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3.7.1 Number of collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students per year : 29.4

3.7.1.1: Total number of Collaborative activities with other institutions/ research establishment/industry for research and academic development of faculty and students year wise during the last five years: 147

Year	2021-2022	2020-2021	2019-2020	2018-2019	2017-2018
Number	52	30	15	30	20

S. No.	Documents	Page no.
01	Collaborative activities(371B)	1-115



Methylenetetrahydrofolate Reductase Gene C677T Polymorphism–Dietary Pattern Interaction on Hyperhomocysteinemia in a Chinese Population: A Cross-Sectional Study

OPEN ACCESS

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Background and aim: Hyperhomocysteinemia (Hhcy) has been recognized as a risk factor of several chronic diseases. There is accumulating evidence that both genetic and dietary factors had a notable impact on the risk of Hhcy. The present study aims to investigate the interaction effect on Hhcy between methylenetetrahydrofolate reductase (MTHFR) gene C677T polymorphism and dietary intake.

Methods: Data were collected in a cross-sectional survey conducted in China; 3,966 participants with complete information on sociodemographic characteristics, anthropometric measurements, and dietary intake were included in the analyses. Dietary patterns were identified by factor analysis combined with cluster analysis. Blood samples were collected and MTHFR C677T genotypes were tested. Both the multiplicative statistical model and the additive model were conducted to investigate the interactive effects.

Results: Proportions of MTHFR C677T genotypes among participants were 29.2% for TT, 47.4% for CT, and 23.4% for CC. Three dietary patterns were identified, namely, the balanced pattern, the snack pattern, and the high-meat pattern. Compared with the balanced pattern, the other two patterns were associated with an elevated risk of Hhcy [the snack pattern: odds ratio (OR) 1.2, 95% confidence interval (CI) 1.0–1.5; the high-meat pattern: OR 1.3, 95% CI 1.1–1.6] after adjustment for age group, gender, residential region, and MTHFR C677T genotypes. A multiplicative interaction between the high-meat pattern and MTHFR 677TT genotype was observed, and synergistic effects between both the snack pattern and the high-meat pattern with MTHFR 677TT were identified.



An Exploratory Analysis of the Association Between Catechol-O-Methyltransferase and Response to a Randomized Open-Label Placebo Treatment for Cancer-Related Fatigue

OPEN ACCESS

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Kaptchuk TJ, Fontaine KR and
Mehta TS (2021) An Exploratory
Analysis of the Association Between
Catechol-O-Methyltransferase and
Response to a Randomized
Open-Label Placebo Treatment for
Cancer-Related Fatigue.
Front. Psychiatry 12:684556.
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Teri W. Hoenemeyer^{1*†}, Navneet Kaur Baidwan^{1†}, Kathryn Hall^{2†}, Ted J. Kaptchuk^{3†},
Kevin R. Fontaine^{4†} and Tapan S. Mehta^{5§}

¹ Comprehensive Cancer Center, University of Alabama at Birmingham, Birmingham, AL, United States, ² Division of Preventive Medicine, Brigham and Women's Hospital, Boston, MA, United States, ³ Program of Placebo Studies and the Therapeutic Encounter, Beth Israel Deaconess Medical Center and Harvard Medical School, Boston, MA, United States, ⁴ Department of Health Behavior, School of Public Health, University of Alabama at Birmingham, Birmingham, AL, United States, ⁵ Department of Health Services Administration, School of Health Professions, University of Alabama at Birmingham, Birmingham, AL, United States

Previous studies have identified catechol-O-methyltransferase (COMT), as a key enzyme influencing sympathetic function. Although the COMT SNP rs4680 and rs4818, are well-studied, little is known about their influence on cancer-related fatigue (CrF) and placebo response. In this study, we examined whether genetic variation in COMT, at the functional SNP rs4680 and linked rs4818, influenced open-label placebo (OLP) responses found in cancer survivors reporting moderate to severe CrF. We randomized cancer survivors ($N = 74$) reporting moderate-to-severe CrF to receive OLP or to treatment-as-usual (TAU) and assessed if rs4680 and rs4818 were associated with changes in fatigue severity and fatigue-distressed quality of life. At the end of the initial 21 days, the treatments were crossed over and both groups were re-assessed. Participants with the rs4680 high-activity G-allele (G/G or G/A) or rs4818 C/G genotypes reported significant decreases in fatigue severity and improvements in fatigue-distressed quality of life. The COMT rs4818 findings replicated findings in a similar study of OLP in cancer fatigue.

Clinical Trial Registration: www.ClinicalTrials.gov, identifier: NCT02522988.

Keywords: cancer related fatigue, COMT (rs 4680), placebo effect, non-deceptive placebo, COMT rs4818 polymorphism

INTRODUCTION

Cancer-related fatigue (CrF), the most common and distressing condition reported by cancer patients, has detrimental effects on physical functioning and quality of life with only marginally effective treatments such as exercise, psychoeducational, erythropoiesis-stimulating agents, Dexamethasone, modafinil, anti-depressants or no treatment (1–11). Over the past

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Vitamin D Receptor Genetic Polymorphisms Associate With a Decreased Susceptibility to Extremity Osteomyelitis Partly by Inhibiting Macrophage Apoptosis Through Inhibition of Excessive ROS Production via VDR-Bmi1 Signaling

OPEN ACCESS

Edited by:

Pradeep Kumar,
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Specialty section:

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Receptor Genetic Polymorphisms
Associate With a Decreased
Susceptibility to Extremity
Osteomyelitis Partly by Inhibiting
Macrophage Apoptosis Through
Inhibition of Excessive ROS Production
via VDR-Bmi1 Signaling.
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Background: Previous studies had reported that *vitamin D receptor (VDR)* gene polymorphisms were related to the development of several inflammatory disorders. However, potential links between such variations and the risk of developing a bone infection and underlying mechanisms remain unclear. This study aimed to analyze potential associations between *VDR* genetic variations and susceptibility to extremity osteomyelitis (OM) in a Chinese Han population and investigate potential mechanisms.

Methods: Between January 2016 and August 2020, altogether 398 OM patients and 368 healthy controls were genotyped for six *VDR* gene polymorphisms, including *Apal* (rs7975232), *BsmI* (rs1544410), *FokI* (rs2228570), *TaqI* (rs731236), *GATA* (rs4516035), and *Cdx-2* (rs11568820) by the SNaPshot genotyping method. Then, male C57BL/6 mice were randomly divided into vitamin D–standard, –excess, –deficient, and –rescued groups. One week after making the model surgery, OM occurrence and severity were assessed using the bacterial count and histopathological staining. *In vitro*, phagocytosis, apoptosis, and bactericidal ability of macrophages were evaluated by overexpression or knockdown of VDR protein.

Results: Significant associations were found among rs7975232, rs1544410, and OM development by the recessive model (AA vs. AC + CC, $p = 0.037$, OR = 0.594), homozygous model (AA vs. CC, $p = 0.033$, OR = 0.575), and heterozygous model (CT vs. CC, $p = 0.049$, OR = 0.610), respectively. Patients with the AA genotype of rs7975232 had a relatively higher mean level of vitamin D than those with AC and CC genotypes (22.5 vs. 20.7 vs. 19.0 ng/ml). Similarly, patients with CT genotype of rs1544410 had a relatively higher mean vitamin D level than those with CC genotype (20.94 vs. 19.89 ng/ml). Outcomes of *in vivo* experiments showed that the femoral



Association of NLRP3 rs35829419 and rs10754558 Polymorphisms With Risks of Autoimmune Diseases: A Systematic Review and Meta-Analysis

OPEN ACCESS

Zubo Wu¹, Suyuan Wu² and Tao Liang^{2*}

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Systematic Review and Meta-Analysis.
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doi: 10.3389/fgene.2021.690860

¹ Department of Pediatrics, Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China, ² Department of Clinical Laboratory, Union Hospital, Tongji Medical College, Huazhong University of Science and Technology, Wuhan, China

The existing knowledge about the association between NLRP3 rs35829419/rs10754558 polymorphisms and susceptibility to autoimmune diseases (AIDs) remains controversial. Herein, a meta-analysis was performed to evaluate such association. We searched databases for relevant studies published in English up to February 2021. Stata14 was used to assess the odds ratio (OR). As for NLRP3 rs35829419, no significant association to overall AIDs was found in three genetic models [A vs. C: OR (95%CI) = 0.89 (0.69–1.14); AC vs. CC: 1.00 (0.77–1.30); AA/AC vs. CC: 0.93 (0.71–1.20)]. However, subgroup analysis by disease type showed that NLRP3 rs35829419 A allele may have a significant protective effect on rheumatoid arthritis (RA) susceptibility [A vs. C: 0.74 (0.57–0.96)]. NLRP3 rs10754558 polymorphism contributes to significantly reduce the risk of AIDs in the allelic model [G vs. C: 0.78 (0.71–0.87)], homozygote co-dominant model [GG vs. CC: 0.63 (0.51–0.77)], heterozygote co-dominant model [GC vs. CC: 0.78 (0.66–0.91)], dominant model [GG/GC vs. CC: 0.73 (0.63–0.84)], and recessive model [GG vs. GC/CC: 0.73 (0.62–0.88)]. In the subgroup analysis by ethnicity, association was observed between the NLRP3 rs10754558 G allele and AIDs in Latin Americans, but not in European, Arabian, or Asian populations. Stratification by disease type showed a significant association of the NLRP3 rs10754558 G allele with type 1 diabetes (T1D), RA, and systemic lupus erythematosus (SLE), but not with celiac disease (CD), multiple sclerosis (MS), or myasthenia gravis (MG). This meta-analysis suggests that the NLRP3 rs10754558, but not rs35829419, polymorphism is associated with susceptibility to AIDs, especially in Latin American individuals.

Keywords: NLRP3, single nucleotide polymorphisms, autoimmune diseases, susceptibility, meta-analysis

महात्मा गाँधी चित्रकूट
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Ref. :Exam/Ph.D/21/ 914/A

Date 06/08/21

Confidential/गोपनीय

TO

Prof. S.P. Tiwari
Department of Botany
B.B.S. Purvanchal University Jaunpur
Jaunpur (U.P.)

Sub: Ph.D. Thesis evaluation of Archana Tiwari.

Sir/Madam,

The Vice-Chancellor is pleased to appoint you to act as an examiner of the Ph.D. Thesis submitted by Archana Tiwari. The Topic of Research is mentioned below:

" Studies on the sources of water supply of Satna city with special references to the water quality and Fish Diversity"

Please send back the evaluated thesis along with the evaluation report as per enclosed proforma by registered post to the under signed. The report may also kindly be sent at the Email Address: confidential.mgegv@gmail.com from expert's personal email address expeditiously. Pl. send by filling the attached remuneration bill (Rs.1000 plus excluding postage charge) for payment. Payment will be made on receipt of the thesis.

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Rev. V.B.S. Purvanchal University,
Jaunpur



PME Cell, NBAI... 12/27/2022

to me v



प्रिय मीनाक्षी,

कृपया आप प्रशिक्षण से सम्बंधित पत्र को प्राप्त करें।

धन्यवाद,

भवदीय

In-charge P.M.E Cell

प्रभारी - पी.एम्.ई.सेल

रा. कृ. उ. सू. ब्यूरो, कुशमौर, मऊ २७५१०३

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पत्रांक सं० - 7-7 /2012/Tech. Cell /NBAIM/1962

दिनांक:- 27.12.2022

सेवा में,

सुश्री अनुपमा पाल,
पीर बरपुर सिंह पूर्वांचल विश्वविद्यालय बोनपुर

प्रिय अनुपमा पाल,

आपको यह सूचित किया जाता है कि सक्षम प्राधिकारी के द्वारा नीचे दिए गए निम्नलिखित नियमों एवम् शर्तों के तहत प्रशिक्षण की स्वीकृति प्रदान की जाती है।

प्रशिक्षण के दौरान प्रशिक्षुओं को संस्थान स्तर पर निम्नलिखित सुविधाएं प्रदान की जाएंगी।

- सभी प्रयोगशाला सुविधाएं
- पुस्तकालय सुविधाएं
- भोजन एवं छात्रावास/आवास की सुविधा संस्थान द्वारा निर्धारित दरों के अनुसार लागत पर उपलब्ध करायी जाएगी।

प्रशिक्षुओं के लिए प्रशिक्षण शुल्क नीचे दिए गए कार्यक्रम के अनुसार लिया जाएगा।

- तीन महीने का प्रशिक्षण - 10,000 रु०
- छः महीने का प्रशिक्षण - 20,000 रु०

उपरोक्त के अनुसार आपको ब्यूरो में प्रशिक्षण हेतु उपस्थित होने की तारीख का संकेत देने हुए सात दिनों के भीतर पुष्टि करने का निर्देश दिया जाता है। प्रवेश के समय पूरी फीस जमा करनी होगी। यदि निर्धारित अवधि में कोई पुष्टि प्राप्त नहीं होती है। तो आवेदन निरस्त किया जा सकता है।

धन्यवाद,

गवर्नीय

Yashu
27.12.2022

प्रभारी - प्रा० नि० एवं सू० प्रकोष्ठ

ग० क० अनु० प०- राष्ट्रीय कृषि उपयोगी सूक्ष्मजीव ब्यूरो,
कुसमौर, मऊ

Registrar
V.B.S. Purvanchal University
Jaunpur

D.S.



राष्ट्रीय कृषि उपयोगी सूक्ष्मजीव ब्यूरो
NATIONAL BUREAU OF AGRICULTURALLY IMPORTANT MICROORGANISMS
भारतीय कृषि अनुसंधान परिषद्
(Indian Council of Agricultural Research)
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E-Mail (ई-मेल): director.nbaim@icar.gov.in, (Web): www.nbaim.org.in



पत्रांक सं०: - 7-7/2012/Tech. Cell/NBAIM/1830

दिनांक:- 06.12.2022

सेवा में,

सुश्री सना फातिमा

वीर बहादुर सिंह पुराणिक विधिदानघर, जौनपुर।

प्रिय सना फातिमा,

आपको यह सूचित किया जाता है कि सक्षम प्राधिकारी के द्वारा नीचे दिए गए निम्नलिखित नियमों एवम् शर्तों के तहत प्रशिक्षण की स्वीकृति प्रदान की जाती है।

प्रशिक्षण के दौरान प्रशिक्षुओं को संस्थान स्तर पर निम्नलिखित सुविधाएं प्रदान की जाएंगी।

- सभी प्रयोगशाला सुविधाएं
- पुस्तकालय सुविधाएं
- भोजन एवं छात्रावास/अवास की सुविधा संस्थान द्वारा निर्धारित दरों के अनुसार लागत पर उपलब्ध करायी जायेगी।

प्रशिक्षुओं के लिए प्रशिक्षण शुल्क नीचे दिए गए कार्यक्रम के अनुसार लिया जाएगा।

- तीन महीने का प्रशिक्षण - 10,000 रु०
- छः महीने का प्रशिक्षण - 20,000 रु०

उपरोक्त के अनुसार आपको ब्यूरो में प्रशिक्षण हेतु उपस्थित होने की तारीख का संकेत देते हुए सात दिनों के भीतर पुष्टि करने का निर्देश दिया जाता है। प्रवेश के समय पूरी फीस जमा करनी होगी। यदि निर्धारित अवधि में कोई पुष्टि प्राप्त नहीं होती है तो आवंटन निरस्त किया जा सकता है।

धन्यवाद,

भवदीय

Yashil
06.12.2022

प्रभारी - प्रा० नि० एवं मू० प्रकोष्ठ

भ० कु० अनु० प०- राष्ट्रीय कृषि उपयोगी सूक्ष्मजीव ब्यूरो,
कुसमौर, मऊ।

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पी.एम.ई. प्रकोष्ठ / PME Call
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Dr. Rahul Kunwar Singh
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Date: February 08, 2023

To,
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Departments of Microbiology,
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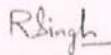
Subject: Collaborative work with your team at VBS Purvanchal University- reg.

Dear Dr. Tiwari,

This letter intends to inform you about my interest in collaborative work with you and your research group. This collaboration is expected to be advantageous for the beneficiaries from both the institutions. To start with I confirm my participation in manuscript entitled '*Bacterial Therapy: Promising Role in the Treatment of Colon Cancer*'. I will contribute to this work in reviewing the current literature on impact of bacterial therapy in cancer especially in colon cancer along with writing part of the same. I am certain that with contribution of expertise at your end will lead to a very fruitful result.

Further, I will also like to extend the collaborative association by offering cyanobacterial cultivation, and any kind of antimicrobial assays. As in my current position, as well as alumni of the VBS Purvanchal University, it will be my privilege to have academic and R & D Collaboration with you all. I am eagerly looking forward for collaborative work.

With Regards,


(Rahul K. Singh)




V.B.S. Purvanchal University
Jaunpur



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This article is part of the Research Topic

Harnessing Cytokinin Biology in Crop Biofortification and Enhanced Food Security

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Cytokinin biosynthesis in cyanobacteria: Insights for crop improvement



Shashi Uniyal¹,



Munni Bhandari¹,



Preeti Singh¹,



Rahul Kunwar Singh^{1*} and



Shree Prakash Tiwari^{2*}

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Cytokinins, a type of phytohormones that induce division of cytoplasm, have considerable value in agriculture due to their influences on several physiological processes of plants such as morphogenesis, development of chloroplasts, seed dormancy, leaf senescence, etc. Previously, it was assumed that plants obtain cytokinin from



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Original article

Anti-enterococcal and anti-oxidative potential of a thermophilic cyanobacterium, *Leptolyngbya* sp. HNBGU 003

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ABSTRACT

Enterococci, the opportunistic pathogens, pose several serious and life-threatening infections such as urinary tract infections, sepsis, and endocarditis. The situation is worsening due to the development of drug resistance in these pathogens against several antibiotics. The addition of anti-enterococcal compounds with antioxidant activity in fermented food may help prevent the transmission of food-borne enterococcal infections. Scientists are in continuous search of such compounds from various sources. Hence, the present study has tested the diethyl ether extracts of thermophilic cyanobacteria, selected based on a previous study, against the multidrug-resistant and -sensitive strains of *Enterococcus faecium*. Out of the eleven tested strains, 72% have shown anti-enterococcal activity against both strains. Among the extracts with anti-enterococcal activity, the diethyl ether extract of *Leptolyngbya* sp. (DEEL-3) inhibited the growth of VRE in a dose-dependent manner with a minimum inhibitory concentration of 2.0 mg ml⁻¹. The DEEL-3 has also shown its antioxidant potential in terms of DPPH scavenging with an IC₅₀ of 3.16 mg ml⁻¹. The organism was named *Leptolyngbya* sp. HNBGU 003 based on 16S rDNA sequence homology analysis and morphological features. Further, the GC-MS analysis of the DEEL-3 has revealed the predominance of two phenolic compounds, phenol, 2,4-bis(1,1-dimethylethyl)-, phosphate (3:1) and tri(2,4-di-tert-butylphenyl) phosphate, in it. Thus, the anti-enterococcal and antioxidant activity of DEEL-3 may be attributed to these phenolics, which may be isolated and developed as food additives.

