by them, where they are denied the freedom to live and act according to their own desires. Through this controversial work, Taslima made a concerted effort to illuminate the suffering of both Hindu and Muslim women, who were subjected to mistreatment and torment by religious fundamentalists. During the riots, Taslima bore witness to the pervasive terror and fear that

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A Study of Selected Indian Novels from an Ecocritical Point of View

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Abstract :- To address the ecological catastrophe on a global scale, science and technology alone are insufficient. We need to modify the way we think about nature. Literature has a place in life; it does not exist apart from it. Our environment is now in danger as a result of the eco-disasters that are already occurring. The environment has posed a danger to both mother earth and human civilization during the past few decades. We are on the verge of a ditch due to the widespread use of natural resources. The goal of this paper is to examine ecocritical viewpoints as they are envisioned in a selection of world literature. The current study examines the ecocritical viewpoints as they are intended in a few pieces of English-language literature from India and other parts of the world.

Key words :- Ecocriticism, Nature, Novelists, Deep ecology.

Introduction :- The literary analysis emphasizes the environment helps readers develop ecological literacy and consciousness, which helps them take excellent care of Mother Nature. Ecocriticism is a method for interpreting and studying nature literature that is frequently linked to environmental criticism, animal studies, green cultural studies, eco-poetry, deep ecology, ecofeminism, and other related ideologies (Mishra, 2018, pp. 45-48). Hence, eco-literature has given rise to eco-criticism, which was formerly associated with American nature writings and British Romantic literature. All significant canonical literature places a high value on the environment as an integral component of human culture. They might gain various fresh viewpoints because of ecological awareness (Mishra, 2018, pp. 45-48; Geetanjali, 2018, pp. 179-183). Eco-criticism is a very difficult term to be defined as this term is a sort of umbrella under which multiple approaches fall. In Indian literature, novels play an important role in society, culture and environment etc. Many writers like Amitav Ghosh, Kamla Markandaya, Anita Desai and Arundhati Roy have themes to express their concerns about the problems related to eco-criticism. So, the present work will explore, review and answer all relevant questions and for this purpose, the below-mentioned novels written by different Authors have been selected. This research work is divided into four chapters: AMITAV GHOSH THE HUNGRY TIDE; ARUNDHATI ROY'S THE GOD OF SMALL THINGS; KAMALA MARKANDAYA'S NECTAR IN A SIEVE; and ANITA DESAI'S FIRE ON THE MOUNTAIN.

Amitav Ghosh's novel The Hungry Tide in the Perspective of Ecocriticism

Amitav Ghosh's novel The Hungry Tide :- Is a well-known Indian English novel that describes eco-criticism in different aspects (Mishra, 2018, pp. 45-48). Amitav Ghosh exposes different aspects of nature in the direction to find a connection between human life and the natural world (Kaur, 2017, pp. 1-11). The Hungry Tide connects nature and humanity, believing that any human activity that disrupts natural elements will ultimately lead to the extinction of life. The story takes place in the Sundarbans located near the Ganga, Padma, Megna, and Brahmaputra Rivers and is the world's largest mangrove forest region (Kaur, 2017, pp. 1-11). The novel effectively depicts the life of the poor people of the Sundarbans, as well as the problems that affect them and their everyday struggle for survival (Mishra, 2018, pp. 45-48). The Hungry Tide represents the continuous transformations that the Sundarban's ecosystem of mangrove forest islands and mudflats undergo

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ECO-CRITICAL ANALYSIS: AMITAV GHOSH'S "*THE HUNGRY TIDE*" AND ANITA DESAI'S "*FIRE ON THE MOUNTAIN*"

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ABSTRACT: In Ghosh's novels "*The Hungry Tide*" and Desai's "*Fire on the Mountain*" eco-critical analysis reveals a compelling exploration of the intricate interdependence of human-nature relationships, urging readers to reflect on the urgency of environmental stewardship in the complex relationship between humanity and nature. In "*The Hungry Tide*" Ghosh intricately weaves a narrative set in the Sundarbans, exploring the complex relationship between humans and the fragile ecosystem of this unique delta. The study illuminates the ecological impact of human interventions, confronting themes of climate change and biodiversity loss. In, Anita Desai's "*Fire on the Mountain*" takes us to the isolated Himalayan region, separating the details of human-nature interactions within the domestic sphere. The study examines Desai's portrayal of the mountains as both a refuge and a formidable force, reflecting the broader implications of environmental degradation. Through an ecocritical lens, this exploration seeks to unveil how these novels contribute to the broader discourse on environmental consciousness and the consequences of human actions on diverse landscapes.

