



## RD ENGINEERING COLLEGE, GHAZIABAD

### List of teachers Receiving financial support year wise

Year 2022-23				
S.N.	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support received (in INR)
			NPTEL	1100
1	MR ISHARAR AHMAD	INTRODUCTION TO AUTOMATA	NPTEL	1000
2	MR.CHIRAG SHARMA	INTRODUCTION TO FLUID MECHANICS	NPTEL	1100
3	MR.PAWAN KUMAR YADAV	INTRODUCTION TO FLUID MECHANICS	NPTEL	1000
4	MR HARISHANKAR SHARMA	MULTIVARIABLE CALCULAS	NPTEL	1100
5	MR.MOHD SHOEB	PRODUCT DESIGN AND DEVELOPMENT	NPTEL	1000
6	MR.SUHAIL KHAN	WIRELESS COMMUNICATION	NPTEL	1000
7	MR.HARJEET SINGH	ADVANCES ENGINEERING MATHEMATICS	NPTEL	1000
8	MR.SUHAIL KHAN	COMMUNICATION SYSTEM USING MATLAB	NPTEL	1000
9	MR.MOHD SHOEB	MANUFACTURING AUTOMATION	NPTEL	10000
10	Dr.PANKAJ SINGH	CASTABLE AND CURABLE MAGNETIC CEMENT COMPOSITION AND METHOD	SOUTH AFRICAN PATENT	10000
11	Dr.PANKAJ SINGH	INTELLIGENTER INHALTOR FUR ASTHMATIKER	GERMAN PATENT	10000
12	Dr.PANKAJ SINGH	CURCUMIN COMPOSITION WITH ENHANCED BIOAVAILABILITY	OFFICAIL JOURNAL OF PATENT OFFICE	10000
13	Dr.PANKAJ SINGH	ENVIRONMENTAL MONITORING DEVICE	OFFICAIL JOURNAL OF PATENT OFFICE	10000
Year 2021-22				
S.N.	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support received (in INR)
1	MR.SANJAY PALIWAL	AN AUTOMATED PLATATION HEATH MONITORING	AUSTRALIAN INNOVATION PATENT	10000
2	DR.VISHAL UPMANU	A SYSTEM FOR EXCHANGING MEDIA BETWEEN ENTITIES	AUSTRALIAN INNOVATION PATENT	10000
3	MR.SANJAY PALIWAL	A METHYL Hg CONTAMINATED WASTEWATER TREATMENT	AUSTRALIAN INNOVATION PATENT	10000
4	MR.SANJEEV SHARMA	NOVEL CROP RECOGNITION TECHNIQUES FOR WEED CONTROL	AUSTRALIAN INNOVATION PATENT	10000
5	DR.VISHAL UPMANU	DATA SCIENCE COURSE	IBM	35000
Year 2020-21				
S.N.	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support received (in INR)
1	Dr.PANKAJ SINGH	A METHOD FOR TREATMENT OF METHYL	OFFICAIL JOURNAL OF PATENT OFFICE	10000
2	MR.SANJAY PALIWAL	A MICROBIAL CONSORTIUM FOR TREATMENT	OFFICAIL JOURNAL OF PATENT OFFICE	10000
3	Dr.GAURAV KUMAR RASTOGI	METHOD FOR EXTRACTING GALACTOMANNAN	OFFICAIL JOURNAL OF PATENT OFFICE	10000
4	MR.SANJAY PALIWAL	METHOD FOR TREATING WASTE WATER	OFFICAIL JOURNAL OF PATENT OFFICE	10000
5	Dr.PANKAJ SINGH	HIGHLY EFFICIENT ACTIVE CARBON	OFFICAIL JOURNAL OF PATENT OFFICE	10000
6	Dr.PANKAJ SINGH	A NOVEL PROCESS OF PREPRATION OF POLYSACCHARIDE	OFFICAIL JOURNAL OF PATENT OFFICE	10000
7	DR.ABHISHEK SHUKLA	A COMPUTER NETWORK SYSTEM FOR TRANSFERRING	OFFICAIL JOURNAL OF PATENT OFFICE	10000
8	Dr.PANKAJ SINGH	DICESION SUPPORT SYSTEM FOR ENERGY AND ENVIRONMENT SAVING	OFFICAIL JOURNAL OF PATENT OFFICE	10000
Year 2019-20				
S.N.	Name of teacher	Name of conference/ workshop attended for which financial support provided	Name of the professional body for which membership fee is provided	Amount of support received (in INR)
1	Dr.PANKAJ SINGH	PEST DETECTION AND CONTROL SYSTEM	OFFICAIL JOURNAL OF PATENT OFFICE	10000
2	MR.MOHD SHOEB	ENGINEERING MECHANICS	NPTEL	1000