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1. Introduction

Enterococci have emerged as the third most common source of hospital-acquired bloodstream infections (Opora and Zervos, 2007). Besides, these organisms can also cause urinary tract infections, sepsis, and endocarditis (Sood et al., 2008). More than twelve species are known to cause enterococcal infections in humans worldwide. However, *Enterococcus faecium* and *Enterococcus faecalis* are the most common species responsible for about 90–95% of enterococcal infections (García-Solache and Rice, 2019). Further,

the development of multidrug resistance including vancomycin resistance has left physicians with very limited choices of antibiotics for the treatment of infections caused by Enterococci (Karakisios et al., 2019). The vancomycin-resistant enterococci impose severe economic loss to society as they pose serious threats to the patients admitted in intensive care units (ICUs) as well as those with compromised immunity (MacDougall et al., 2020; Ben Soudik and Smaoui, 2019; Pachatz et al., 2018). These organisms have been categorized in the high priority list of antibiotic-resistant bacteria by World Health Organization (Melese et al., 2020).

Enterococci are food-borne pathogens and can be transmitted in humans through the consumption of contaminated food materials. These organisms can colonize in both raw and fermented food products such as meat, vegetables, cheese, and sausages (Giraffa, 2002). The use of natural food additives having both anti-enterococcal and antioxidant properties in food products can easily reduce the transmission of enterococci through the food chain (Lucera et al., 2012). Microorganisms have always been the major source of novel natural products with such bioactive properties

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(Crage and Newman, 2013). Among the microorganisms, cyanobacteria, the oxygenic photosynthetic organisms, have emerged as the newer and least explored source of secondary metabolites with both anti-enterococcal and antioxidant compounds (Singh et al., 2015, 2017; Tyagi et al., 2018). The metabolite spectrum of cyanobacteria vary due to the adaptation of strains in their respective habitats and offers significant diversity to be explored by the researchers for various purposes (Demay et al., 2019).

Therefore, the present study has been carried out to determine the anti-enterococcal potential of diethyl ether extracts obtained from eleven different thermophilic cyanobacteria. The selected extract, with potent anti-enterococcal activity was tested for its anti-oxidant potential as well as chemical profiling by GC-MS analysis.

on standard biochemical tests as well as their anthrologram (CISE, 2010).

2.5. Anti-Enterococcal activity

2.5.1. Qualitative assay

The anti-enterococcal activity of cyanobacterial extracts was tested by the agar well diffusion method. Enterococcal suspension with the turbidity as per standard was uniformly spread on the surface of agar (HI-Media, India) to prepare enterococcal lawn. Subsequently, the wells of 8 mm diameter were created in agar employing agar borer. Each test well received 200 µl of diluted cyanobacterial extract, whereas the positive, and negative control wells received the same volume of amikacin/chloramphenicol solution and dimethyl sulphoxide, respectively. The plates contain-

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Dr. Murad Ali

Head, Department of Business Management,

V.B.S. Purvanchal University,

Jaunpur (UP)

alimurad@rediffmail.com

Hope you have been doing well in these difficult times.

I am extremely pleased to inform you that Education Ministry, Govt. of India has sanctioned the grant to our CALEM for organizing online Academic Leadership course for the teachers of your institution. Kindly note the following important points:

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6000/- He/she will be responsible for sending us the list of 60 course participants approved by you and ensure their attendance and assignments on time.

7. The tentative course title, dates and timetable are attached.

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8. CALEM, AMU (Dr. Faiza Abbasi, Mobile No. 9760011520, email: faeza.abbasi@gmail.com and Mr. Syed Zulfiqar Ali, Section Officer, Mobile No. 8755104439, email: zulfiqar_gfs@yahoo.co.in) will be responsible for delivering the course allotted to you online.

9. We will select the Resource Persons and arrange for their video lectures to be attended by the participants.

Kindly send us your consent latest by 10 January 2021. If your consent is not received by 10 January 2021, the course will be allotted to another institution.

Looking forward to your positive response.

With regards,

Sincerely,

Professor A.R. Kidwai
Director


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Professor Vandana Rai and Professor Pradeep Kumar, Department of Biotechnology VBS Purvanchal University Jaunpur with Professor Gyaneshwar Chaubey , Department of Zoology, BHU, Varanasi



AN INSTITUTION OF NATIONAL IMPORTANCE ESTABLISHED BY AN ACT OF PARLIAMENT

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प्राध्यापक/Professor
सैलिकेन्युतिकी/Cytogenetics Lab
संतु विज्ञान विभाग/ Department of Zoology
विज्ञान संकाय/Faculty of Sciences

To,
Prof. Vandana Rai and Pradeep Kumar
Department of Biotechnology
VBS Purvanchal University, Jaunpur, India

Sub: Collaboration on COVID-19 work

Dear Madam and Sir,

In our work on COVID-19, we mainly focused on the genomic structure of the Indian population. We would like to explore human susceptibility along the line of various blood groups and other physical and chemical parameters.

Your work on the human population of the Purvanchal region is seminal and the data you have generated and published in a series of excellent papers would be very much worthwhile to use as a comparative dataset for our work.

Therefore, we request for scientific collaboration on this topic which is highly needed in this crisis.

Looking forward to a favourable response.

Sincerely,

Gyaneshwar Chaubey

Gyaneshwar Chaubey
Date: 16/08/2020



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Estimation of real COVID-19 cases in India during the first wave

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ABSTRACT

In 2020, severe acute respiratory syndrome coronavirus 2 (SARS-CoV-2) spread across the world within a few months. The SARS-CoV-2 pandemic has had a devastating effect on humanity, with social and economic consequences. The continents of Europe and America have been hit the hardest. However, there has also been a huge loss of life in India, with the country having the fourth highest number of total deaths worldwide. Nevertheless, the infection and death rates per million and the case fatality ratio in India are substantially lower than those in many developed nations. Several explanations for this have been proposed, including genetics. Mathematical modelling has suggested that the actual number of infections is much higher than the number of reported cases. Therefore, to understand the dynamics of actual infection and the population-level immunity against SARS-CoV-

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The association of ABO blood group with the asymptomatic COVID-19 cases in India

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ABSTRACT

The COVID-19 pandemic resulted in multiple waves of infection worldwide. The large variations in case fatality rate among different geographical regions suggest that the human susceptibility against this virus varies substantially. Several studies from different parts of the world showed a significant association of ABO blood group and COVID-19 susceptibility. It was demonstrated that individuals with blood group O are at the lower risk of coronavirus infection. To establish the association of ABO blood group in SARS-CoV-2 susceptibility, we for the first time analysed SARS-CoV-2 neutralising antibodies among 509 individuals, collected from three major districts of Eastern Uttar Pradesh region of India. Interestingly, we found neutralising antibodies in a significantly higher percentage of people with blood group AB (0.36) followed by B (0.31), A (0.22) and lowest in people with blood group O (0.11). We further estimated that people with blood group AB are at comparatively higher risk of infection than other blood groups. Thus, among the asymptomatic SARS-CoV-2 recovered people blood group AB has highest, whilst individuals with blood group O has lowest risk of infection.

1. Introduction

COVID-19 has impacted life of billions because of its virulence. The extensive ongoing research revealed the complex nature of this novel SARS-CoV-2 virus transmitted to the humans [1–6]. With the growing knowledge about this disease, it is clear that there are certain risk factors associated with morbidity and mortality [7–9]. More importantly, many of the studies have found strong association of the ABO blood group and COVID-19 with morbidity and mortality [6,10–14], whilst, a few studies have also found no association of COVID-19 with the ABO blood group [10,15,16]. In the past, there have been several studies suggesting the association of ABO blood group with diseases. For example, individual with the blood group O were reported to be more susceptible to the

Cholera in Gangetic plain populations [17] and *Helicobacter pylori* infection [18]. However, blood group O was found to be less susceptible for Dengue [19,20] and SARS (Severe Acute Respiratory Syndrome) viruses [14,21].

The ABO blood type is administered by the gene *ABO*, located at chromosome 9 [22]. Studies have found that the this gene modulates the COVID-19 susceptibility directly or indirectly [23–25]. Several genetic variants of this gene affect morbidity and mortality in COVID-19 and many other diseases. For example, it affects red blood related physiology [26,27], venous thromboembolism [28], type 2 diabetes [29], ischemic stroke [30], heart related functions [31] and coronary artery disease [31–33]. Thus, studying the association of ABO blood type with SARS-CoV-2 infection, it is feasible to ascertain the factors influencing

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¹ Equal first author contribution.

² The full author details of Serosurveillance Consortium BHU has been given in Supplementary text.

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Vaccine hesitancy for coronavirus SARS-CoV-2 in Varanasi India

Utkarsh Srivastava¹, Avanish Kumar Tripathi¹, Jagjeet Kaur¹,
Sabita Devi¹, Shipra Verma¹, Vanya Singh², Debashruti Das²,
Prajival Pratap Singh², Rahul Kumar Mishra², Nikhil A. Kumar³,
Vijaya Nath Mishra³, Pradeep Kumar⁴, Vandana Rai¹,
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With the rollout of the world's largest vaccine drive for SARS-CoV-2 by the Government of India on January 16 2021, India had targeted to vaccinate its entire population by the end of 2021. Struggling with vaccine procurement and production earlier, India overcome these hurdles, but the Indian population still did not seem to be mobilizing swiftly toward vaccination centers. The severe second wave has slowed the vaccination pace and was also one of the major contributing factors to vaccine hesitancy. To understand the nature of vaccine hesitancy and its underlying factors, we conducted extensive online and offline surveys in Varanasi and adjoining regions using structured questions. Most respondents were students (0.633). However, respondents from other occupations, such as government officials (0.10), have also participated in the study. Interestingly, most people (0.75) relied on fake news and did not take COVID-19 seriously. Most importantly, we noticed that a substantial proportion of respondents (relative frequency 0.151; mean age 24.8 years) reported that they were still not interested in vaccination. We observed a significant association between vaccine hesitancy and socioeconomic status ($\chi^2 = 307.6$, $p < 0.001$). However, we failed to detect any association between vaccine hesitancy and gender ($\chi^2 = 0.007$, $p > 0.5$). People who have neither been vaccinated nor have ever been infected may become the medium for spreading the virus and creating new variants, which may lead to the vaccine-resistant variant. We expect this extensive survey to help the Government upgrade their vaccination policies for COVID-19 in North India.

KEYWORDS

vaccine hesitancy, SARS-CoV-2, coronavirus, North India, Varanasi

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DR. G. NARAHARI SASTRY
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CSIR-NORTH EAST INSTITUTE OF
SCIENCE AND TECHNOLOGY


PROF. ALOK DHAWAN
DIRECTOR
CSIR-INDIAN INSTITUTE OF
TOXICOLOGY RESEARCH


DR. SHEKHAR C. MANDE
DIRECTOR GENERAL, CSIR
SECRETARY, DSIR, GOVT. OF INDIA

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GRADE: **A**

HOST INSTITUTE: **CSIR-NEIST**

MENTOR'S NAME: PROF. VANDANA RAI

REMARKS _____ MENTOR _____

Mentored 31 students in CSIR Summer Research Training Program (CSIR-SRTP)2020 Online SRTP



**CSIR-SUMMER RESEARCH TRAINING PROGRAM
(CSIR-SRTP)2020 ONLINE**



LETTER OF APPRECIATION

We thank you **DR. PRADEEP KUMAR** for your contribution to the success of the **CSIR-Summer Research Training Program (CSIR-SRTP) 2020 online** during June to August, 2020 coordinated by CSIR-NEIST, Jorhat

DR. G. NARAHARI SASTRY
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A handwritten signature in black ink, appearing to read 'M. Basumondal'.

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Dr. Naveen Kumar Vishvakarma
Assistant Professor, Department of Biotechnology

naveenvishva@gmail.com
+91-8319324464

Date: 20.06.2020

To
Drs. Rajesh Sharma, SP Tiwari, and Rishi Srivastava
Departments of Biotechnology and Microbiology
VBS Purvanchal University
Jaunpur-UP

Subject: Regarding Collaborative work with your team at VBS Purvanchal University

Dear All,

This letter intends to inform you about my interest in collaborative work with you all and, if possible, with other team members of research group on academic front as well as in R & D. This collaboration is expected to be advantageous for the beneficiaries from both the institutions.

To start with I confirm my participation in manuscript entitled '*Bacterial Cancer Therapy: Promising Role in the Treatment of Colon Cancer*'. I will contribute to this work in reviewing the current literature on impact of bacterial therapy in cancer especially in colon cancer along with writing part of the same. I am certain that with contribution of expertise at your end will lead to a very fruitful result.

Further, I will also like to extend the collaborative association by offering any kind of anticancer activity analysis, in vitro cell culture-based assays and bioactivity determination. As in my current position, as well as alumni of the VBS Purvanchal University, It will be my privilege to have academic and R & D Collaboration with you all.

I am eagerly looking forward for collaborative work.

With Regards

(Dr. Naveen Kumar Vishvakarma)

Dr. Naveen Kumar Vishvakarma
Assistant Professor
Department of Biotechnology
Guru Ghasidas Vishwavidyalaya,
Bilaspur (C.G.) 495009

Registrar
V.B.S. Purvanchal University
Jaunpur

Bacterial Cancer Therapy: Promising Role in the Treatment of Colon Cancer



Rishi Srivastava, Shweta Sonam, Naveen Kumar Vishvakarma, Rajesh Sharma, and Shree Prakash Tiwari

Abstract Bacterial colonization and subsequent inflammatory consequences have been associated with the onset of colon carcinogenesis. However, recent shreds of experimental evidence suggest that bacteria and their products can be implemented for therapeutic benefit in malignant disorders including those of colon origin. The use of bacteria or their components for antineoplastic therapy is known as bacterial cancer therapy. Limitations associated with conventional antineoplastic therapeutic approaches like surgery, chemotherapy, and radiotherapy include nonspecific toxicities, chemoresistance, and immunosuppression. Therefore, recently bacterial cancer therapy gained attraction among oncologists. A diverse range of mechanisms has been suggested for underlying antineoplastic activities of bacterial cancer therapy. Direct cytotoxicity to neoplastic cells and preferred colonization in the hypoxic core of tumors are few among suggested. Further, mobility of bacteria makes them independent of blood circulation, which is one of the major limitations for the delivery of chemotherapeutic agents to poorly vascularized regions of malignant tissues. Bacteria and their components also induce an anticancer immune response and elicit protective immunity to reduce the incidences of cancer. The living nature of bacteria makes them a suitable vector for the on-site production of metabolites having anticancer potential. Moreover, through genetic manipulation techniques, bacteria can be engineered to achieve optimal anticancer effects. Besides whole bacteria, their metabolites (enzymes, toxins, and others) also constitute component of bacterial cancer therapy which have a promising role in the therapeutic management of colon cancer. This chapter will discuss the potential application of bacterial cancer therapy in the clinical management of colon cancer along with their mechanisms. Prospects on improving the efficacy and eliminations of associated limitations are also discussed. Collectively, it is

R. Srivastava · S. Sonam · S. P. Tiwari (✉)
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Dr. Naveen Kumar Vishvakarma
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Date: 20.06.2020

To
Drs. Rajesh Sharma, SP Tiwari, and Rishi Srivastava
Departments of Biotechnology and Microbiology
VBS Purvanchal University
Jaunpur-UP

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With Regards


(Dr. Naveen Kumar Vishvakarma)

Dr. Naveen Kumar Vishvakarma
Assistant Professor
Department of Biotechnology
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Dhananjay Shukla
Naveen Kumar Vishvakarma
Ganji Purnachandra Nagaraju *Editors*

Colon Cancer Diagnosis and Therapy Vol. 3

 Springer

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Bacterial Cancer Therapy: Promising Role in the Treatment of Colon Cancer



Rishi Srivastava, Shweta Sonam, Naveen Kumar Vishvakarma,
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Abstract Bacterial colonization and subsequent inflammatory consequences have been associated with the onset of colon carcinogenesis. However, recent shreds of experimental evidence suggest that bacteria and their products can be implemented for therapeutic benefit in malignant disorders including those of colon origin. The use of bacteria or their components for antineoplastic therapy is known as bacterial cancer therapy. Limitations associated with conventional antineoplastic therapeutic approaches like surgery, chemotherapy, and radiotherapy include nonspecific toxicities, chemoresistance, and immunosuppression. Therefore, recently bacterial cancer therapy gained attraction among oncologists. A diverse range of mechanisms has been suggested for underlying antineoplastic activities of bacterial cancer therapy. Direct cytotoxicity to neoplastic cells and preferred colonization in the hypoxic core of tumors are few among suggested. Further, mobility of bacteria makes them independent of blood circulation, which is one of the major limitations for the delivery of chemotherapeutic agents to poorly vascularized regions of malignant tissues. Bacteria and their components also induce an anticancer immune response and elicit protective immunity to reduce the incidences of cancer. The living nature of bacteria makes them a suitable vector for the on-site production of metabolites having anticancer potential. Moreover, through genetic manipulation techniques, bacteria can be engineered to achieve optimal anticancer effects. Besides whole bacteria, their metabolites (enzymes, toxins, and others) also constitute component of bacterial cancer therapy which have a promising role in the therapeutic management of colon cancer. This chapter will discuss the potential application of bacterial cancer therapy in the clinical management of colon cancer along with their mechanisms. Prospects on improving the efficacy and eliminations of associated limitations are also discussed. Collectively, it is

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Naveen Kumar Vishvakarma
Ganji Purnachandra Nagaraju
Dhananjay Shukla *Editors*

Colon Cancer Diagnosis and Therapy

Volume 2

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Chapter 6

Role of Bacterial Infection (*H. pylori*) in Colon Carcinogenesis and Therapeutic Approaches



Prabhakar Singh, Shree Prakash Tiwari, Mohammad Murtaza Mehdi,
and Rajesh Sharma

Abstract The Gram-negative (–) bacterium *Helicobacter pylori* colonizes in the mucus gel layer above the gastric epithelium and has been considered to be a major etiologic factor in several gastric health complications including peptic ulcers, gastric MALT, gastritis, and gastric cancer in approximately 50% of the world's population. Besides inducing colon carcinogenesis, the bacterium shows to be associated with different extragastric disorders. Eradication of *H. pylori* is reported to reduce 33–47% of gastric cancer; however, treatment of *H. pylori* against colon cancer is less effective in older people. Several targets of *H. pylori* to induce colorectal carcinogenesis have been hypothesized, and an association of gastric *H. pylori* with colorectal adenomatous polyps (CAPs) has been experimentally revealed. CAPs are precancerous lesions of epithelial cells and lead to colorectal cancer (CRC) from the adenomatous stage. Pathway analysis decrypts the cascade mechanism of CAPs via inducing matrix metalloproteinase (MMP),

P. Singh

Department of Biochemistry, Faculty of Science, Veer Bahadur Singh Purvanchal University,
Jaunpur, Uttar Pradesh, India

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**T. M. BHAGALPUR UNIVERSITY,
BHAGALPUR-7**

Res/5800

Date 09/01/2020.

Prof./Dr. Manab Pandey, Head,
Dept. of Business Economics,
Jaunpur University, Jaunpur (U.P.)

Sir,

The Vice-Chancellor has been pleased to request you to act as an examiner to evaluate the Ph.D./D.Litt. thesis in the faculty of Science/Soc. Sc./Hum./Com./Law entitled The Impact of Horticulture marketing on the Economy of Bihar: A Critical Analysis.

of the (Scholar) Manika Kumari (Commerce)

A copy of the thesis is being sent to you for evaluation.

After going through the thesis if you feel that the candidate may be exempted from sitting at a written examination, this fact may kindly be specifically mentioned in your report.

You may also suggest as convenient date for conducting the Viva-Voce examination of the candidate. The remuneration fixed for evaluation the thesis is Rs. 700/-.