KEYWORDS: Eco-critical study, Amitav Ghosh, *The Hungry Tide*, Anita Desai, *Fire on the Mountain*

INTRODUCTION

In ecocritical study, the focus is on analyzing the intricate environmental narratives within two interconnected literary works: Amitav Ghosh's "*The Hungry Tide*" and Anita Desai's "*Fire on the Mountain*". These novels, rather than conforming to conventional storytelling, serve as captivating explorations that immerse readers in the dynamic relationship between human lives and the natural world. Ghosh's narrative unfolds against the backdrop of the Sundarbans, a region with a distinctive ecosystem. The chosen surroundings cease to be mere backdrops; they become integral elements of the storytelling, shaping and being shaped by the characters and events within the narratives. Employing an eco-critical lens, the study seeks to go beyond a conventional literary analysis, aiming to uncover the nuanced reflections of the novelists on ecological themes. Ghosh and Desai use their narratives as mediums to offer insights into the far-reaching consequences of human actions on diverse landscapes and ecosystems. The study, therefore, becomes a journey into the environmental consciousness embedded in these literary studies. This exploration extends beyond the immediate narratives, inviting readers to reflect on the broader discourse surrounding humanity's relationship with the environment.

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RESEARCH Open Access

Infectivity of entomopathogenic nematode against the cabbage butterfly (*Pieris brassicae* L.) in polyhouse and in field condition

Preety Tomar[1], Neelam Thakur[1*] and Ambika Sharma[2]

Abstract

Background: Cabbage butterfly, *Pieris brassicae* Linnaeus (Lepidoptera: Pieridae), is a major insect pest affecting cole crops worldwide. Excessive applications of chemical-based insecticides have a devastating impression over the organisms and environment.

Results: In this study, entomopathogenic nematode (EPN) *Heterorhabditis bacteriophora* Poinar strain EUPT-S26 (local isolate) was evaluated for *Pieris brassicae* control under polyhouse and field conditions. Under the polyhouse conditions, the highest insect mortality 91.6 and 94.0% was observed in the plots treated with the nematodes suspension 1500 IJs/ml and 2000 IJs/ml, respectively. Based on the highest cabbage plant protection under polyhouse conditions, *H. bacteriophora* EUPT-S26 was also applied for field assays in the course of the crop's productive phase. Data demonstrated from the field treatments signify the highest concentration (2000 IJs/ml) showed the maximum larval mortality and least damage percentage 45 ± 1.07% that remained constant until harvesting; this resulted in the highest productivity in polyhouse and under field conditions.

Conclusion: According to assessed field conditions, it was suggested to perform 3 applications of EPNs during the vegetative phase and at the time of head formation to increase productivity and to reduce damage. The results approved that EPNs are an effective alternative of chemical-based insecticides to control the cabbage butterfly.

Keywords: Biocontrol, Damage, *Heterorhabditis bacteriophora*, *Pieris brassicae*, Productivity

Background

Pieris brassicae Linnaeus of family Pieridae is the key insect pests of cabbage. It generates significant losses as compared to costs of synthetic chemical insecticides for its control (Kasi et al. 2021). Cabbage butterfly is dispersed all over the world where brassicaceae are planted. Winter generations showed a longer life stages than those through the rainy and summer seasons. Temperature range (15.2–30 °C) was found ideal for its multiplication. Other different abiotic factors did not affect the life stages of insect (Thakur and Deka 1997). The gregariously feeding insect larvae consumed the whole leaves, except veins of the cauliflower, cabbage and flower buds of broccoli (Boczek and Lewandowski 2016). Over 50% yield losses have been observed due to the infestation by these insect pests in cabbage annually (Abbas et al. 2021). Sood (2007) reported that cabbage butterfly caused extensive damage to the cabbage crop in the month of April (last week) and May in Himachal Pradesh, India.

Although the chemical synthetic insecticides has been proven most trustworthy for the control of these voraciously feeding larvae, the repercussions of the persistent use of these synthetic insecticides result in various environmental hazards, especially the chemical residues also affect the soil fertility, affects the wildlife, contaminate resources of ground water, developed resistance amongst insects along with re-emergence of huge insect

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Research Article

Tailoring of structural, optical and electrical properties of anatase TiO_2 via doping of cobalt and nitrogen ions