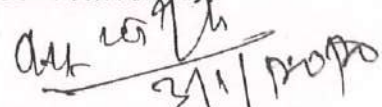
I would be very kind of you, if you could examine the thesis and send you sealed report in inner cover under Registered Post at your earliest preferably within a month.

The thesis may kindly be returned after evaluation.

Thanking you.


30/12/19

Yours faithfully,


31/1/2020

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Cc:.


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V.B.S. Purvanchal University
Jaunpur

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Dated: 18 FEB 2020

To,

1. Dr. Manas Pandey, (9422159818)
Dept. of Mgt. Studies,
VBS Purvanchal University,
Jaunpur - 222 001.

Dear Sir,

Sub: Ph. D thesis adjudication - dispatch of thesis - Reg.

- - x - -

Thank you for accepting the thesis for adjudication entitled "**Gold Exchange Evaluation**" submitted by **K. Suchitra** for the award of Ph.D Degree in **Commerce** by Osmania University.

You are requested to send the report within 45 days. The proforma consists three parts: part- I a detailed evaluation, part-II: a detailed report and part - III: final recommendation.

The Thesis may be returned by registered parcel. The postal charges incurred on account of this may be claimed in the remuneration bill by producing the original postal receipts.

The remuneration bill may be sent along with your evaluation report. The remuneration for the adjudication of the thesis is **Rs.1,500/-**. **Honorarium will be credited into your account by online.**

You have to send the Hard copy of the report by post and a soft copy may be mailed to confphd@osmania.ac.in.

Thanking You,

Yours Sincerely,

Addl. Controller of Examinations (C)

Enclosures:

1. A copy of the thesis.
2. A blank report pro-forma.
3. A remuneration bill form

Registrar
V.B.S. Purvanchal University
Jaunpur



Ranchi University, Ranchi

Fax : 0651-2214077, Phone : 0651-2204544

From: Controller of Examinations
Ranchi University, Ranchi

No. RU/Ex./ 8975-77

Date 07/03/2020

To,

Prof. (Dr.) Manas Pandey
Department of Commerce,
Purvanchal University, Jaunpur, (U.P)
Pin Code - 222003

**Sub: Appointment of examiner to evaluate the Ph.D. thesis submitted by
Om Prakash Paswan**

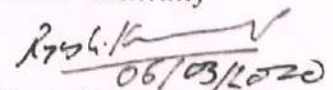
Sir/Madam,

The Vice-Chancellor has been pleased to appoint you as an examiner to evaluate the thesis entitled "A study of Motivational Practices on Human Resource Management in Public Sector Bank – A case study of state Bank of India, Ranchi city" submitted for the Ph.D. degree of this university. This may be noted that after evaluation of the thesis, the report is required in the prescribed performa attached herewith for your kind perusal. The remuneration for evaluation of the thesis is Rs. 2000/- (Rs. Two thousand).

You are therefore, requested to evaluate the thesis and submit the report at the earliest.

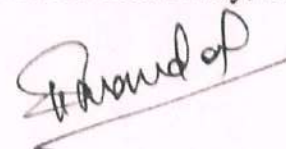
As you have been always pleased to extend your kind co-operation, this time also we look forward with gratitude for the same from your good self.

Yours faithfully


06/03/2020

Controller of Examinations
Ranchi University, Ranchi

Registrar
V.B.S. Purvanchal University
Jaunpur





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Ref No VBU/Ex- 2413 /2020

Date 24/8/2020

To

Prof.(Dr.) Manas Pandey, Head & Dean,
Dept. of Business Economics,
Faculty of Management Studies,
V.B.S. Purvanchal University, Jaunpur, (U.P.)

Sub. *To evaluate Ph.D thesis and submit report in format.*

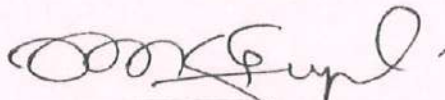
Sir Madam,

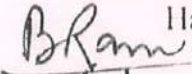
Enclosed please find one copy of Thesis entitled " Job Stress Management the Employees working in the Indian Financial sector : A case study of S.B.I. Bank Ranchi Region " of Ms. Sana Khalique, University Dept. of Business Management, V.B.U. Hazaribag.

Please return the same alongwith Thesis & report in a sealed cover within a fortnight from the receipt of this letter.

Yours faithfully,

Encl: 1. Thesis Book 01..
2. Synopsis01
3. Ph.D. Evaluation report format 01
4. Remuneration Bill 01


Controller of Examinations,
Vinoba Bhave University,
Hazaribag


24/8/2020

Note: 1. Please send Thesis alongwith the report.
2. Please clearly mention your Bank A/C No.
with IFS Code in Remuneration Bill for RTGS

in Ram/Ph.D. via voice letter


Registrar
V.B.S. Purvanchal University
Jaunpur

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Secretary to the Vice-chancellor

Ph. : 0121-2602104

No. SVC/Res/3248/1297

Dated : 22-9-2020

दि. 22-9-2020 को प्रेषित हरी
साकलिया पत्र की

Reference: Your letter No.....dated.....22-9-2020.....

Dear Dr.

I am delighted to express my gratitude for accepting the assignment for evaluation of a thesis on the topic entitled hence forth, which is being sent herewith.

"A STUDY OF SOCIAL MEDIA MARKETING PRACTICES AND ITS
IMPACT ON CONSUMER BEHAVIOUR"

ORDINANCE NO.19 : "the thesis submitted by the candidate must be original contribution to knowledge characterised either by the discovery of facts and their significance or by a new interpretation of facts or theories. In either case it should evince the candidate's capacity for critical examination and sound judgement. The candidate shall indicate how far the thesis embodies the results of his own observation, and in what respects his investigation appear in him to advance knowledge in this subject."

IMPORTANT INSTRUCTIONS :

- (1) Four copies of typed reports duly signed be sent to the undersigned.
- (2) Payment of Remuneration alongwith postal charges (supported by vouchers) is possible only when thesis is returned by Regd. Post immediately after evaluation of the thesis to the undersigned.

I once again request you to kindly evaluate the above thesis and send report to the undersigned at the earliest but not later than 3 months.

With best regards,

Encls :

1. A copy of thesis.
Abstract and Synopsis.
2. Remuneration Bill form.
3. Four copies of thesis report performa.

Yours sincerely

I/C (Res. - Eval.)

Secretary to the Vice-Chancellor officer
C.C.S. University, Meerut.

To,

PROF. MANAS PANDEY,
HEAD, FACULTY OF MANAGEMENT
STUDIES.....
JEEB BAHADUR SINGH PURVANCHAL
UNIVERSITY, JAUNPUR
(UP) - 222002

Registrar
V.B.S. Purvanchal University
Jaunpur

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Date: 05/12/2020

To,

PROF. MANAS PANDEY (EX005739)
DEPTT. OF BUSINESS ECONOMICS,
FACULTY OF MANAGEMENT STUDIES,
VBS PURVANCHAL UNIVERSITY,
JAUNPUR-221003

Ref. :- Candidate Name **RAJJAN PRASAD**
Subject **BUSINESS MANAGEMENT**
Degree of **Ph.D.**

Sir/Madam,

With reference to the above, the University is grateful to you for accepting to evaluate the thesis entitled :

ASSESSMENT OF MARKET POTENTIAL FOR SOLAR ENERGY PRODUCTS IN BUNDELKHAND REGION.

You are requested to evaluate the thesis and send the report expeditiously, preferably within 30 days from the receipt of the thesis. The report may please be sent as per enclosed proforma at the **Email Address : csjmu.academic@gmail.com.**

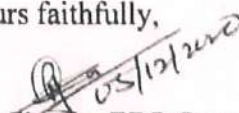
You are further requested to send back the evaluated thesis along with duly signed remuneration bill and a copy of the emailed report on the enclosed proforma to "**Officer-In-Charge, EDP Centre, Chhatrapati Shahu Ji Maharaj University, Kanpur**" under sealed cover by post.

In case you are approached with respect to the evaluation of the thesis, please informed on the above Email Address or by post.

Enclosures :

1. A copy of the thesis.
2. Proforma for Report.
3. Remuneration bill.

Yours faithfully,


Officer-In-Charge, EDP Centre
For Registrar

Note :

1. The remuneration of Rs. 1050/- will be paid for D.Sc./D.Lit. thesis and Rs. 750/- for Ph.D. thesis.
2. It is also requested that the evaluation report must be send within one month of the receiving of thesis.


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No. 42/SMS-P-07/DO-2020

Date: 30-12-2020

To

Prof. Manas Pandey,
Department of Business Studies,
Faculty of Management Studies,
Coordinator IQAC & RUSA
VBS Purvanchal University, Jaunpur
Uttar Pradesh

Subject: Evaluation of Ph.D. Thesis of Ms. Gunjan Tripathi titled "*Supply Chain Risk Management: An Empirical Study of Managing Supply Chain Disruptions in Indian Context*".

Respected Sir,

Many thanks for your prompt response and agreeing to evaluate the Thesis of Ms. Gunjan Tripathi, School of Management, titled "*Supply Chain Risk Management: An Empirical Study of Managing Supply Chain Disruptions in Indian Context*".

Please find attached herewith hard copy of the thesis. Also attached is Ph.D. Evaluation form and Guidelines for preparing detailed evaluation of the thesis.

We would appreciate if you could drop a line of acknowledgement on receiving it by e-mail. Please feel free to contact us if you have any further queries.

Thank you very much in advance.

Kind regards,

Encl.:

1. Ph.D. Thesis
2. Ph.D. Evaluation form
3. Guidelines
4. Undertaking for no relation
5. Honorarium Form

Yours sincerely,

(Abhinav Joshi)

PA to Vice-Chancellor

Registrar
V.B.S. Purvanchal University
Jaunpur

Director
CALEM AMU, Aligarh

From: "murad ali"<alimurad@rediffmail.com>
| This is spam

To: "Calem AMU
Aligarh"<calemhrdcamu@gmail.com>

Subject: Re: Schedule

Date: Thu, 28 Feb 2019 00:02:57 IST

To

The Director
CALEM
Aligarh Muslim University
Aligarh

Subject: Tentative dates for CALEM Programs at VBS Purvanchal University, Jaunpur.

Sir

The following are the tentative dates for CALEM Programs at VBS Purvanchal University, Jaunpur.

4 days program- From 26 to 29 March 2019

6 days program- From 23 to 29 April 2019

Thanking you

Yours faithfully

Dr. Murad Ali

Head

Department of Business Management

VBS Purvanchal University

Jaunpur-222 003

Mob: 9415980763

From: "Calem AMU Aligarh"<calemhrdcamu@gmail.com>


Registrar
V. B. S. Purvanchal University
Jaunpur

Sent: Wed, 27 Feb 2019 14:35:38 +0530

To: vc@manuu.ac.in, drtahseenbilgrami@drtahseenbilgrami@yahoo.co.in, hrcdmanuuhyd@manuu.edu.in,
Director Aligarh University Malappuram Centre director.amumc@gmail.com, "Dr. Senthil
Nathan" edutechsenthil@gmail.com, PSMO College mail@psmoccollege.ac.in, "Dr. AZEEZ K
PADANILAM" drkazeez@gmail.com, VMES vmes@islamiyahcollege.edu.in, Shine
Antony shinenas@gmail.com, principal.hasanathcollege@yahoo.co.in, Suhail
Iqbal principal.hasanathcollege@yahoo.in, suhail_iqbal63@yahoo.co.in, Haider
Yasmeen haider.yasmeen@gmail.com, Namrata
Sharma mailtons@gmail.com, sameer@keralauniversity.ac.in, sameer@curaj.ac.in, Majlis
College majliscollege@majliscomplex.org, "info ." info@aimspune.org, Atik Shaikh meetatik@gmail.com,
CRESCENT COLLEGE OF EDUCATION crescentce@yahoo.co.in, principal@meskvmcollege.org, IQAC
MESKVM iqac.meskvm@gmail.com, Zahid Husain captainzahid@gmail.com, nca1953@gmail.com, Syed
Aqeel Ahmad syedaqeelahmad@gmail.com, Director Academic Staff College directorasc@iul.ac.in, [murad
ali_alimurad@rediffmail.com](mailto:murad
ali_alimurad@rediffmail.com), "Professor Ramendra K. singh" singhramenk@yahoo.com, Prof Ramendra K
Singh rksinghsrk@gmail.com, Prof Ramendra K Singh singhramk@rediffmail.com,
University university@tmu.ac.in, Principal GF College principalgfcollege@gmail.com, "prof.lokesh
verma" drkverma@gmail.com, anjali.bajpai68@yahoo.co.in, Naghma
Javed naghmajavedmidhat@gmail.com, abbasi college abbasicollege786@gmail.com, Nihal Uddin
Siddiqui siddiquinu@gmail.com, Kaliachak College kaliachak.college@gmail.com, Director Murshidabad
Centre director.amucm@gmail.com, "Dr. Syed Atif
Jilani" jilani.atif@gmail.com, stephenvivekeducation@gmail.com, Suresh
Singh drsureshvivek1975@gmail.com, tulika_28@yahoo.com, Mohd Arshad
Bari arshadbari.bari@gmail.com, shireeshsingh1982@gmail.com,
MANOJ SAXENA drmanojksaxena@gmail.com, mksaxena@cuhimachal.ac.in
Subject: Schedule

Dear all,

Many thanks for your positive response to our request for organizing
CALEM Training Programme at your institution.

Kindly send us the dates of the CALEM programme which you
propose to do between March and April 2019 latest by Friday 28
February 2019.

If you have already sent your schedule, please ignore this mail.

Looking forward to seeing you at the meeting soon.

With regards,

Sincerely,

Professor A.R. Kidwai
Director

Registrar
V.B.S. Purvanchal University
Jaunpur

>

Centre of Academic Leadership and Education Management



Aligarh Muslim University, Aligarh

Under the scheme of

Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)
(MHRD, Govt. of India)

S.N./2018-19/939

Training Programme on Academic Leadership

This is to certify that

Dr./Mr./Ms. Pradeep Kumar Incharge

(Bio-Informatic Lab), Dept. of Biotechnology, VBS Purvanchal University, Jaunpur (UP)

participated in the 04 Days Training Programme on Academic Leadership from
26 March to 29 March 2019 at VBS Purvanchal University, Jaunpur (UP)


Course Coordinator


Project Coordinator

Centre of Academic Leadership and Education Management

Aligarh Muslim University, Aligarh

Under the scheme of



Pandit Madan Mohan Malaviya National Mission on Teachers and Teaching (PMMMNTT)
(MHRD, Govt. of India)

S.N./2018-19/1908

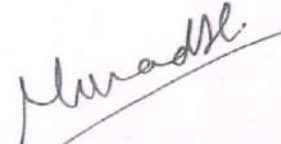
Training Programme on Academic Leadership

This is to certify that

Dr./Mr./Ms. Pradeep Kumar *Member (Executive Council)*

Department of Biotechnology, VBS Purvanchal University, Jaunpur (UP)

participated in 06 Days Training Programme on Academic Leadership from 23 April to 29 April 2019 at VBS Purvanchal University, Jaunpur (UP)


Course Coordinator


Project Coordinator

Approval/Nomination Letter

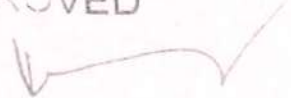
Director/Coordinator-TEQIP-III

Sir,

In reference to the communication received from PES Collage of Engineering Mandya on "Collaborative research" at Mysore from 19th to 20th August 2019 the 5 faculty member nominated to attend the workshop.

1. Prof BB Tiwari (Electronics Engineering) H.O.D.
2. Dr. Rajnish Bhasker (Electrical Engineering) H.O.D.
3. Dr. Amarendra ku. Singh (Chemistry) H.O.D.
4. Dr. Raj Kumar (Mathematics Dept.) H.O.D.
5. Dr. Santosh Kumar (Physics Dept) H.O.D.

APPROVED



Sign

Prof. BB Tiwari
Coordinator TEQIP-III


Registrar
V.B.S. Parvanchal University
Jaunpur

ENGINEERING, MADHYA PRADESH, KARNATAKA

Autonomous Institution under VTU, Belgavi and N B A Accredited;
ON QUALITY IMPROVEMENT PROGRAMME (TEQIP) CELL



Phone: Office: 08232-220043
Mobile: +9199860 25372
Fax: 08232-222075
E-mail: mailhovera@gmail.com



Date:.....22.07.2019

any symposium will be communicated in due course.

Institutions are hereby requested to kindly forward the details of your institutions for our information.

and Accommodation expenses to be taken care by the institutions. Further, the accommodation is also available at Preethi International, Mysore (preethiinternational.com) with prior booking for participants at discounted price.

Regarding the Symposium, hereafter, you can kindly contact; 9986515835). Prof. & Head, Dept. of IS&E, PESCE, Madhya Pradesh; Ph: 9886160070), Professor, Dept. of CS&E, PESCE, Madhya Pradesh

Information on Collaborative Research Presentation Slides shall include;

- Number of Research guides, scholars
- Publications in Journals in the last 3 years (Last 3 years AY 2016-17, 2017-18, 2018-19)
- Specify how many journals are indexed by Scopus / Web of Science / Indian Council of Scientific Information (ICI)
- Research projects (Last 3 years AY 2016-17, 2017-18, 2018-19) details
- Intellectual property rights filed
- Centre of Excellence or Research labs in the institute
- Existing research work in the institute.
- Existing collaborative research work with industry or other institutes (if any)
- Research areas which the institute is planning to collaborate with Metee Ment

22/7/19

TEQIP Director
Department of Engineering,
Maddur, Karnataka, India

Regd. Member
V.B.S. Purvanchal University
Jaunpur

COLLEGE OF ENGINEERING MANDYA

Govt Aided PU/PE Add. Uves. Engineering - 571 011 - 2019
TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME (TEQIP) CELL

TEQIP

Phone: 08232-22045
Mobile: +919986625172
Fax: 08232-22114
E-mail: mandya@pau.ac.in

TEQIP

Ref: PESCE/TEQIP/

Date: 22.07.2019

Dear Sir,

Greetings from PES College of Engineering, Mandya !!!

As per mail sent by SPIU/DTE, dated 12th July, 2019, **P.E.S. College of Engineering, Mandya in collaboration with SPIU, Karnataka**, and in association with SJCE, Mysore, NIE, Mysore & MCH, Hassan, will be hosting "**Symposium on Collaborative Research**" among TEQIP 1.3 Institutions of Karnataka and its respective TEQIP 1.1 Mentee Institutions on 19th & 20th August, 2019 at "**Hotel Preethi International**", Mysore (Very near to Central Bus Stand, Railway Station and 20 kms from Mysore Airport). The Director of Technical Education and SPIU Karnataka- Bangalore, has communicated in the mail/letter on 12th July that, Prof. (Dr.) P M Khodke, Central Project Advisory, NPII, New Delhi, will be invited as the Chief Guest for the function/Symposium.

In this context, following are the guidelines for Mentor & Mentee institutions to register and participate for the 2 day symposium.

- Mentor institutes are requested to communicate the details, to their respective Mentee institutes. It is the responsibility of the Mentor institutes to ensure Mentee institutes to register and participate positively.
 - Mentee institutes are requested communicate with their respective Mentor institute, to nominate members, make the payment and prepare for presentation. Mentor institute will be the point of contact for Mentee institutes.
- Mentor/Mentee institutes are requested to nominate a maximum of 4 - 5 members to participate from their institute. Members could be Principal, TEQIP coordinator, Dean- Research, senior faculty members, proficient in research related activities
- A Registration fee of **Rs.10,000-00** per institute need to be paid through NEFT. Amount need be transferred to following account:
 - Bank: State Bank of India
 - Branch: Kyanatngere Layout Branch
 - A/c Name: The Principal, IRG, PESCE, Mandya.
 - A/c No. 35739797109, IFSC: SBIN0007965
- During the 2 day symposium, Mentor and respective Mentee institutes are requested to deliver (Mentor followed by Mentee Institutes separately) a presentation for about 25 mins, followed by 15 minutes of interaction. The probable outline for the slides presentation during the Symposium is given below in this letter.
- Once the payment is completed, Mentor/Mentee institutes are requested to register in the following Link: <https://forms.gle/KV14V9EGJN2hq5tUS> On or before August 10th 2019

Registrar
V.B.S. Purvanchal University
Jaunpur



Technical Education Quality Improvement
Programme (TEQIP-III)

TEQIP

Uma Nath Singh Institute of Engineering & Technology
VBS Purvanchal University, Jaunpur- 222003

04.08.2019

Date

IET/TEQIP/2019-140

Ref No.

Professor BB Tiwari

Director/Co-ordinator TEQIP- III

Mobile: 9161368540, 8318439395

E-mail: bbtiwari62@gmail.com

To
The Principal, IRG, PESCE,
Mandya

Subject: : Payment against Symposium on Collaborative Research at
Mysore during 19th to 20th August-2019

M K Singh

Nodal Officer (F)

Mobile: 9935007850

E-Mail: mk299singh@gmail.com

Dear Sir,

A program Symposium on Collaborative Research at Mysore is being organised by PES College of Engineering Mandya during 19th to 20th August-2019. 1. Prof. BB Tiwari, 2. Dr. Dr. Rajnish Bhasker, 3. Dr. Amarendra Ku Singh, 4. Dr. Raj Kumar & 5. Dr. Santosh Kumar will be attending at. A registration fee of Rs.10,000/- each total 5 person= Rs. 50,000/- be kindly released as per account details enclosed.

r. Rajnish Bhasker

Nodal Officer (P)

Mobile: 9451373593

Mail: rajb_33@rediffmail.com

Prepared By

Approved By

Anil Kumar Maurya
Project Officer- TEQIP-III

Prof. BB Tiwari
Coordinator TEQIP-III

Santosh Kumar

Nodal Officer (A)

Mobile: 952574675

skumarpu@rediffmail.com

Note: Total Payable Amount = Rs. 50,000/-

Registrar
V.B.S. Purvanchal University
Jaunpur

To
Mr. Deepak Kumar Singh
Assistant Professor
UNSIET VBS Purvanchal University
Jaunpur.

Subject: Payment against attending collaborative Research on November 05 2019 at Guru Jambheshwar University of Science & Technology Hisar Haryana.

Dear Sir,

A program on collaborative Research on November 05 2019 at Guru Jambheshwar University of Science & Technology Hisar Haryana. For which the expenditure to the tune of Rs. 4,345 - has incurred by Mr. Deepak Kumar Singh. Kindly released the payment against expenditure

Prepared By



Anil Kumar Maurya
Project Officer- TEQIP-III

Approved By



Prof. BB Tiwari
Coordinator TEQIP-III

Note: Total Payable Amount = Rs. 4,345/-



Guru Jambheshwar University
of Science & Technology Hisar - Haryana (India)

In Haryana State Government University, Accredited 'A' Grade by UGC
Established by Haryana State Legislative Act No 17 of 1986 & Recognized by UGC Act 1956 (12-B & 3F)

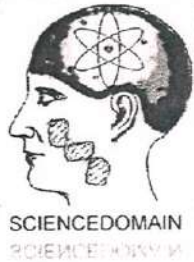


Date: 5.11.24

To whom it concerns

Prof. B B Tiwari & Shri Deepak Kumar Singh visited Deenbandhu Chhotu Ram University of Science and Technology, formerly Chhotu Ram State College of Engineering, Murthal, Sonapat, Haryana institute in connection with collaborative research in the area of Fiber Optics & Optical Communication, etc on November 05, 2019 where we had organised a joint meet with faculty of Guru Jambheshwar University of Science and Technology, Hisar - Haryana, Deenbandhu Chhotu Ram University of Science and Technology, formerly Chhotu Ram State College of Engineering, Murthal, Sonapat, Haryana and IIT (Delhi) Murthal campus. Fruitful discussions were made to make dent in future.

(Dr. Ajay Shankar)
Coordinator



Journal of Advances in Medicine and Medical Research



2019

Certificate No: SDI/HQ/PR/Cert/6614/PRA

Certificate of Excellence in Reviewing

awarded to

Pradeep Kumar

VBS Purvanchal University, Jaunpur, 222003, (UP)- India

in recognition of an outstanding contribution to the quality of the journal.

Dr. M Basumondal
Chief Managing Editor

SCIENCEDOMAIN International

Registered office

India (Editorial office & HQ): Guest House Road, Street no - 1/6, Tarakeswar, Hooghly, West Bengal, PIN-712410, India, Corp. Firm Registration Number: L77527, Fax: +91 11-66173993, Email: contact@sciencedomain.org

UK: Third Floor, 207 Regent Street, London, W1B 3HH, UK, Company Registration Number: 8988029, Fax: +44 20-3031-1429, Email: contact@sciencedomain.org

USA: One Commerce Centre, 1201, Orange St. # 600, Wilmington, New Castle, Delaware, USA, Corporate File Number: 5049777, Fax: +1 302-397-2050, Email: contact@sciencedomain.org

Professor Vandana Rai and Professor Pradeep Kumar, Department of Biotechnology VBS
Purvanchal University Jaunpur with Dr. Shailendra Dwivedi, Assistant Professor, Department
of Biochemistry, AIIMS, Gorakhpur.

E-mail: tarang2016@gmail.com
drshailendrad@aiimsgorakhpur.edu.in

Mobile: +91800399687
+91 9450286279



All India Institute of Medical Sciences, Gorakhpur-273008 (INDIA)
DEPARTMENT OF BIOCHEMISTRY
अखिल भारतीय आयुर्विज्ञान संस्थान गोरखपुर -२७३००८
जैव रसायन विभाग

Dr. Shailendra Dwivedi

MSc., PhD, Post-Doc

सहायक आचार्य
Assistant Professor

Ref/No: AIIMS/Biochem/2019/77
Date: 19/12/2019

Human Molecular Genetics Laboratory
Department of Biotechnology,
VBS Purvanchal University, Jaunpur-222003
Uttar Pradesh, India

Dear Professors

Dr. Vandana Rai & Dr. Pradeep Kumar
Department of Biotechnology,

Greetings

The purpose of this letter is to confirm my interest in a collaboration on the research project entitled "Association between genetic variants of folate-metabolizing enzymes and risk of prostate cancer". In particular, we will explore the role of gene polymorphisms of Folate metabolizing enzymes in the development and progression of prostate carcinoma.

I will be able to contribute 100% of my effort to this work basically to the recruitment of patients and related information with the help of our clinical faculty. Also, extraction of DNA will also be performed in our molecular laboratory. The remaining work of experimentations and analysis will be contributed by the Department of Biotechnology, VBS Purvanchal University. Our group would be delighted to help your group with any necessary advice or training required to implement your planned studies. I will provide scientific input and mentoring.

We would supply the requested research materials and technical expertise not only to you but also to other interested and qualified parties for the research purposes of your institute.

I look forward to working with you on this collaboration.

Sincerely,

(Dr. Shailendra Dwivedi)

डॉ. शैलेंद्र द्विवेदी / Dr. Shailendra Dwivedi
सहायक आचार्य / Assistant Professor
जैव रसायन विभाग / Department of Biochemistry
अखिल भारतीय आयुर्विज्ञान संस्थान, गोरखपुर-२७३००८
All India Institute of Medical Sciences, Gorakhpur-273008

Registrar
V.B.S. Purvanchal University
Jaunpur

Folate (*MTHFR* C677T and *MTRR* A66G) gene polymorphisms and risk of prostate cancer: a case-control study with an updated meta-analysis

Upendra Yadav¹, Pradeep Kumar¹, Shailendra Dwivedi², Bhupendra Pal Singh³, Vandana Rai^{1*}

¹Human Molecular Genetics Laboratory, Department of Biotechnology,
VBS Purvanchal University, Jaunpur (UP)- 222 003, India

²Department of Biochemistry,
All India Institute of Medical Sciences, Gorakhpur (UP)- 273 008, India

³Department of Urology,
King George Medical University, Lucknow (UP)- 226 003, India

*Corresponding author: raivandana@rediffmail.com

Abstract

Introduction: Methylene tetrahydrofolate reductase (*MTHFR*) and methionine synthase reductase (*MTRR*) are the key enzymes of the folate pathway, which involved in the DNA methylation. DNA methylation may affect the stability and integrity of DNA, that supposed to play a pivotal role in carcinogenesis. So, we aimed to investigate the association of *MTHFR* C677T and *MTRR* A66G gene polymorphisms with susceptibility to prostate cancer in North Indian population. We also performed meta-analyses of published literatures on these polymorphisms to evaluate their association with prostate cancer.

Methods: We genotyped *MTHFR* C677T and *MTRR* A66G gene polymorphisms in 147 prostate cancer cases and 147 healthy controls using PCR-RFLP methods. Odds ratios (ORs) with 95% confidence intervals (CIs) were estimated for risk estimation. For meta-analysis different databases were searched and all statistical analysis were performed using Open Meta-Analyst software.

Results: The present case control study revealed that the T allele (OR= 1.67; 95% CI: 0.99-2.84, p= 0.05), CT genotype (OR= 1.92; 95% CI: 1.06-3.48, p= 0.02), and dominant (TT+CT) model (OR= 1.85; 95% CI: 1.05-3.30, p= 0.03) of *MTHFR* C677T gene polymorphism and G allele (OR= 1.92; 95% CI: 1.35- 2.73, p= 0.0002) of *MTRR* A66G gene polymorphism were significantly associated with prostate cancer susceptibility. Meta-analyses of *MTHFR* C677T and *MTRR* A66G gene polymorphisms showed no significant association between these polymorphisms and prostate cancer risk in overall or in subgroup meta-analysis stratified by ethnicity.

Conclusion: *MTHFR* C677T and *MTRR* A66G gene polymorphisms seem to play a significant role in prostate cancer susceptibility in North Indian population, while results of meta-analysis revealed no association between *MTHFR* C677T and *MTRR* A66G gene polymorphisms and prostate cancer susceptibility.

Keywords: *MTHFR*; *MTRR*; polymorphism; PCR-RFLP; meta-analysis.



Registrar
V.B.S. Purvanchal University
Jaunpur

Collaborative work on Research Paper - Report

Collaboration of

Dr. Kajal Kumar Dey

Scientist/Assistant Professor, Centre for Nanoscience & Technology, Prof. Rajendra Singh (Rajju Bhaiya) Institute of Physical Sciences for Study and Research, VBS Purvanchal University, Jaunpur
Email: itstiyash@gmail.com

Collaboration with

Professor Pravin P Ingole

Professor, Department of Chemistry, IIT Delhi
Email: ppingole@gmail.com , ppingole@chemistry.iitd.ac.in

On the Research Paper titled

BiVO₄ Optimized to Nano-Worm Morphology for Enhanced Activity towards Photoelectrochemical Water Splitting

Published in

Journal of Materials Chemistry A

This document contains various email communications between the authors regarding various aspects of the manuscript along with the initial page of the published article.

DMS

M
Registrar
V.B.S. Purvanchal University
Jaunpur



Dr. Kajal Dey <itstiyash@gmail.com>

BiVO4 revised MS

4 messages

Kajal Dey <itstiyash@gmail.com>
To: Pravin Ingole <ppingole@gmail.com>

Sun, Jul 7, 2019 at 8:48 PM

Sir,
PFAs. Let me know what do you think.

Thanks & Regards
Kajal Dey
Senior Research Fellow
Electron and Ion Microscopy Section
National Physical Laboratory
N delhi-110012

9 attachments

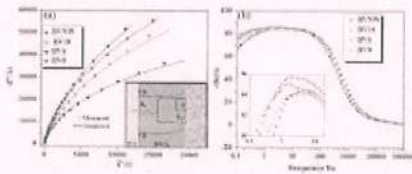


Figure 7 EIS.jpg
292K

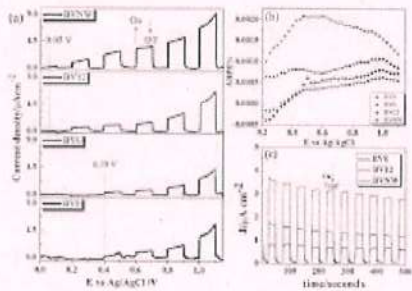


Figure 6 Isv-efficiency-i-t.jpg
407K

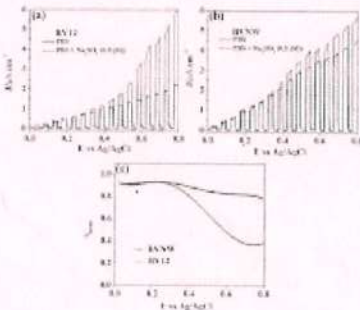


Figure 9 transport efficiency.jpg
371K

Dre

Registrar
V.B.S. Purvanchal University
Jaunpur

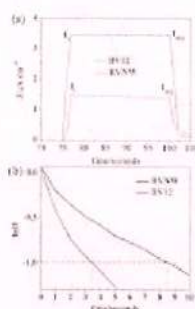


Figure 10 Transient time.jpg
228K



Figure 3 TEM-Growth.jpg
2591K

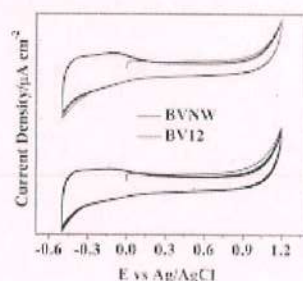


Figure 11 CV.jpg
961K



Revised MS.docx
6876K



Response to the Reviewers.docx
23K



SI.docx
5670K

Pravin Ingole <ppingole@gmail.com>
To: Kajal Dey <itstiyash@gmail.com>

Mon, Jul 8, 2019 at 4:16 PM

Thanks,

The revised version looks good to me. I shall submit it by tonight or latest by tomorrow morning.

One doubt regarding authorship. Do you want to include Dr. Rajendra Singh in the author list or you want to add another affiliation to your name? The way it was written is not clear to me. I think you want to put Rajendra Singh in the author's list. right?. I am attaching the revised MS for your reference.

Best,

Best,

Dr. Pravin Popinand Ingole
Associate Professor,
Department of Chemistry,
Indian Institute of Technology Delhi,
Hauz Khas, New Delhi 110016. India.
Phone: 011 2659 7547.


Registrar
V.B.S. Purvanchal University
Jaunpur

2/26/23, 10:43 PM

Gmail - BiVO4 revised MS

<https://sites.google.com/view/pravin-ingole/home>

[Quoted text hidden]

 **Revised MS.docx**
5426K

Kajal Dey <itstiyash@gmail.com>
To: Pravin Ingole <ppingole@gmail.com>

Mon, Jul 8, 2019 at 4:36 PM

"Do you want to include Dr. Rajendra Singh in the author list or you want to add another affiliation to your name? The way it was written is not clear to me. I think you want to put Rajendra Singh in the author's list. right?"

No. Rajendra Singh is the name of the institute just as it is written in the revised MS I sent you. No need to change it.

Thanks & Regards

[Quoted text hidden]

--

[Quoted text hidden]

Pravin Ingole <ppingole@gmail.com>
To: Kajal Dey <itstiyash@gmail.com>

Mon, Jul 8, 2019 at 4:44 PM

Ok, will do that.

Pravin Popinand Ingole

[Quoted text hidden]


Registrar
V.B.S. Purvanchal University,
Jaunpur





Dr. Kajal Dey <itstiyash@gmail.com>

Fwd: Decision on submission to Journal of Materials Chemistry A - TA-ART-07-2019-007353

2 messages

Pravin Ingole <ppingole@gmail.com>
To: Kajal Dey <itstiyash@gmail.com>

Wed, Aug 7, 2019 at 10:49 AM

Dear Kajal,
Referee 1 wants to know the percentage of worm-like morphology in the whole sample? and Referee 1 wants us to cite few more references. Please do the needful at your earliest convenience.

Best regards,

Dr. Pravin Popinand Ingole
Associate Professor,
Department of Chemistry,
Indian Institute of Technology Delhi,
Hauz Khas, New Delhi 110016. India.
Phone: 011 2659 7547.
<https://sites.google.com/view/pravin-ingole/home>

----- Forwarded message -----

From: **Journal of Materials Chemistry A** <onbehalf@manuscriptcentral.com>
Date: Wed, Aug 7, 2019 at 5:03 AM
Subject: Decision on submission to Journal of Materials Chemistry A - TA-ART-07-2019-007353
To: <ppingole@chemistry.iitd.ac.in>

07-Aug-2019

Dear Dr Ingole:

Manuscript ID: TA-ART-07-2019-007353
TITLE: BiVO₄ Optimized to Nano-Worm Morphology for Enhanced Activity towards Photo-electrochemical Water Splitting

Thank you for your submission to Journal of Materials Chemistry A, published by the Royal Society of Chemistry. I sent your manuscript to reviewers and I have now received their reports which are copied below.

After careful evaluation of your manuscript and the reviewers' reports, I will be pleased to accept your manuscript for publication after revisions.

Please revise your manuscript to fully address the reviewers' comments. When you submit your revised manuscript please include a point by point response to the reviewers' comments and highlight the changes you have made. Full details of the files you need to submit are listed at the end of this email.

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I look forward to receiving your revised manuscript.

Yours sincerely,
Professor Li-Zhu Wu
Associate Editor, Journal of Materials Chemistry A
MaterialsA@rsc.org

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REVIEWER REPORT(S):

Referee: 1

Comments to the Author

Manuscript ID: TA-ART-07-2019-007353

BiVO₄ Optimized to Nano-Worm Morphology for Enhanced Activity
towards Photoelectrochemical Water Splitting

The authors have carried out useful experiments. The introduction has been substantially changed to improve the manuscript. Comment 5 has been addressed partially suggesting that the worm like particles are single crystalline but the sample as a whole is polycrystalline. If this is true, then what is the percentage of worm like morphology in the whole sample?

Referee: 2

Comments to the Author

In the revised manuscript, the authors have solved all the questions raised by the reviewer. I recommend the present manuscript to be published in JMCA after the following minor revision.

1. The end of the sentence in page 16, "or they can also act as facilitator for hole transfer and thus act as aiding states for water oxidation.." has two full stops. They should delete one.
2. Some relevant references about BiVO₄ should be cited. For example, "Adv. Energy Mater. 2017, 7, 1701536", "Adv. Funct. Mater. 2019, 29, 1808079", "J. Am. Chem. Soc. 2018, 140, 3250-3256".