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ABSTRACT

Pure (pristine) anatase and mono–doped and co–doped derivatives of TiO_2 having nitrogen (N) and cobalt (Co) as dopants with respective fixed doping concentrations of 0.7 mol.% and 1.0 mol.% were synthesized using auto–combustion sol–gel technique. The doping effects at corresponding non–metal and transition metal sites of TiO_2 on the basis of the structural, optical and electrical properties have been investigated. X–ray diffraction (XRD) measurement confirms the formation of pure anatase phase of TiO_2 for all samples having $I4_1/amd$ space group of tetragonal structure which has been also verified by the Raman spectroscopy measurement. Various crystallographic parameters have been calculated by performing Rietveld refinement of XRD data including average crystallite size that has been observed in the range of 10–15 nm. Pure anatase phase indicates the incorporation of Co^{2+} into TiO_2 lattice which assists the substitution of N in place of oxygen in co–doped TiO_2. The band gap tuning towards the visible region from 3.2 to 2.1 eV has been achieved with mono–doping and co–doping of the N and Co in TiO_2 lattice. This can be described in terms of the formation of localized levels of N–2p and Co–3d states in mono–doping and an isolated intermediate band formation in co–doping case. Electrical properties have been investigated in details and explained as the synergetic effects of structural and inherent ionic characters of various dopants. The observed band gaps of all doped samples lie within the visible region which makes them pertinent as the solar energy harnessing materials for photocatalytic and photovoltaic applications.

1. Introduction

TiO_2 is a global demanding material among the several semiconductors because of its low cost, high stability and harmless nature to, both, human and environment [1–3], TiO_2 exists naturally in three crystalline phases, namely, anatase, rutile and brookite [4]. Among these polymorphs, the anatase phase has lower density, low dielectric constant, higher electron mobility and lower recombination rate of electron–hole pairs that make it preferable for photovoltaic application [5]. Limitation with anatase TiO_2 is its wide band gap of ~ 3.2 eV due to which it remains active for UV radiation which is approximately 5% of the solar spectrum on the earth's surface [6,7]. In order to utilize the maximum part of the solar radiation, it is important to make TiO_2 sensitive for visible light without deviating it's most efficient anatase phase. The extensive research is going on worldwide for the visible light absorption of anatase TiO_2 using some promising techniques that involve mono–doping and co–doping of transition metal or non–metal ions.

The doping of transition metal ions, i.e. Cu, Co, Fe, Cr, Ag, V, etc., up to a specific doping concentration in TiO_2 [7–10] is able to reduce its energy band gap as well as to suppress the recombination rate of photon induced electron–hole pairs. However, the recombination may increase at higher dopant concentrations of these metal ions [11]. On the other hand, doping of non–metals such as N, S and C in TiO_2 replaces O in the TiO_2 host lattice to introduce impurity energy states just above the valence band of TiO_2 which results in the reduction in band gap energy [12–15]. Further, the interest of co–doping of metal and non–metal ions in TiO_2

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Prokaryotic diversity and community structure in the rhizosphere of Lantana weed (*Lantana camara* L.)

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Lantana weed (*Lantana camara* L.) is among the most noxious weeds in the world. Keeping in mind its invasive behavior and great ecological tolerance, it becomes imperative to analyze the structure and function of associated microbiome. In this perspective, Illumina-based metagenome sequencing was performed to gain a better understanding of prokaryotic diversity and community structure in the rhizosphere soil of *L. camara* L. The organic carbon, nitrogen, phosphorus, and potassium contents in the rhizosphere soil were 0.91% (± 0.21%); 280 Kg ha^{-1} (± 4.02 Kg ha^{-1}), 54.5 Kg ha^{-1} (± 3.12 Kg ha^{-1}), and 189 Kg ha^{-1} (± 6.11 Kg ha^{-1}), respectively. The metagenome analysis revealed the existence of 41 bacterial and 2 archaeal phyla, with only 12 showing ≥1% abundances. Pseudomonadota was the dominant phylum with 31.3% abundance, followed by Actinomycetota (20.9%). Further, 54 different genera were identified with the highest abundance of *Devosia* (2.8%). The PICRUSt analysis predicted various functional traits in the soil metagenome, with general cellular functions dominating, followed by stress tolerance. Moreover, 10% of the functions were associated with nitrogen fixation, phosphate solubilization, and potassium mobilization. In conclusion, the present study revealed the existence of diverse prokaryotic communities in the rhizosphere of the *L. camara* L. which was primarily associated with stress response and plant growth promotion. To the best of our knowledge, this study documents for the first time the *L. camara* L. microbiome. Furthermore, the identified genera can be explored for agricultural needs in future.