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Kajal Dey <itstiyash@gmail.com>
To: Pravin Ingole <ppingole@gmail.com>

Mon, Aug 12, 2019 at 8:03 AM

Sir,
PFAs

Regd
V.B.S. Purvanchal University
Jaunpur

2/26/23, 10:44 PM

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Thanks & Regards

[Quoted text hidden]

--

Kajal Dey


Senior Research Fellow

Electron and Ion Microscopy Section


National Physical Laboratory

N delhi-110012


3 attachments

 **Response to Reviewer Comments new.docx**
15K

 **Revised MS.docx**
6874K

 **SI.docx**
5791K

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Dr. Kajal Dey <itstiyash@gmail.com>

Fwd: Decision on submission to Journal of Materials Chemistry A - TA-ART-07-2019-007353.R1

3 messages

Pravin Ingole <ppingole@gmail.com>

Sun, Aug 18, 2019 at 10:43 AM

To: Kajal Dey <itstiyash@gmail.com>, SONIYA KUMARI <soniya30may1993@gmail.com>

Finally, a positive news.
Congratulations to both of you.

Best wishes,

Pravin Popinand Ingole

----- Forwarded message -----

From: **Journal of Materials Chemistry A** <onbehalf@manuscriptcentral.com>

Date: Sun, 18 Aug 2019 10:27

Subject: Decision on submission to Journal of Materials Chemistry A - TA-ART-07-2019-007353.R1

To: <ppingole@chemistry.iitd.ac.in>

18-Aug-2019

Dear Dr Ingole:

Manuscript ID: TA-ART-07-2019-007353.R1

TITLE: BiVO₄ Optimized to Nano-Worm Morphology for Enhanced Activity towards Photoelectrochemical Water Splitting

Thank you for your submission to Journal of Materials Chemistry A, published by the Royal Society of Chemistry. I sent your revised manuscript to reviewers and I have now received their reports which are copied below.

After careful evaluation of your revised manuscript and the reviewers' reports, I will be pleased to accept your manuscript for publication after further revisions.

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I look forward to receiving your revised manuscript.

Yours sincerely,
Professor Li-Zhu Wu
Associate Editor, Journal of Materials Chemistry A
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REVIEWER REPORT(S):

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The revised manuscript may be published. It is, however, desirable that the authors reduce the number of figures.

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Kajal Dey <itstiyash@gmail.com>
To: Pravin Ingole <ppingole@gmail.com>

Sun, Aug 18, 2019 at 1:05 PM

Sir
Can we add another name to the author's list? Or is it too late for that?

[Quoted text hidden]

--

Kajal Dey
Senior Research Fellow
Electron and Ion Microscopy Section
National Physical Laboratory
N delhi-110012

Kajal Dey <itstiyash@gmail.com>
To: Pravin Ingole <ppingole@gmail.com>

Sun, Aug 18, 2019 at 6:58 PM

Sir,
Here are the necessary files (revised MS, SI, response to reviewers and Figures & Schemes)
I have added one author here. Since the MS is technically not yet accepted so I guess that should not be an issue.

Let me know if anything else is required.

Thanks & regards

[Quoted text hidden]

15 attachments



Figure 1 MT-TEM.jpg
426K

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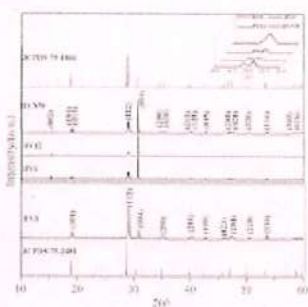


Figure 2 xrd.jpg
1446K

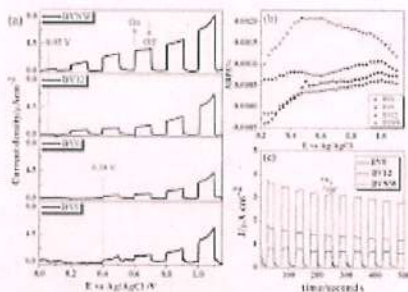


Figure 5 Isv-efficiency-i-t.jpg
407K



Figure 3 TEM-Growth.jpg
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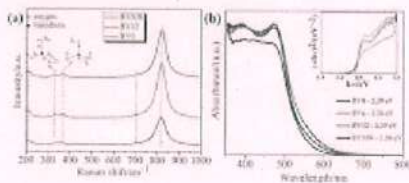


Figure 4 Raman & Absorbance.jpg
551K

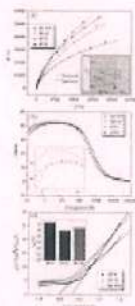
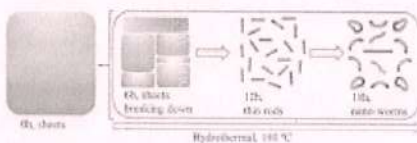


Figure 6 EIS & M-S.jpg
603K



Scheme 1-morphology evolution.jpg
248K

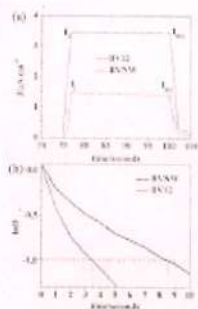


Figure 8 Transient time.jpg
228K



Scheme 2 Overall mechanism.jpg
432K

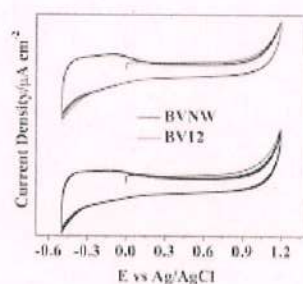


Figure 9 CV.jpg
961K

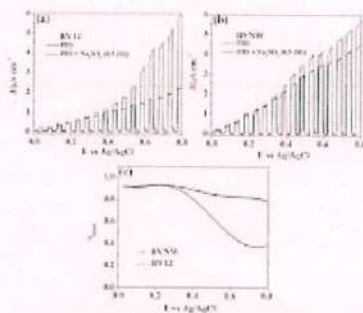
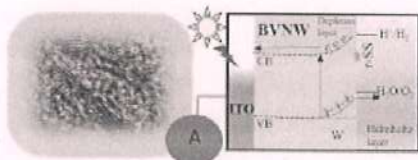


Figure 7 transport efficiency.jpg
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Graphical TOC.jpg
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Cite this: *J. Mater. Chem. A*, 2019, 7, 21207

BiVO₄ optimized to nano-worm morphology for enhanced activity towards photoelectrochemical water splitting†

Kajal Kumar Dey,^{ab} Soniya Gahlawat^a and Pravin P. Ingole^{ib}*^a

The article reports the preparation of unique worm-like BiVO₄ nanoparticles through hydrothermal treatment of scheelite tetragonal BiVO₄ obtained by a simple precipitation method. The as-obtained nano-worms were ~3–6 nm in width and ~12–20 nm in length. Their time dependent growth evolution was studied *via* transmission electron microscopy and coupled with our observations from the XRD analysis a growth-morphology-mechanism was proposed. The as-obtained BiVO₄ nanoparticles were deposited on an ITO coated glass substrate and the resultant films were investigated for efficiency in photoelectrochemical water splitting. The BiVO₄ nanoworms outperformed all the other BiVO₄ structures obtained at different times of growth evolution by having both the highest anodic photocurrent densities and the lowest onset potential. Subsequent EIS and Mott–Schottky analysis revealed comparatively low interfacial charge transfer resistance and a cathodic shift in the flat band potential of the nanoworms led to their better photoelectrochemical performance. Our analysis indicates that a decrease in resistive photoelectron trapping surface states associated with the BiVO₄ nanoworms leads to their excellent photoelectrochemical activity.

Received 8th July 2019
Accepted 19th August 2019DOI: 10.1039/c9ta07353a
rsc.li/materials-a

1. Introduction

Over the last few decades, since the pioneering demonstration of photoelectrochemical (PEC) water splitting by Fujishima and Honda,¹ hydrogen (H₂) produced *via* solar water splitting has gained tremendous attention among the scientific community as a potential renewable and carbon-free energy carrier.^{2–5} Photo water splitting can, in principle, adopt two different mechanisms where solar light is utilized in aiding electrolyzing water. One mechanism can involve a coupled solar cell-water electrolysis system, but efficiency lost between the two component systems and high installation cost make it a mediocre commercial option. Photoelectrochemical (PEC) procedures provide an alternative and economically viable route where the functions of a solar cell and electrolyzers are integrated in a single device.^{6,7} In a typical PEC cell, a light absorbing semiconductor electrode is irradiated by incoming photons of energy equal to or higher than its band gap to generate electron–hole pairs that carry out the water reduction–oxidation process on the surface of the electrode. O₂ evolution or water

oxidation which involves a four-hole transfer process, is considered to be the rate determining step of PEC water splitting. Thus, most of the research in the field of PEC water splitting has focused on PEC water oxidation.^{8,9}

The selection of the semiconducting material is of paramount importance in order to fabricate an effective electrode. The chosen material should have an appropriate band gap (~2.0 eV, to cover the water dissociation energy of 1.23 eV and associated loss of potential), strong visible light absorption, a suitable band edge position in order to carry out the water oxidation and reduction reactions (valence band (VB) maxima ≥1.23 V *vs.* Reversible Hydrogen Electrode (RHE) for the oxidation reaction; conduction band minima ≤0 V *vs.* RHE for the reduction reaction), chemical, electrochemical and photostability in aqueous medium, fast charge carrier (electron and hole) transport properties and low cost, just to name a few essential qualities.^{6,10} Among the many semiconducting materials reported in the literature, scheelite BiVO₄ satisfies most of those criteria mentioned above. It absorbs a substantial portion of visible light with a relatively small optical band gap of ~2.4–2.5 eV.^{11,12} It has a very favorable band edge position where the conduction band (CB) edge is close to the thermodynamic redox potential of the H⁺/H₂ reaction resulting in BiVO₄, reportedly, having the lowest onset potential for the oxygen evolution reaction among n-type semiconducting materials having small enough band gaps to absorb visible light.² It is non-toxic in nature and is fairly stable against both photoelectrochemical and chemical corrosions in aqueous medium, particularly

^aDepartment of Chemistry, Indian Institute of Technology Delhi, New Delhi 110016, India. E-mail: ppingole@chemistry.iitd.ac.in; Fax: +91 11 2658 1102; Tel: +91 11 2659 7547

^bRajendra Singh Institute of Physical Sciences for Studies and Research, V. B. S. Purvanchal University, Jaunpur 222003, India

† Electronic supplementary information (ESI) available. See DOI: 10.1039/c9ta07353a



**Indian Council of Agricultural Research-
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Village Kushmaur, Mau Nath Bhanjan, Uttar Pradesh, India 275101
www.nbaim.org.in e.mail: nbaimicar@gmail.com

November 1, 2019

To,
Dr. S.P. Tiwari,
Departments of Microbiology,
VBS Purvanchal University Jaunpur

Subject: Collaboration for research and publication

Dear Dr. Shree Prakash Ji

I am thankful to you for our active collaboration for publishing the book Microbes for Climate Resilient Agriculture from John Willey & Sons. Further the collaboration continues for research publication and research in the area of Endophytes and diversity analysis.

Your expertise in isolation and characterization of endophytic species from plant shall be mutually beneficial to both of the institutions.

With Regards,

Alok K. Srivastava
Pr. Scientist/I/c PME

Registrar
V.B.S. Purvanchal University
Jaunpur

Microbes *for* Climate Resilient Agriculture

Edited by

Prem Lal Kashyap • Alok Kumar Srivastava

Shree Prakash Tiwari • Sudheer Kumar



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Library of Congress Cataloguing in Publication Data

Names: Kashyap, Prem Lal, 1981– editor. | Srivastava, Alok Kumar, 1972– editor. | Tiwari, Shree Prakash, editor. | Kumar, Sudheer, 1972– editor.
Title: Microbes for climate resilient agriculture / edited by Prem Lal Kashyap, Alok Kumar Srivastava, Shree Prakash Tiwari, and Sudheer Kumar.

Description: Hoboken, NJ: Wiley, 2018. | Includes bibliographical references and index. |

Identifiers: LCCN 2017032716 (print) | LCCN 2017048211 (ebook) | I 9781119275954 (ePDF) | ISBN 9781119276029 (ePUB) | ISBN 9781119275923 (hardback)

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November 16-18, 2019

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from *Department of Biotechnology, V.B.S. Purvanchal University, Jaunpur*
participated as Chairperson of a Session / Plenary Speaker / Invited Speaker / Contributor of a
Research Paper for Oral / Poster Presentation.

Title of the Talk / Paper... *Therapeutic - - - - - using nanoparticles...*


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Umavinagar, Jalgaon - 425 001, (M.S.) INDIA

(Research Section)

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Date: 15.02.2019

To,
Dr. Manas Pandey, (External Referee)
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Pin-222003.

Sub: Thesis submitted by **Saurabh Subhash Patil** for the
Degree of Doctor of Philosophy in the faculty of *Commerce & Management* of this University.

Dear Sir/Madam,

I am thankful to you for having accepted the invitation to evaluate the Ph.D. thesis entitled "*A Study of Exporters & Export Poteneial with Reference to Electrical goods of Maharashtra State.*" for the Degree of Doctor of Philosophy in the faculty of *Commerce & Management* of this University.

You are requested to send your report in the prescribed format (enclosed herewith) along with the detailed report mentioning the specific recommendations as to whether the thesis should be accepted, rejected or resubmitted after revision. It is desirable that, you conclude your report with clear remarks.

We shall appreciate your sending the report as early as possible, but not later than 45 days from receipt of thesis to the undersigned directly.

The thesis may be returned separately by Registered Post. The Postal expenses will be reimbursed on submission of receipt along with the honorarium bill (A honorarium bill form is enclosed),

Kindly acknowledge the receipt of the same.

Thanking you in anticipation.

Yours
[Signature]
Dy. Registrar
Research Section

Encl:- as above

■ (O) : 0257-2258409
(O) : 0257-2257221 & 2257222 & 224
Fax : (91)-0257-2258403 & 2258406

Website : www.nmu.ac.in
E-mail : pvcresearch@nmu.ac.in

Registrar
V.B.S. Purvanchal University
Jaunpur



JAI NARAIN VYAS UNIVERSITY, JODHPUR
(ACADEMIC SECTION)

JNVU/Aca/Ph.D-5(a)

No. JNVU /Aca/R/19/Buss.Adm./ 107

Date: 19.02.19

Prof. Manas Pandey
Deptt. of Commerce & Management Studies
V.B. Singh Poorvanchal University
JAUNPUR

Dear Sir/Madam,

This is to acknowledge your letter dated assess the thesis and conduct the Viva-Voce examination of Ms./Mr. Sonali Chouhan Ph.D. in the Deptt. of Business Administration.

I am sending herewith a copy of the thesis for this purpose.

The relevant rules for the assessment of the thesis are reproduced below for your information:

1. No thesis shall be approved for the award of Doctorate Degree unless the recommendations of all the examiners are unanimous.
2. The examiner in his assessment shall be required to express his categorical opinion on the following points :
 - (a) That the thesis is an original piece of research work and a contribution to knowledge either from the point of view of the discovery of new facts or the interpretation of facts or both.
 - (b) That the candidate has given proof of consistent thinking and of critical approach to the problem enunciated by him.
 - (c) That the thesis is satisfactory in so far as its literary presentation is concerned.
3. The examiner shall make a clear recommendation:
 - (a) whether the thesis be accepted for the Ph.D. Degree.
 - (b) or the thesis be rejected.
 - (c) or the candidate be allowed to present his thesis in a revised form.
4. The report shall include the grounds on which the recommendation is based.
5. The examiner may also indicate questions to be asked from the candidate during the Viva-Voce test.
6. The examiner is also requested to send a **Detailed Report** on the thesis in addition to the proforma.

I shall be obliged if you kindly send your report within a period of three months in the enclosed prescribed form together with such additional observations as you may deem fit.

Kindly send your report in the enclosed envelope marked "**REGISTERED POST**".

The foreign examiners are requested to return the thesis by "**SURFACE MAIL**" and add the charges in the bill.

All correspondence concerning this may please be addressed to....., Registrar (Acad.), Jai Narain Vyas University, Jodhpur under a sealed cover marked **CONFIDENTIAL**.

Please return the abstract alongwith the Ph.D. thesis.

Yours faithfully

Asstt.Registrar

Encl: Thesis, Proforma and Envelope.

Registrar
V.B.S. Purvanchal University
Jaunpur

RANI DURGAVATI VISHWAVIDYALAYA JABALPUR

05/11/2019

6969/85

Thesis Evaluation Cell

Jabalpur Date 5/11/19

Registrar
Rani Durgavati Vishwavidyalaya
Jabalpur

Prof - Manas Pandey
Executive Vice President, I.C.A.,
Head, Dept of Business Economics, Faculty of Management Studies
Veer Bhadra Singh, Purvanchal University, Jaunpur (U.P.)
Cor-94152-07029
D.Sc/D.Litt Thesis in the Subject Applied Economics.

Submitted by: Shri. Suresh Kumar Swendra Keemari Vats

Madam

I acknowledge with thanks receipt of your letter (reference no. 6969/85)

Telephonic acceptance
5/11/19

in conveying your acceptance to act as an examiner. A copy of the Thesis entitled

"A Study of Non-Banking Business of Corporation Bank and its Impact on Bank Profitability"

- 1. The thesis is sent herewith to your office.
- 2. Kindly send your report on the prescribed form together with a detailed report to this office within two weeks from the date of this letter or earliest if possible. You are also requested to state in your report the nature and extent of contribution made by the Candidate in his thesis.
- 3. The necessary information on the subject matter of the thesis is required either from the Supervisor or the Candidate. You are requested to conform the undersigned along with the points of clarification. We request you to inform the clarification to you after getting the assent from the supervisor of the candidate concerned. No correspondence may directly be made in this respect either with the supervisor or the candidate directly.
- 4. A copy of the form for preparing your remuneration bill and a form for preparing report are enclosed for your use. Please return the thesis immediately after valuation. The remuneration bill be forwarded for payment only after the receipt of the thesis.
- 5. The remuneration prescribed for examining the thesis is Rs. 1000/-
- 6. An extract copy of the Ph.D/D.Sc/D.Litt Ordinance enclosed herewith for your guidance. Kindly acknowledge receipt.

- 7. Copy of thesis along with undersigned and other papers.
- 8. Please send the report to the undersigned by name directly.

Your faithfully

[Signature]

Section Officer

Thesis Evaluation Cell (Cont.)
Rani Durgavati Vishwavidyalaya
Jabalpur (M.P.)

Registrar

V.B.S. Purvanchal University
Jaunpur



Ranchi University, Ranchi

Fax : 0651-2214077, Phone : 0651-2204544

From : Controller of Examinations
Ranchi University, Ranchi

No. Ex/

Date.....

To,

Prof (Dr.) Anand Pandey
Faculty of Commerce
V.B. Singh Purvanchal University,
Jaunpur - 222001, U.P.

Sub : Appointment of examiner to evaluate the Ph.D./D.Litt./D.Sc. thesis
submitted by Rajshree Koushik

Sir/Madam,

The Vice-Chancellor has been pleased to appoint you as an examiner to evaluate the thesis entitled "On Evaluation of Capital Market reforms and Role of SEBI after Liberalization"

submitted for the Ph.D./D.Litt./D.Sc. degree of this university. This may be noted after evaluation of the thesis, the report is required in the prescribed Performa attached herewith for your kind perusal. The remuneration for evaluation of the thesis is Rs. 1000/- (Rs. One thousand).

You are, therefore requested to kindly evaluate the thesis (attached herewith/sent earlier) and submit the report at the earliest.

As you have been always pleased to extend your kind co-operation, this time also we look forward with gratitude for the same from your goodself.

Yours faithfully

Rajshree Koushik
15/04/2019
Controller of Examinations
Ranchi University, Ranchi

[Signature]
Registrar
V.B.S. Purvanchal University
Jaunpur

[Signature]



CONTROLLER OF EXAMINATIONS

Manipur University
CANCHIPUR : IMPHAL- 795003
MANIPUR, INDIA

Phone - Office (0385) 2435057

Mobile No. 7005671831

Fax: (0385)2435145

Email :

narayanangom123@gmail.com

Gram: MANVARISITY

CONFIDENTIAL

No. MU/9-08/19/Exam.

April 20, 2019

2472

I take the pleasure of conveying to you that the Vice-Chancellor has appointed you as an external examiner for evaluation of a thesis entitled "*An assessment of the business environment for micro enterprises in Manipur*" submitted by *N. Minorcha Chanu* for the award of Degree of Doctor of Philosophy in *Commerce*. Anticipating your acceptance of the appointment, an abstract of the thesis is enclosed herewith for your reference. I shall be much obliged if you could kindly intimate us your acceptance or otherwise at your earliest convenience.

University will pay you a nominal remuneration of Rs 2000/- for examining the thesis.

With kind regards,

Yours sincerely,

(A. Narayan Singh)

Controller of Examinations(i/c)

Prof. Manas Pandey
Deptt. of Business Economic
VBS Purvanchal University
Jaunpur - 222 003

Registrar
V.B.S. Purvanchal University
Jaunpur



Ranchi University, Ranchi

Fax : 0651-2214077, Phone : 0651-2204544

From : Controller of Examinations
Ranchi University, Ranchi

No. Ex/ 3342-44

Date.. 27-04-19

To,

Prof(Dr) Manas Pandey
Faculty of Commerce
V.B Singh Purvanchal University,
Jaunpur- 222001, U.P

Sub : Appointment of examiner to evaluate the Ph.D./D.Litt./D.Sc. thesis
submitted by Saleha Shabnam

Sir/Madam,

The Vice-Chancellor has been pleased to appoint you as an examiner to
evaluate the thesis entitled "A Study on the Strategic
HRM in education Sector in Jharkhand
- A case Study of Ranchi District"

submitted for the Ph.D./D.Litt./D.Sc. degree of this university. This may be noted
after evaluation of the thesis, the report is required in the prescribed Performa
attached herewith for your kind perusal. The remuneration for evaluation of the
thesis is Rs. 1000/- (Rs. One thousand).

You are, therefore requested to kindly evaluate the thesis (attached
herewith/sent earlier) and submit the report at the earliest.

As you have been always pleased to extend your kind co-operation, this
time also we look forward with gratitude for the same from your goodself.

Yours faithfully

Registrar
V.B.S. Purvanchal University
Jaunpur

19/04/2019
Controller of Examinations
Ranchi University, Ranchi

Sh. Mandar

7317

(लोक सेवा गारंटी अधिनियम के अन्तर्गत)

RANI DURGAVATI VISHWAVIDYALAYA, JABALPUR

Confidential

No./Conf./TEC/2019/-7023157

Jabalpur, Date 26/6/19

Thesis Evaluation Cell

From,

Registrar,
Rani Durgavati Vishwavidyalaya,
Jabalpur

To

Prof. Manas Pandey, Executive Vice President
ICA Head, Deptt. of Business Economics,
Veer Bahadur Purvanchal University, JAUNPUR-22203
CM-09415207029

Subject: Evaluation of Ph.D./ D.Sc./D.Litt Thesis in the Subject... Commerce

Submitted by Shri/K/USmt. Tulshidas Banjara

Dear Sir/ Madam,

1 I acknowledge, with thanks, receipt of your ^{telephonic acceptance} letter/ telegrams dated 26/6/2019

Conveying your acceptance to act as an examiner. A copy of the Thesis entitled

"संघ के ग्रामीण विकास में जिला पंचायतों की भूमिका का आलोचनात्मक अध्ययन"

is sent herewith for your valuation.

2. Kindly sent your report on the prescribed form together with a detailed report to this office within two months from the date of this letter or earliest if possible. You are also requested to state in your detailed report the original contribution made by the Candidate in his thesis.
3. If any sort clarification on the subject matter of the thesis is required either from the Supervisor or the candidate, you are requested to conform the undersigned along with the points of clarification We shall then send the clarification to you after gating the same from the supervisor of the candidate concerned. No correspondence may please be made in this connection either with the supervisor or the candidate directly.
4. A copy of the form for preparing your remuneration bill and a form for preparing report are enclosed for your use. Please return the thesis immediately after valuation. The remuneration bill be forwarded for payment only after the receipt of the thesis.
5. The remuneration prescribed for examining the thesis is Rs. 1000/-
6. An extract copy of the Ph.D./D.Sc./D.Litt. Ordinance enclosed herewith for your guidance. Kindly acknowledge receipt.

Encl: Copy of thesis along with undersigned the other papers.

Note:-Please send the report to the undersigned by name directly.

Your faithfully

Section Officer
Thesis Evaluation Cell (Conf.)
Rani Durgavati Vishwavidyalaya
Jabalpur (M P)

Registrar
V.B.S. Purvanchal University
Jaunpur



RAMA UNIVERSITY UTTAR PRADESH, KANPUR

(Estb. By U.P. Act, No. 1 of 2014)

Ref. No.: RU/Exam/2019/299

Date: 13/07/2019

To,
Prof. Manas Pandey
Dean
School of Management Studies
VBS Purvanchal University
Jaunpur-222003

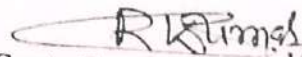
Subject : Evaluation of Ph.D Thesis (Faculty of Commerce and Management)

Sir/Madam,

You have been appointed examiner for the Evaluation of Ph.D Thesis of Mr. Mohd. Janey Alam Khan in Management on title "A Study on Customer Satisfaction with Special Reference to Shopping Malls in Ter-2 Cities of Utter Pradesh". Please examine the enclosed Thesis & send your report in required proforma (enclosed) along with payment bill within 15 days of recurred receipt of documents.

The Remuneration of Rs. -5000/ shall be paid.

Yours


Controller of Examinations 13/7/19

Encl :

- 1) Thesis (One Copy)
- 2) Report Performa (One Copy)
- 3) Remuneration Performa (One Copy)

Registrar
V.B.S. Purvanchal University
Jaunpur



New Form No. - 3
By Registered Post

RASHTRASANT TUKADOJI MAHARAJ NAGPUR UNIVERSITY

Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017)

**Office of the Director, Board of Examinations & Evaluation
Ph. D. Cell**

Pariksha Bhavan, Laxminarayan Institute of Technology Premises, Amravati Road, Nagpur - 440 033

• E-Mail Id : drphdceel@rediffmail.com • Phone No. : 0712-2542982 / 83 • Fax No. : 0712-2567175

From :

Deputy Registrar (Post Exams & Ph. D. Cell)
Rashtrasant Tukadoji Maharaj Nagpur University,
Nagpur - 440 033 (M. S.) India

No. Ph. D. Cell / 169

Dated Nagpur, the 26/7/19 20

To,

Prof. Manas Pandey, Head,
Dept. of Bus. Economics, Faculty of Mgmt. Studies
Coordinator, IQAC and RUSA VBS Purvanchal University
Jaunpur (UP) -

Subject :- Evaluation of the Thesis

Sir/Madam,

Thank you for your letter, dated _____ accepting the appointment as Referee for evaluating the thesis entitled "An analytical study of high performances work - - - - - in IT industry of Nagpur City (2005-2013)"

submitted for the Degree of Doctor of Philosophy in the Faculty of Comm. & Mgmt.

Subject BIM by

Shri/Smt./Ku. Rita M. Bhatnagar

I am sending herewith a copy of the thesis alongwith the following documents :

1. An Acknowledgement Form to be returned immediately on receipt of the thesis
2. Printed Proforma No.5 for indicating the specific recommendations
3. Remuneration Bill Form

"After evaluating the thesis, you are requested to send the following documents :-

- i) The detailed evaluation report (Preferably typed) on plain paper in 300 to 500 words covering detailed analysis of research work justifying the recommendation of an examiner with signature, remarks and recommendations alongwith the printed proforma i.e. form No. 5 completely filled in and duly signed with specific recommendations
- ii) The queries to be asked during the course of viva-voce (Preferably typed) on a separate plain paper with signature.

The sealed envelope with enclosed Remuneration bill duly signed be put into the registered letter herewith may kindly be dispatched by Registered Post to the address as printed on it within a period of three months from the date of receipt of the thesis. Copy of the thesis should be returned simultaneously by Registered Post separately. The postal charges incurred on returning the thesis be included in the Remuneration Bill after enclosing the original postal receipt.

Yours sincerely,

Deputy Registrar (Post Exams & Ph.D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University

(P.T.O.)

Encl. :- As above.

Registrar
V.B.S. Purvanchal University
Jaunpur

महात्मा गाँधी चित्रकूट
ग्रामोदय विश्वविद्यालय

चित्रकूट, जि. सतना (म.प्र.) भारत
पिन कोड : 485 334



**Mahatma Gandhi Chitrakoot
Gramodaya Vishwavidyalaya**

CHITRAKOOT, DISTT. - SATNA (M.P.) INDIA
Pin-code : 485 334
Ph.No. 07670, 265377

Ref.: Exam/Ph.D/19/ 441/13

Date 8/10/13

Confidential/गोपनीय

To,

Dr. Manas Pandey
Head Department of
Business Economics
V.B.S. Purvanchal University Jaunpur (U.P.)

Sub: Ph.D. Thesis evaluation of **Saumya Singh.**

Sir,

The Vice-Chancellor is pleased to appoint you to act as an examiner of the Ph.D. Thesis submitted by **Saumya Singh**. The Topic of Research is mentioned below:

A BEHAVIOURAL STUDY OF TECHNOLOGICAL AWARENESS AMONG TRIBAL SOCIETY

Please send back the thesis along with the evaluation report as soon as possible and filled remuneration bill (Rs.1000 plus excluding postage charge) for payment through registered post to the under signed .


Deputy Registrar (Exam)
Phone No. 07670-265377

Savitribai Phule Pune University
(Formerly University of Pune)



Telephone Nos. : 25696061, 25690062
Fax : 020 - 25699232

Ganeshkhind, Pune - 411 007.
E-mail : pgadmis@unipune.ac.in

Ref. No. : PGS/ 1561

Date: 3 OCT 2019

To,

Dr. Manas Pandey (External Referee)
Department of Business Economics
Faculty of Management Studies,
Coordinator, IQAC and RUSA,
VBS Purvanchal University, Jaunpur (UP)

Subject : Thesis submitted by Rao Meenal Shreyas for the Degree of Doctor of Philosophy in Commerce & Management (Human Resource Management) of Savitribai Phule Pune University, Pune.

Gentlemen,

I am thankful to you for having accepted to examine the Ph.D. thesis entitled "Assessment of Performance of Expatriates working in selected MNC's in Pune: A Critical Study." submitted by *Rao Meenal Shreyas* for the Degree of Doctor of Philosophy in Management of this University.

You are requested to kindly forward your report making a specific recommendation as to whether the thesis should be accepted, rejected or resubmitted after revision. It is desirable that you conclude your report with the sentence "**I recommend that the thesis be accepted / rejected / revised and resubmitted for Ph.D. degree of University of Pune**". The external referees are requested to send one copy of the report to the Guide of the student and two copies to the Dy. Registrar (P.G. Unit) of the University directly by mentioning the reference number of the letter.

We shall appreciate your sending the report with signature as early as possible but not later than two months from receipt of thesis.

The thesis may be returned separately by Registered Post. The postal expenses will be reimbursed on submission of receipts along with the honorarium bill.

A honorarium bill form is enclosed to enable you to prefer your bill for examining the thesis.

Kindly acknowledge the receipt of this letter and the thesis.

Thanking you,

Yours faithfully,


30-9-2019
Dy. Registrar
(PG Admissions)

Copy f.w.c.s. to : **Dr. Ashutosh N. Misal** (Guide)
MKSSS' Hiraben Nanawati Institute of
Management and Research for Women
Karvenagar, Pune - 411052


Registrar
V.B.S. Purvanchal University
Jaunpur



RAMA UNIVERSITY UTTAR PRADESH, KANPUR

(Estb. By U.P. Act, No. 1 of 2014)

Ref. No.: RU/Exam/2019-20/113

Date: 16/10/2019

To,
Prof. Manas Pandey
Dean
School of Management Studies
VBS Purvanchal University
Jaunpur-222003

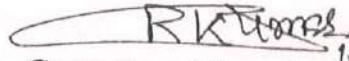
Subject : Re-evaluation of Ph.D Thesis (Faculty of Commerce and Management)

Sir/Madam,

1. Refer our letter no. RU/Exam./2019/699 dated on 13/07/2019.
2. Ph.D Thesis of Mr. Mohd. Janey Alam Khan in Management on title "A Study on Customer Satisfaction with Special Reference to Shopping Malls in Ter-2 Cities of Utter Pradeshr" along with your suggestions is forwarded for re-evaluation.

Please examine the enclosed thesis & send your report in required proforma (enclosed) within 15 days of recurred receipt of documents.

Yours


16/10/2019
Controller of Examinations

Encl :

1. Thesis (One Copy)
2. Report Performa (One Copy)
3. Previous Evaluated Report

Registrar
V.B.S. Purvanchal University
Jaunpur

CONFIDENTIAL SECTION
EXAMINATION BRANCH



TRICTLY CONFIDENTIAL

Mobile No. 9491027827

Tele No.040-27098611

Fax No.040-27072096

OSMANIAUNIVERSITY
HYDERABAD - 500 007

No. 081900021/Ph.D/Exams /2019

Dated: 29 OCT 2019

To,

1. Prof. Manas Pandey, (9415207029)
Dept. of Business Economics,
VBS Purvanchal University,
Jaunpur, Uttar Pradesh.

Dear Sir,

Sub: Ph. D thesis adjudication - dispatch of thesis - Reg.

- - x - -

Thank you for accepting the thesis for adjudication entitled "Role of SHGs of Telangana" submitted by G. Shankar for the award of Ph.D Degree in Commerce by Osmania University.

You are requested to send the report within 45 days. The proforma consists three parts: part- I a detailed evaluation, part-II: a detailed report and part - III: final recommendation.

The Thesis may be returned by registered parcel. The postal charges incurred on account of this may be claimed in the remuneration bill by producing the original postal receipts.

The remuneration bill may be sent along with your evaluation report. The remuneration for the adjudication of the thesis is Rs.1,500/-. Honorarium will be credited into your account by online.

You have to send the Hard copy of the report by post and a soft copy may be mailed to confphd@osmania.ac.in.

Thanking You,

Yours Sincerely,

Addl. Controller of Examinations (C)

Enclosures:

1. A copy of the thesis.
2. A blank report pro-forma.
3. A remuneration bill form

Registrar
V.B.S. Purvanchal University
Jaunpur

**Dr. Babasaheb Ambedkar
Marathwada University,**
AURANGABAD -431 004 Maharashtra, India
NAAC Re-accredited "A" Grade



**डॉ. बाबासाहेब आंबेडकर
मराठवाडा विद्यापीठ,
औरंगाबाद-४३१ ००४ महाराष्ट्र, भारत**
नेक समिती तर्फे 'अ' दर्जा प्राप्त

Ph.D. Unit

विद्यावाचस्पती विभाग

PH.D. Office :- (0240) 2403122

WEB SITE : www.bamu.ac.in

: http://bamua.digitaluniversity.ac.

E-mail : phdsection@bamu.ac.in

Ref No. Ph.D./2019-20/ 11202-05 .

Date: - 28/11/2019

- 1 Prof. Annasaheb M. Gurav,
Dean, Commerce & Management,
Shivaji University,
Kolhapur
- 2 Prof. Manas Pandey,
Dean, Faculty of Management Science,
V.B.S. Purvanchal University,
Jounpur, Uttar Pradesh.
3. Dr. (Mrs.) J.R. Suryawanshi,
Research Guide,
Prof. & Head, Dept. of Commerce,
Dr. Babasaheb Ambedkar
Marathwada University,
Aurangabad.

Subject :- Evaluation of Ph.D. Thesis of Ms. Archana M. Pandagale in the Subject of Commerce

Sir/Madam,

With reference to your acceptance on the above subject, I am forwarding herewith a copy of thesis received from the candidate referred to above. The proforma for evaluation report and the remuneration bill forms are also enclosed herewith.

You are, therefore, requested to fill up the form and return the same to this office duly signed on the necessary revenue stamp. The payment of remuneration will be made after having received from you the report along with a copy of the thesis.

Encl: As above

Deputy Registrar
Ph.D. Section

**Registrar
V.B.S. Purvanchal University
Jaunpur**



University of Lucknow

(CONFIDENTIAL)

All communications should be addressed to the Registrar, Lucknow University, Lucknow and not to any Officer by name

Phone : 0522-2740412
Fax : 0522-2740482
e-mail : registrar@lkouniv.ac.in
website address : www.lkouniv.ac.in

No. LU/Research/F.....153/19/2505

Dated.....13/12/19.....

From :
THE REGISTRAR
UNIVERSITY OF LUCKNOW
LUCKNOW - 226 007 (INDIA)

To,
Prof. Manas Pandey
Dean, Faculty of Mgt. Studies
V.B.S. Purvanchal University
Jaunpur, U.P. mob - 09415207029

Dear Sir/Madam,

The University is grateful to you for kindly accepting the examinership for evaluating the Thesis (Dissertation) entitled : Performance Appraisal of Reference to Micro Finance

Submitted by Saima Dilshad

In the Subjects : Applied Economics

A copy of the same is sent herewith. I shall be obliged if you will kindly send me your report at earliest as per your convenience.

The copy of the thesis with your report may kindly be returned to this office within 2 months done with, along with the enclosed remuneration bill duly filled and as mail.

Encls : As Above

Yours faithfully,

(Signature)
13/12/19
Dy. Registrar (Research)
For Registrar

(Signature)
Registrar
V.B.S. Purvanchal University
Jaunpur

महात्मा गाँधी चित्रकूट
ग्रामोदय विश्वविद्यालय

चित्रकूट, जि. सतना (म.प्र.) भारत
पिन कोड : 485 334



**Mahatma Gandhi Chitrakoot
Gramodaya Vishwavidyalaya**

CHITRAKOOT, DISTT. - SATNA (M.P.) INDIA
Pin-code : 485 334
Ph.No. 07670. 265377

Ref: Exam/Ph.D/19/ 1049/13

Date

24/12/19

Confidential/गोपनीय

To,

Dr. Manas Pandey
Head
Department of Business Economics
V.B.S. Purvanchal University Jaunpur (U.P.)

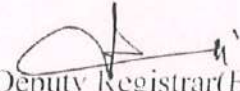
Sub: Ph.D. Thesis evaluation of **Vidyottama Shukla.**

Sir,

The Vice-Chancellor is pleased to appoint you to act as an examiner of the Ph.D. Thesis submitted by **Vidyottama Shukla**. The Topic of Research is mentioned below:

" A Study of Socio Psychological Factors for understanding performance of Employee at Workplace Public and Private Sector "

Please send back the thesis along with the evaluation report as soon as possible and filled remuneration bill (Rs.1000 plus excluding postage charge) for payment through registered post to the under signed


Deputy Registrar(Exam)
PhoneNo.07670-265377

24.12.19

IISU/Ph.D./COM/R.S. 335/2019/17784

December 13, 2019

Dr. Manas Pandey
Head, Department of Business Economics
Faculty of Management Studies
V.B.S Purvanchal University
Jaunpur -222003


Dear Sir,

This is with reference to your consent dated 10 December 2019, regarding evaluation of Ph.D. thesis of Ms. Tanya Kailay. Please find enclosed herewith a copy of thesis entitled "**Preferences and Satisfaction Level of Customers for Plastic Money in Rajasthan**" submitted by **Ms. Tanya Kailay** for award of the Ph.D. degree in the faculty of Commerce & Management of this University.