KEYWORDS

Illumina HiseqX, PICRUSt analysis, bacterial diversity, metagenomics, weed plants

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Prevalence of antibiotic-resistant Gram-negative bacteria having extended-spectrum β-lactamase phenotypes in polluted irrigation-purpose wastewaters from Indian agro-ecosystems

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Antibiotic resistance in bacteria has emerged as a serious public health threat worldwide. Aquatic environments including irrigation-purpose wastewaters facilitate the emergence and transmission of antibiotic-resistant bacteria and antibiotic resistance genes leading to detrimental effects on human health and environment sustainability. Considering the paramount threat of ever-increasing antibiotic resistance to human health, there is an urgent need for continuous environmental monitoring of antibiotic-resistant bacteria and antibiotic resistance genes in wastewater being used for irrigation in Indian agro-ecosystems. In this study, the prevalence of antibiotic resistance in Gram-negative bacteria isolated from irrigation-purpose wastewater samples from Sirmaur and Solan districts of Himachal Pradesh was determined. Bacterial isolates of genera *Escherichia, Enterobacter, Hafnia, Shigella, Citrobacter*, and *Klebsiella* obtained from 11 different geographical locations were found to exhibit resistance against ampicillin, amoxyclav, cefotaxime, co-trimoxazole, tobramycin, cefpodoxime and ceftazidime. However, all the isolates were sensitive to aminoglycoside antibiotic gentamicin. *Enterobacter* spp. and *Escherichia coli* showed predominance among all the isolates. Multidrug-resistance phenotype was observed with isolate AUK-06 (*Enterobacter* sp.) which exhibited resistant to five antibiotics. Isolate AUK-02 and AUK-09, both *E. coli* strains showed resistant phenotypes to four antibiotics each. Phenotypic detection revealed that six isolates were positive for extended-spectrum β-lactamases which includes two isolates from *Enterobacter* spp. and *E. coli* each and one each from *Shigella* sp. and *Citrobacter* sp. Overall, the findings revealed the occurrence of antibiotic resistant and ESBL-positive bacterial isolates in wastewaters utilized for irrigation purpose in the study area and necessitate continuous monitoring and precautionary interventions. The outcomes of the study would be of significant clinical, epidemiological, and agro-environmental importance in designing effective wastewater management and environmental pollution control strategies.

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REVIEW ARTICLE Open Access

Endosymbiotic microbes from entomopathogenic nematode (EPNs) and their applications as biocontrol agents for agro-environmental sustainability

Preety Tomar[1], Neelam Thakur[1*] and Ajar Nath Yadav[2]

Abstract

Background: The biological diversity on planet earth is declining day by day, due to different factors such as excessive applications of pesticides. The utilization of chemical pesticides affected environment as well as microorganisms. The awareness among the peoples towards the hazards by the residual toxicity of chemical pesticides should be developed for agro-environmental sustainability.

Main body: Entomopathogenic nematodes (EPNs) are the bacto-helminth parasites which show classical mutualism with the genera *Xenorhabdus* and *Photorhabdus*. The nematodes along with its endosymbiotic bacteria have a biocontrol potential which could be used to reduce chemical pesticides. Applications of bioagents have been reported and resulted in considerable reduction in pathogens. Furthermore, these bioagents are biodegradable, eco-friendly and easy to apply for protection of crops against diverse pathogenic organism. The nematode-bacterium complexes are effective against huge range of bacteria, fungi, nematodes and insects that are harmful to the crops. Along with biocontrol potential, the endosymbionts produce diverse secondary metabolic compounds, exoenzymes and toxic compounds that show antibiotic, antimycotic, nematicidal, miticidal and anticancerous properties.

Conclusion: The present review deals with the diversity of endosymbiotic microbes from EPNs and their role in biocontrol for the agro-environmental sustainability.

Keywords: Agricultural sustainability, Biocontrol, Diversity, Entomopathogenic nematode, *Photorhabdus*, *Xenorhabdus*

Background

Entomopathogenic nematodes (EPNs) are microscopic roundworms that belong to the families Heterorhabditidae and Steinernematidae of phylum Nematoda. EPNs are beneficial nematodes that exhibit a holoparasitic mode of survival (Bhat et al. 2020). The EPNs have been reported to survive in most of environmental conditions except psychrophilic conditions of Antarctica (Hominick 2002). The EPNs from genus *Steinernema* and *Heterorhabditis* were considered deadly fatal for a number of agricultural insects (Liu et al. 2020). Globally, 17 species of genus *Heterorhabditis* and 100 species of genus *Steinernema* have been reported that are found to be lethal for insect pests (Bhat et al. 2020). These nematodes showed mutualistic associations with endosymbiotic bacterial species that live inside the nematode. A major role has been played by these bacterial endosymbionts in nutritional physiology (Feldhaar 2011). The endosymbionts *Xenorhabdus* and *Photorhabdus* reside in symbiotic

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