We request you to kindly send the report of the thesis (in the format provided) to the undersigned in a sealed cover marked 'Secret' sent to you for this purpose. We would appreciate if you could send the report **within a period of one month** so as to enable us to take further necessary action in the matter. Kindly also submit your remuneration bill along with your report for payment.

Thanking you,

Yours sincerely,


Dr. Raakhi Gupta
Registrar

Encl : 1. Copy of thesis
2. Report Proforma
3. Remuneration Bill

P.S. : **Kindly return the copy of thesis after evaluation in a separate cover by registered parcel and in case of off-shore examiners by Air mail**


Registrar
V. B. S. Purvanchal University
Jaunpur

From: Calem HRDC AMU <calemhrdcamu@gmail.com> | [Add to Address book](#) | [This is spam](#)
To: alimurad@rediffmail.com
Subject: No Subject
Date: Wed, 23 Aug 2017 14:46:30 IST
Note: To help protect your privacy, images from this message have been blocked. [View images](#) | [What is this?](#)

23.08.2017

Dr. Murad Ali

Head, Department of Business Management

V.B.S. Purvanchal University

Jaunpur-222003 (UP)

With reference to our letter dated 22.08.2017 you are requested to take note of the following:

1. The CALEM course organized at your institution will be fully sponsored, by us. All the expenses will be met by the grant of the MHRD.
2. Kindly propose the dates of the courses during the period between 1 October 2017 and 31 August 2018.
3. The course time table will be drawn by us and the resource persons will be sent to deliver the training module.
4. We will require your bank details to transfer the amount of total course expenditure, when you confirm your dates and number of course participants.

Looking forward to a fruitful partnership with you.

With regards,


Registrar
V.B.S. Purvanchal University
Jaunpur

Sincerely,

Professor A.R. Kidwai

Director

Calem AMU Aligarh
From: <calemhrdcamu@gmail.com>
| [Add to Address book](#) | [This is spam](#)
murad ali
To: <alimurad@rediffmail.com>, vc_vbspuniversity@rediffmail.com
Subject: No Subject
Date: Thu, 21 Sep 2017 13:13:10 IST

20.09.2017

Dr. Murad Ali

Head, Department of Business Management


V.B.S. Purvanchal University

Jaunpur-222003 (UP)

I have pleasure in informing you that on 10 September 2017 the Organizing Committee meeting of the CALEM courses of 2017-2018 was held at CALEM, AMU, Aligarh.

The following assignment has been tentatively allotted to you:

Course No.	Dates	Theme	Vent
------------	-------	-------	------


Registrar
V.B.S. Purvanchal University
Jaunpur

1.	14 – 17 November 2017 (Group – A)	Training Programme on Academic Leadership	V.B.S. Purvanchal Jaunpur	University UP)
2.	25 – 31 July 2018 (Group – B)	Training Programme on Academic Leadership	V.B.S. Purvanchal Jaunpur	University UP)

Let me, however, add that above programmes will be confirmed only after we receive the grant from HRD Ministry. We may be able to confirm it in the second week of October 2017. If the grant is received late, we will have to reschedule courses at a later date. I hope you understand the situation.

I once again thank you for your valuable cooperation.

With regards,

Sincerely,

Professor A.R. Kidwai

Director


Registrar
V.B.S. Purvanchal University
Jaunpur

From: Calem AMU Aligarh <calemhrdcamu@gmail.com> | [Add to Address book](#) | [This is spam](#)

To: murad ali <alimurad@rediffmail.com>

Subject: Re: CALEM course tentative schedule

Date: Fri, 08 Dec 2017 11:11:08 IST

[Go to Attachment\(s\)](#) [Download all attachments](#)

Dr. Murad Ali

Head, Department of Business Management

V.B.S. Purvanchal University

Jaunpur-222003 (UP)

I have pleasure in informing you that we have received the HRD Ministry grant for conducting Academic Leadership Training Programme up to 31 March 2018. You are therefore requested to conduct the programme allotted to you. Please note the following:

1. Dr. Faiza Abbasi (Mobile No. 9760011520), Assistant Project Coordinator, CALEM will contact you regarding the Resource Persons/Time Table.
2. Kindly select only local course participants.
3. A detailed guideline is attached.
4. You have now been allotted the following courses:

Course No.	Dates	Theme	Group
1.	17 – 20 January 2018	Training Programme on Academic Leadership	Group – A (Vice Chancellors/Directors/ Pro Vice Chancellors/ Deans/Chairpersons and Heads of Departments)
2.	26 Feb. – 03 March 2018	Training Programme on Academic	Group – B (Registrars/Finance Officers/Controller of


Registrar
V.B.S. Purvanchal University
Jaunpur

		Leadership	Exams/Directors of Boards of University and College Development)
--	--	------------	--

5. Kindly return the enclosed proforma for bank transfer for organizing the course.

6. Please send your confirmation latest by 10th December 2017

With regards,

Sincerely,

Professor A.R. Kidwai

Director


Registrar
V.B.S. Purvanchal University
Jaunpur

From: Calem AMU Aligarh <calemhrdcamu@gmail.com> | [Add to Address book](#) | [This is spam](#)

To: murad ali <alimurad@rediffmail.com>

Subject: Re: CALEM course tentative dates

Date: Sat, 16 Dec 2017 14:12:54 IST

Dr. Murad Ali,

Many thanks for your mail of 15 December 2017. We confirm the dates suggested by you.

Please go ahead with your programmes.

With regards,

Sincerely,

Professor A.R. Kidwai
Director

On Fri, Dec 15, 2017 at 12:31 AM, murad ali <alimurad@rediffmail.com> wrote:
To

Prof.A.R.Kidwai
Director
CALEM
Aligarh Muslim University
Aligarh-202 002

Subject: Tentative dates for Academic Leadership Training Programme at VBS
Purvanchal University, Jaunpur

Sir

The convocation of our university is scheduled on 22.01.2018. So it is not possible to conduct any courses before that. On account of Holi holidays, the university will remain closed from 01.03.2018 to 04.03.2018.

On account of these reasons, kindly note the new tentative dates as follows:

Four day course from 31.01.2018 to 03.02.2018.

Six days course 19.02.2018 to 24.02.2018.

It is kindly requested to finalise the dates for both the courses and convey the same at the earliest.

Regards
Dr.Murad Ali
Head
Department of Business Management
VBS Purvanchal University
Jaunpur-222 003

On Fri, 08 Dec 2017 11:11:08 +0530 Calem AMU Aligarh wrote
>Dr. Murad Ali

Head, Department of
Business Management


Registrar
V.B.S. Purvanchal University
Jaunpur

V.B.S.
Purvanchal University

Jaunpur-222003
(UP)

I have pleasure in informing you that we have received the HRD Ministry grant for conducting Academic Leadership Training Programme up to 31 March 2018. You are therefore requested to conduct the programme allotted to you. Please note the following:

1.
Dr.
Faiza Abbasi (Mobile No. 9760011520), Assistant Project Coordinator, CALEM will contact you regarding the Resource Persons/Time Table.
2. Kindly select only local course participants.
3. A detailed guideline is attached.
4. You have now been allotted the following courses:

Course No.

Dates

Theme

Group

Venue

1.

17 – 20
January 2018

Training
Programme on
Academic
Leadership


Registrar
V.B.S. Purvanchal University
Jaunpur

Group – A
(Vice Chancellors/Directors/ Pro Vice Chancellors/
Deans/Chairpersons and Heads of Departments)

V.B.S. Purvanchal University
Jaunpur (UP)

2.

26 Feb. –
03 March 2018

Training Programme on
Academic Leadership

Group – B
(Registrars/Finance
Officers/Controller of Exams/Directors of Boards of University and College
Development)

V.B.S. Purvanchal University
Jaunpur (UP)

5.
Kindly
return the enclosed proforma for bank transfer for organizing the course.

6.
Please send your confirmation latest by 10th
December 2017

With regards,

Sincerely,

Professor
A.R. Kidwai

Director


Registrar
V.B.S. Purvanchal University
Jaunpur

On Thu, Dec 7, 2017 at 2:55 PM, murad ali wrote:
To



Gene

Certificate of Reviewing

Awarded since May 2018 (1 review)
presented to

VANDANA RAI

in recognition of the review contributed to the journal

The Editors of Gene

K. G. Srivastava
V. G. S. Purvanchal University
Jaunpur



MEDICAL
SCIENCE
MONITOR

IF (2018): 1.980

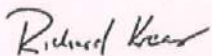
Melville, February 8th, 2020

To whom it may concern:

This is to acknowledge that Dr. V. Rai has reviewed the manuscript:

#920955 "*Association between Neurotrophin-3 polymorphisms and Alzheimer's disease risk*"

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Richard M. Kream
Editor-in-Chief
Medical Science Monitor

K. Agrawal
V.B.S. Purvanchal University
Jaunpur



पटना विश्वविद्यालय
PATNA UNIVERSITY

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To,

Prof. (Dr.) Manoj Pandey, Head, Department of Business Economics, Co-ordinator, RUSA, BVS Purvanchal University, Jaunpur – 222 003, U.P.

No. 1550-52 / Exam.

Patna, 14/02 / 2018

Dear Sir / Madam,

By order of the Examination Board I am directed to inform you that you have been appointed a member of the Board of Examiners which will conduct the Doctor of Philosophy Examination in the Faculty of Commerce (Commerce) of Amit Kumar Mishra. The subject of thesis is "An appraisal of the working of Microfinance Models in India with a special focus on the economy of Bihar".

I am further directed to quote below the extract from the relevant portion of the Regulation for the Doctor of Philosophy Examination. The whole Examination Including the examination of thesis is to be conducted strictly in accordance with the regulation. Your attention is specially drawn to Clause-9 of the Regulations which specifies the different portions of the examination. After going through the thesis if you think that the candidate may be exempted from sitting at a written examination or practical examination or both, this fact may kindly be specifically mentioned in the report embodying your opinion on the thesis, if on the other hand you approve the thesis but think that the candidate should be subjected to a written examination or practical examination or both this fact may also be stated in your report. In case a written examination is recommended to be held please set a Question paper for the written examination which will be for a period of three hours. This question paper should be on the subject of the thesis and may kindly be set in consultation with other members of the Board.

Your report, and the question paper, if set may please be sent, in two separate sealed cover by Registered Post insured for Rs. 100/- only each addressed to the undersigned, following inscriptions on the top **Report on Thesis of** _____ and question paper for the written examination of _____

You are requested to send the evaluation report within three months. You are also requested to send a set of 10 questions to be asked during the Viva-Voce of the above mentioned Research Scholar.

The thesis is being sent in separate Insured cover in anticipation of receipt of your acceptance.

External Examiners are requested kindly to note that the report should not be sent through messenger rather it should invariably be sent by Registered / Speed Post.

Provisions for TA / DA for Viva-Voce:

- Both ways by train in AC I/II.
- Under special circumstances allowed by Air with prior permission of the University.
- Must enclose the photocopies of the tickets.

Madan/
290118

R.K. Mandal
20/11/18
(Dr. R.K. Mandal)
Controller of Examinations
Patna University
Patna – 800005

Sanjay
30/01/2018



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“(Established by Government of Central Provinces Education Department by Notification No. 513 dated the 1st of August, 1923 & presently a State University governed by Maharashtra Public Universities Act, 2016 (Mah. Act No. VI of 2017).)”

Office of the Director, Board of Examinations & Evaluation
Ph.D. Cell

Pariksha Bhavan, Laxminarayan Institute of Technology Premises, Amravati Road,
Nagpur- 440 033

E-mail Id : drphdcell@rediffmail.com. Phone No. – 0712 (2542982), 0712 (2542983)
Fax No. – 0712 (2567175)

No. Ph.D. Cell/ 1368

Dated Nagpur, the 11/04/2018

From

Deputy Registrar (Post Exams & Ph.D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University
Nagpur – 440 033/(M.S.), India

To

Dr. Manas Pandey
Head, Dept of Business Economics
VBS Purvanchal University
Jaunpur – 222033 (U.P)

Subject :- Evaluation of the Thesis

Sir/Madam,

Thank you for your letter, dated _____ accepting the appointment as Referee for
evaluating the thesis entitled The Impact of Sales &
marketing strategies in

submitted for the Degree of Doctor of Philosophy in the Faculty of Commerce
Subject Business Management by
Shri/Smt./Ku. Rajesh V. Peshkar

I am sending herewith a copy of the thesis alongwith the following documents :

1. An Acknowledgement Form to be returned immediately on receipt of the thesis
2. Printed Proforma No.5 for indicating the specific recommendations
3. Remuneration Bill Form

“After evaluating the thesis, you are requested to send the following documents :-

- i) The detailed evaluation report (Preferably typed) on plain paper in 300 to 500 words covering detailed analysis of research work justifying the recommendation of an examiner with signature, remarks and recommendations alongwith the printed proforma i.e. form No. 5 completely filled in and duly signed with specific recommendations
- ii) The queries to be asked during the course of viva-voce (Preferably typed) on a separate plain paper with signature.

The sealed envelope with enclosed Remuneration bill duly signed be put into the registered letter herewith may kindly be dispatched by Registered Post to the address as printed on it within a period of three months from the date of receipt of the thesis. Copy of the thesis should be returned simultaneously by Registered Post separately. The postal charges incurred on returning the thesis be included in the Remuneration Bill after enclosing the original postal receipt.

Yours sincerely,

Om
Ph.D. Cell

Surojeet Sengupta, Assistant Professor, Department of Oncology,
GEORGETOWN UNIVERSITY MEDICAL CENTER,
surojeetsen@gmail.com

Dr. Pradeep Kumar, Department of Biotechnology



GEORGETOWN UNIVERSITY MEDICAL CENTER

LOMBARDI COMPREHENSIVE CANCER CENTER
Research • Education • Treatment

*Surojeet Sengupta, Ph.D.
Assistant Professor
Department of Oncology
Georgetown University Medical Center
Lombardi Comprehensive Cancer Center
3970 Reservoir Rd., NW
Research Building, Room no. W-405B
Washington, DC 20057*

*Telephone: 202-557-7451
Email: ss977@georgetown.edu*

Date: April 25, 2017

Dear Professor Pradeep Kumar,

It gives me immense pleasure in writing this letter and invite you for a visit to Georgetown University at Washington, D.C., in the month of June or July, 2017. As we did our master's education together, I am delighted to reconnect with you at both, personal and professional level. I have read your research articles on methylene tetrahydrofolate reductase (*MTHFR*) gene polymorphism and its influence on various diseases, including cancer. I strongly believe that it will be an excellent opportunity to present your research findings and at the same time to establish a **potential long-term research collaboration** that may be mutually beneficial.

I will take the responsibility for your lodging and food during your visit to the United States, and you will stay with us. Also I will be happy to arrange for you to visit tourist spots and explore this great country and its rich culture and history.

I strongly hope your visit to the United States will further strengthen our association at the personal and professional level.

I eagerly look forward to your visit.

Thank you and best regards.

(Surojeet Sengupta)

NCI
CCC

A Comprehensive Cancer Center Designated by the National Cancer Institute





ELSEVIER

Progress in Neuro-Psychopharmacology
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Registrar
M.B.S. Purvanchal University
Jaunpur





Mahatma Gandhi Chitrakoot Gramodaya Vishwavidhyalaya,
Chitrakoot Satna, M.P.

Dr. Ravindra Singh
Associate Professor
Department of Biological Sciences
Faculty of Energy and Environment

Phone: +91- 9425374744
+91- 9589270058

Date: January 08, 2017

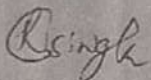
To,
Dr. Rajesh Sharma
Departments of Biotechnology,
VBS Purvanchal University Jaunpur-UP

Subject: Collaborative work with your team at VBS Purvanchal University- reg.

Dear Dr. Sharma,

This letter intends to inform you about my interest in collaborative work with you and your research group. This collaboration is expected to be advantageous for the beneficiaries from both the institutions. To start with I confirm my participation in manuscript entitled '*Maximum Alpha amylase production by molecular and biochemical characterized soil bacteria*'. I will contribute to this work in reviewing the current literature on impact of amylase production along with writing part of the same. I am certain that with contribution of expertise at your end will lead to a very fruitful result. Further, I will also like to extend the collaborative association by offering bacterial cultivation for production of valuable metabolites. I am eagerly looking forward for collaborative work.

With Regards,


(Ravindra Singh)

Registrar
V.B.S. Purvanchal University
Jaunpur



Maximum α -Amylase Production by Molecular and Biochemical Characterized Soil Microorganism

Pushpendra Singh^{1*}, Rajesh Sharma² and Ravindra Singh¹

¹Department of Biological Sciences, Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot, Madhya Pradesh, India
²Department of Biotechnology, Veda Pratishtha Singh Purvanchal University, Jaunpur, Uttar Pradesh, India

Abstract

The present investigation was undertaken with an aim to produce α -amylase in cost effective way keeping its market potential into consideration. This result obtained from present study prove that *Bacillus licheniformis* is the maximum α -amylase producing strain isolated from soil under suitable conditions. This study will very helpful for upcoming researchers to uncover the various aspect of enzyme production by microorganism. The present investigation was undertaken with an aim to produce higher amount of amylase with pure compounds in submerged fermentation. To screen the isolates for promising α -amylase producing capability and one of the most promising isolate is further scale up.

Amylase constitutes a class of industrial enzymes having approximately 20% of the enzyme market. α -amylase has found its application in a range of industries including food, brewing, distilling industry, textile, paper pharmaceutical and bioconversion of solid waste etc. Microorganism used in present investigation, isolated from rhizospheric regions of giant mowar variety of *Raphanus sativus* grown in district Jaunpur, (Uttar Pradesh) India. A total of 30 natural isolates were screened for α -amylase activity out of which 20 isolates were biochemically characterized. Based on ribotyping all the isolates were identified and one of the most promising amylase producer, i.e. *Bacillus licheniformis* was finally selected for further studies. The experiments were carried out in triplicates and mean value was taken. Nutritional source such as carbon and nitrogen sources were optimized for the production of α -amylase in free cell condition. Maximum α -amylase production was observed at 24 h. of incubation. Three different types of media such as Semi-synthetic, complex media I and complex media II tested and various parameters were optimized for enhance the alpha-amylase yield. It was found that identified soil microorganism *Bacillus licheniformis* is the best strain for α -amylase production and complex media-I gave maximum yield.

Keywords: α -amylase; Submerged fermentation; Starch hydrolysis; Ribotyping; Bio processing

Introduction

α -Amylases (E.C. 3.2.1.1) are starch-degrading enzymes that catalyze the hydrolysis of internal α -1,4 glycosidic bonds in polysaccharides with the retention of α -anomeric configuration in the products. These enzymes account for about 30% of the world's enzyme production and the most important enzymes and are of great significance for biotechnological applications. With the advancement in biotechnology, the amylase application has expanded in many fields such as clinical, medicinal and analytical chemistry, as well as their widespread application in starch saccharification and in the textile, food, brewing and distilling industries. Amylases of microorganisms have broad spectrum of industrial applications as they are more stable than when prepared with plant and animal amylases.

The major advantage of using microorganisms for the production of amylases is the economical bulk production capacity and the fact that microbes are easy to manipulate to obtain enzymes of desired characteristics. The further support of energy consumption studies, such as those on thermodynamics, pinch technology, and environment-friendly technologies, has hastened the large-scale production of the enzyme [1]. Today a large number of extracellular microbial amylases are available commercially and they have almost completely replaced chemical hydrolysis of starch. *Bacillus* sp. is a soil borne bacterium has been found to be the best candidate for commercial production of this enzyme. Thermophilic *Bacillus* sp. was found to produce thermostable amylase. Large scale industrial production of this enzyme is carried out mainly in submerged culture using different types of microorganisms. Further increase in incubation period did not show any significant increase in enzyme production rather it was decreased [2]. Some *Bacillus* strains produce enzyme in the exponential phase, whereas some others in the mid stationary phase. The designed

model based upon the multi-variable analysis provides the strategy to produce amylase at a large scale from this strain. Further study is in progress to scale up enzyme production in a batch fermenter using Box-Behnken design (BBD) optimized conditions [3].

Materials and Method

Experimental organisms

The root adhering samples were collected from radish (cv. Jaunpuri giant) grown field at 45 days of growth. The plants were sampled from radish grown area of district Jaunpur 82°44'E longitude and 25°46'N latitude, Uttar Pradesh (UP), India. The plants were carefully removed from the soil and the roots with adherent soil were put in plastic bags for isolation of bacteria. For the isolation of bacteria, the roots were shaken to remove excess soil. Ten gram of closely associated rhizospheric soil from each sample was added to 90 ml of sterile water and shaken for 30 min on a mechanical rotary shaker. Tenfold dilution were made and plated on nutrient agar (NA) medium. Bacterial cultures were maintained on the NA slants and stored at 4°C till further use. 30 isolates were picked randomly for preliminary screening having positive results for amylase activity by addition of iodine solution and observed for zone of clearance. Isolates having positive results

*Corresponding author: Singh P, Department of Biological sciences, Mahatma Gandhi Chitrakoot Gramodaya Vishwavidyalaya, Chitrakoot, Madhya Pradesh, India, Tel: 07308830484; E-mail: pushpendrasinghbiotech@gmail.com

Received June 13, 2017; Accepted June 17, 2017; Published July 24, 2017

Citation: Singh P, Sharma R, Singh R (2017) Maximum α -Amylase Production by Molecular and Biochemical Characterized Soil Microorganism. J Biotechnol Biomater 7: 266. doi: 10.4172/2155-952X.1000268

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Dr. Shree Prakash Tiwari <sptiwarimicro@gmail.com> ----- Forwarded message ----- From:
<contracts@novapublishers.com> Date: Tue, Feb 14, 2017 at 10:30 PM Subject: Proposed Contract
Attached To: sptiwarimicro@gmail.com Cc: sptwarimicro@gmail.

To

gautamnc@yahoo.co.in

CC

rajeshdbtpu

6 Mar at 11:59 AM

----- Forwarded message -----
From: <contracts@novapublishers.com>
Date: Tue, Feb 14, 2017 at 10:30 PM
Subject: Proposed Contract Attached
To: sptiwarimicro@gmail.com
Cc: sptwarimicro@gmail.com

Dear Dr. Tiwari,

We are pleased to inform you that upon completion of the review of your proposal we have found the following publication type most suitable for your proposed publication.

Title - Recent Advances in Microbiology, Volume 3
Type - Edited Collection
Binding - Hardcover

Changes to either the type and/or the binding will result in modification of your contract so please inform us prior to signing of the contract if either is to be altered.

Attached you will find our proposed contract for this title. Please review this contract and if you agree with it, please insert your and your co-authors (if any) scanned signature(s) in the PDF file and date then send it back to Nova via email attachment. An acceptable alternative is to print out the contract, sign it and fax it back to Nova.

Note that if you have signed contracts with us in the past that our standard terms may have been revised since then. Make sure to thoroughly review all the terms within the contract before you sign.

Nova can only publish works under 200,000 and/or 450 pages after formatting. If your work exceeds this amount then the book will have to be split into multiple volumes. Inform us if your work requires more than one volume and we will send an additional contract. Softcover publications MUST be at least 30,000 words.


Registrar
V.B.S. Purvanchal University
Jaunpur

Please also add the anticipated delivery date on the first page if the space for it is blank. Retain a copy with your signature as well as Nova's after we return the contract signed by Nova.

To help us promote and market your work effectively, please send the contact information (names and email addresses) for any libraries and/or organizations that would be interested in this book to Mrs. Lisa Gambino at marketing@novapublishers.com. We encourage you to contact your university library(ies) and/or organizations yourself and recommend this book for their collection.

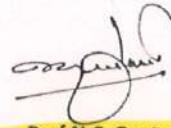
The proposal extends for a period of 14 days.

If you have any questions, please contact me.

Sincerely,

Carra Feagaiga
Department of Acquisitions

Nova Science Publishers, Inc.
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Hauppauge, NY 11788 USA
Tel: 1-631-231-7269 (ext. 119) | Fax: 1-631-231-8175
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Web: www.novapublishers.com

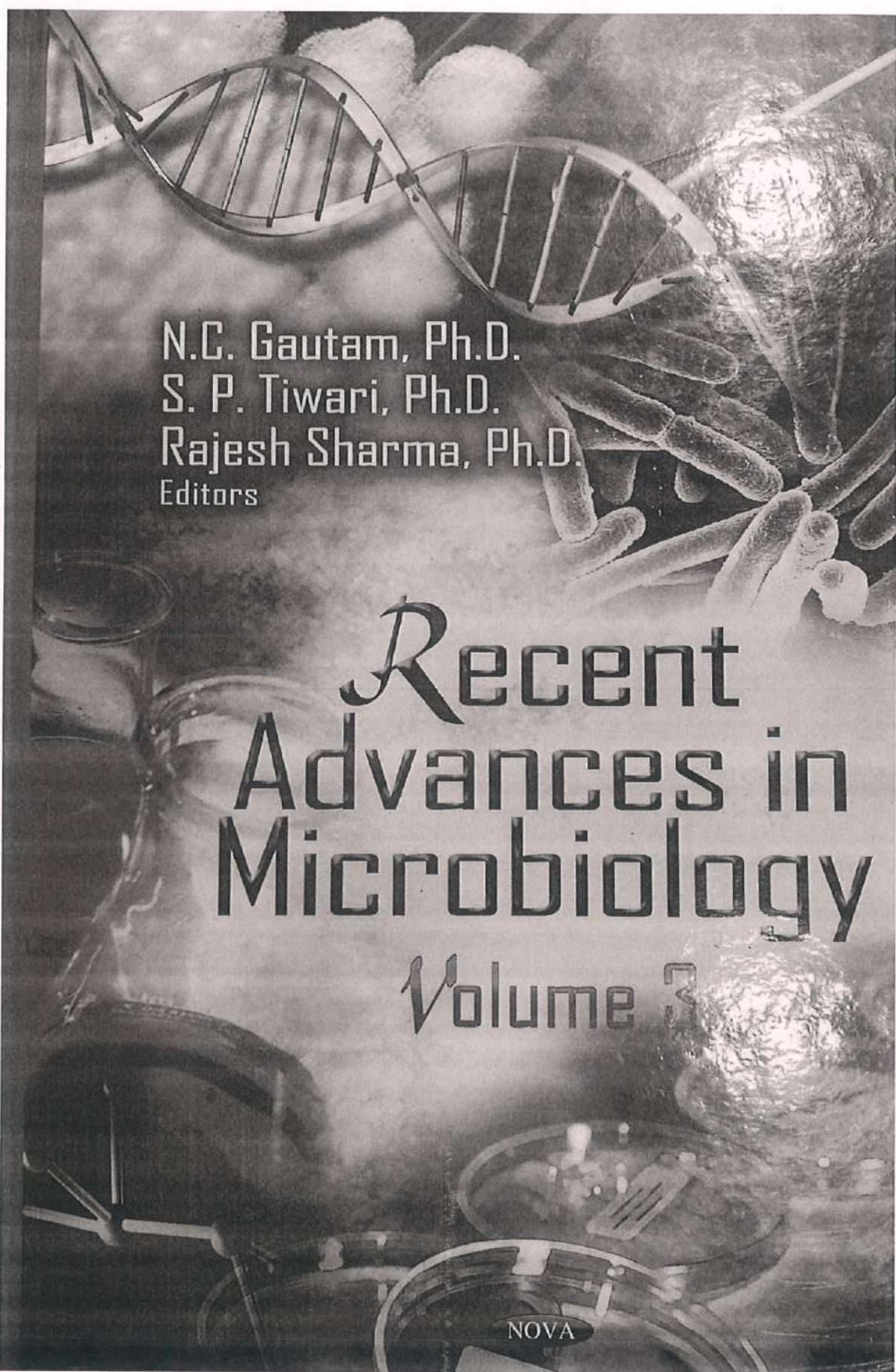


Prof N.C. Gautam

Vice-Chancellor

Mahatma Gandhi Chitrakoot Gramodaya
Vishwavidyalaya, Chitrakoot,
Satna (M.P.) 485334
e-mail. : vc.gramodaya@gmail.com
gautamnc01@gmail.com
Mob. : 7581819600

Registrar
V.B.S. Purvanchal University
Jaunpur

A grayscale collage of microbiology-related images. At the top left is a DNA double helix. To its right is a spherical virus-like particle. Below these are several rod-shaped bacteria. In the lower half, there are petri dishes with bacterial cultures, a microscope, and other lab equipment. The background has a smoky or misty texture.

N.C. Gautam, Ph.D.
S. P. Tiwari, Ph.D.
Rajesh Sharma, Ph.D.
Editors

Recent
Advances in
Microbiology
Volume 3

NOVA

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V.B.S. Purvanchal University
Jaunpur

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जीवाजी विश्वविद्यालय, ग्वालियर

क०/जीविवि/शोध/परीक्षा-2/गोप०/2017/33/016

दिनांक: 06/03/17

प्रति,

डॉ०/प्रभे: Manas Pandey

Head Dept of Business Economics

Faculty of Management Studies

V.B.S. Purvanchal University Jaunpur 222003 (U.P.)

विषय:- पी.एच.डी. शोध प्रबंध के मूल्यांकन बाबत।

महोदय/महोदया,

उपरोक्त विषयक शोध छात्र श्री/कु०/श्रीमती/ Koronal Raghav
से Managements विषय में निम्नलिखित शीर्षक पर प्राप्त शोध प्रबंध आपकी ओर
मूल्यांकन हेतु भेजा जा रहा है।

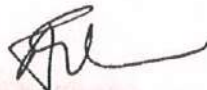
शीर्षक:-

आपसे निवेदन है कि, आप उक्त शोध प्रबंध का मूल्यांकन एक माह में करके इसकी रिपोर्ट एवं मूल्यांकित शोध प्रबंध वापिस भेजने का कष्ट करें साथ ही मूल्यांकन बिल भी भेजने की व्यवस्था करें, जिससे इसका भुगतान अविलम्ब किया जा सके।

वर्तमान में मध्यप्रदेश में लोक सेवा गारंटी नियम लागू होने से कृपया उक्त छात्र की मूल्यांकन रिपोर्ट समय-सीमा में भेजकर विश्वविद्यालय को सहयोग प्रदान करें।

संलग्न:-शोध प्रबंध +शोध प्रतिवेदन +बिल

भवदीय


उपकुलसचिव (गोपनीय)



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Fax No. - 0712 (2567175)

No. Ph.D. Cell/ 1694

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Nagpur University
Nagpur - 440 033 (M.S.), India

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Dr. Manas Pandey
Head, Dept of Business Economics
Coordinator - IQAC & RUSA
VBS Purvanchal University, Jaunpur - 222033.

Subject :- Evaluation of the Thesis (UP)

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Thank you for your letter, dated _____ accepting the appointment as Referee for
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Satisfaction in Organized

submitted for the Degree of Doctor of Philosophy in the Faculty of Commerce

Subject BIM by

Shri/Smt./Ku. Harshvardhan N. Bhavsar

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No. Ph.D. Cell/ 847

Dated Nagpur, the 9/12/17 20

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Rashtrasant Tukadoji Maharaj
Nagpur University
Nagpur - 440 033 (M.S.), India

To

Dr. Manas Pandey
Head, Dept. of Business Eco.
Faculty of Management Studies, Coordinator, IQAC & RUS
VBS Purvanchal University, Jounpur (UP)

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Shri/Smt./Ku. Subhash A. Deshmukh

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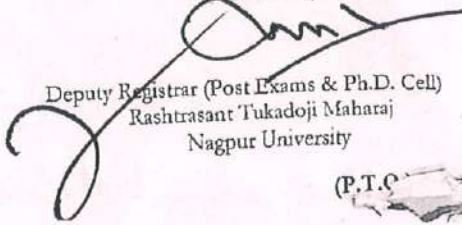
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Nagpur University

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Fax No. - 0712 (2567175)

No. Ph.D. Cell/ 312

Dated Nagpur, the ...20.11....2017

From

Deputy Registrar (Post Exams & Ph.D. Cell)
Rashtrasant Tukadoji Maharaj
Nagpur University
Nagpur - 440 033 (M.S.), India

To

Dr. Manas Pandey
Head, Dept. of Business Eco.
Coordinator, IQAC and RUSA
VBS Purvancha University, Jaunpur (U.P.)

Subject :- Evaluation of the Thesis

222033

Sir/Madam,

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submitted for the Degree of Doctor of Philosophy in the Faculty of Commerce
Subject B/M by
Shri/Smt./Ku. Sagar Ashok Harammis

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Nagpur University



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No./RU/Res/F-2631 / 1626

बरेली, उत्तर प्रदेश - 243006 (भारत)
BAREILLY, UTTAR PRADESH-243006 (INDIA)
Dated: 08-08-17

Dr./Prof. MANAS PANDEY
Department of Business Economics
V.B.S. PURVANCHAL UNIVERSITY,
JAUNPUR (U.P.)

Subject Thesis submitted by Shri/Km./Smt. DEEPAK SHARMA
in Subject Commerce

Topic A COMPARATIVE STUDY OF CONSUMER SATISFACTION IN PRIVATE AND
PUBLIC SECTOR TELE COMMUNICATION INDUSTRY

महोदय/महोदया,

No./RU/Res/F-2631 /

उक्त सन्दर्भित शोध प्रबन्ध के मूल्यांकन सम्बन्धी इस कार्यालय के पत्र संख्या

दिनांक.....के अनुसार आपसे प्राप्त सहमति के लिये धन्यवाद ।

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आपसे यह भी निवेदन है कि आप शोध प्रबन्ध की गुणवत्ता का मूल्यांकन राष्ट्रीय एवं अन्तर्राष्ट्रीय स्तर पर अपेक्षित प्रतिमानों को
दृष्टिगत रखते हुये करने का कष्ट करें ताकि विश्वविद्यालय के शोध के स्तर को बेहतर करना सम्भव हो सके ।

आपसे यह भी निवेदन है कि पत्र प्राप्त के एक माह के भीतर निम्नानुसार आख्या उपलब्ध करायें:-

(अ) शोध उपाधि प्रदान की जाय अथवा (ब) शोध प्रबन्ध संशोधित कर पुनः प्रस्तुत किया जाय अथवा (स) शोध
प्रबन्ध निरस्त किया जाय । आपके सहयोग के लिये हम आपके आभारी होंगे ।

सावर एवं शुभकामनाओं के साथ ।

Dear Sir/Madam,

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letter No.....dated.....

In view of your acceptance to examine the thesis, the following documents are being sent to you:

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3. Remuneration bill.
4. Envelope for sending the report.

You are requested to evaluate the thesis keeping in view the national and international standards of doctoral level research to help the university improve the quality of research for Ph.D.degree .

You are further requested to make a clear and specific recommendation in your report:

- (a) Recommendation for the award of Ph.D.Degree or (b) for revision of thesis or
- (c) recommendation for rejection of the thesis.

Please send your report under registered cover within one month from the receipt of the thesis.

Thanking you.

संलग्नक: उपरोक्तानुसार/Encl: As Above

भवदीय/ Yours faithfully

(अशोक कुमार अरविन्द)
कुलसचिव

AWADHESH PRATAP SINGH UNIVERSITY, REWA (M.P.)

NO. Acad/Shodh/2017/ 694

Ph. D.9

Date:- 2-8-2017

TO.

Dr. Manas Pandey
Plat.-I Type -iv, Block-A
University Campus VBS Puruvnchal University Jaunpur (U.P.)

Sub:- Valuation of thesis of श्री अतिम फिल्लौरा for the degree of Ph.D. व्यवसाय प्रशासन
Under the faculty of प्रबंध।
Sir/Madam

Thanks for your kind acceptance received for evaluation of the thesis entitled " RECRUITMENT & SELECTION PROCESS IN GOVERNMENT AND PRIVATE EDUCATION ORGANIZATION IN INDIA (WITH SPECIAL REFERENCE TO M.P.)

A copy of the thesis along with its synopsis approved by the research Degree Committee is sent herewith.

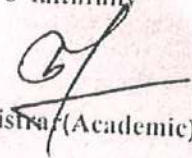
2. I write to inform you that as per University rules: the Evaluation Report on the thesis should include the following details .
 - 1 Name of the Examiner
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 - The thesis evinces the candidate's capacity for critical examination and sound judgment.
 - It is satisfactory in point of language and presentation of the matter.
 - Final opinion of the examiner as to whether the thesis is recommended or not for the award of the Ph.D. degree or needed revision.
- 3 In case you desire to seek clarification on the subject matter of the thesis, you may kindly write to the supervisor directly under intimation to this office.
- 4 I request you kindly to evaluate the thesis and send report within a month in the Enclosed envelop.

With Regards.

Note: The report should be sent in the prescribed form and envelop to the Registrar., by name.

Encl- Annexure !

Your's faithfully


Dy.Registrar (Academic)



हैदराबाद विश्वविद्यालय
UNIVERSITY OF HYDERABAD
P.O. Central University, Gachibowli, Hyderabad-500 046

No : UH/Exams/M.Phil./2017/

Date: 21/08/2017.

To

Dr. Manas Pandey
Head, Dept. of Business Economics
Faculty of Management Studies
Coordinator IQAC
VBS Purvanchal University
Jaunpur-222 001 (U. P.)

Sub: Forwarding of M.Phil. Dissertation for evaluation-reg.

Respected Sir,

Thank you for accepting to evaluate the M.Phil. Dissertation entitled "**Inter-Relationship Between Commodity and Stock Prices in India**" of Ms. Anjuman Shaheen (15SEHL11) a student in Economics, School of Economics.

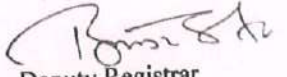
I am herewith sending a copy of the dissertation with a request to evaluate and send the report **within one month** highlighting the good and bad points of the work carried out and also expressing your assessment in terms of marks (out of 100). The evaluation report is to be sent in the format along with a detailed report on a separate sheet. In this connection, I would like to mention that as per Evaluation Regulations of the University, 50% is the minimum pass mark.

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Thanking you & with regards,

Yours faithfully,


Deputy Registrar
(Academic & Exams)

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2. Evaluation form
3. Honorarium claim form

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