  
 Director  
 R.D. Engineering College  
 Duha, Ghaziabad

**RAMESHWAR DAYAL EDUCATIONAL TRUST (2022-2023)**

B-385, 2ND FLOOR, NIRMAN VIHAR,  
DELHI- 110092

**FACULTY WELFARE EXPENSES**

Ledger Account

1-Apr-2022 to 31-Mar-2023

				Page 1
Date	Particulars	Vch Type	Debit	Credit
31-3-2023	To INDIAN BANK (A/C NO. 6248178852), MURADNAGAR, RDEC CH. NO. : 240477 PAID TO ISHARAR AHMAD FOR NPTEL ONLINE EXAM REIMBURSEMENT CHARGES	Payment	1,100.00	
	To INDIAN BANK (A/C NO. 6248178852), MURADNAGAR, RDEC CH. NO. : 240478 PAID TO HARSHVARDHAN BISHT FOR NPTEL ONLINE EXAM REIMBURSEMENT CHARGES	Payment	1,000.00	
	To INDIAN BANK (A/C NO. 6248178852), MURADNAGAR, RDEC CH. NO. : 240479 PAID TO CHIRAG SHARMA FOR NPTEL ONLINE EXAM REIMBURSEMENT CHARGES	Payment	1,000.00	
	To INDIAN BANK (A/C NO. 6248178852), MURADNAGAR, RDEC CH. NO. : 240480 PAID TO MD. SHOEB FOR NPTEL ONLINE EXAM REIMBURSEMENT CHARGES	Payment	1,100.00	
	To INDIAN BANK (A/C NO. 6248178852), MURADNAGAR, RDEC CH. NO. : 240481 PAID TO PAWAN KUMAR YADAV FOR NPTEL ONLINE EXAM REIMBURSEMENT CHARGES	Payment	1,100.00	
	To INDIAN BANK (A/C NO. 6248178852), MURADNAGAR, RDEC CH. NO. : 240482 PAID TO HARI SHANKAR SHARMA FOR NPTEL ONLINE EXAM REIMBURSEMENT CHARGES	Payment	1,000.00	
			6,300.00	
By	Closing Balance			6,300.00
			6,300.00	6,300.00



  
 Director  
 R.D. Engineering College  
 Duhai, Ghaziabad



**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

①

## Research Promotion Incentive Requisition Form

Date: 07/03/2023

Name of Institute: R. D. Engineering College, Ghaziabad

Name of Faculty: Isharax Ahmad

Designation: A.P

Department: CSE

Academic Session: 2022-23

Details of Research activity for which incentive is claimed:

Introduction to Automata (NPTEL)

Amount to be paid: 1100/-

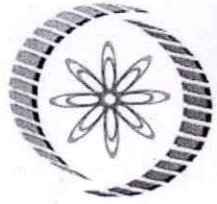
  
Signature of Candidate

  
Verified by HOD

  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

Director's Signature

Enclosure: Proof of activity as per required



# NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**ISHARAR AHAMAD**

for successfully completing the course

**Introduction to Automata, Languages and Computation**

with a consolidated score of **90 %**

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras

Director  
R.D. Engineering College  
Duhai, Ghaziabad



(Jan-Apr 2023)

Roll No: NPTEL23CS58S43591631

Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams.  
This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18

← Paid Successfully

Share Help

Amount

₹1,100 Rupees One Thousand One Hundred  
OnlyIITMADRAS 

Split this Payment

To

**lit Billdesk**


UPI ID: iit.billdesk@hdfcbank

View History

From

**Isharar Ahamad**

IA

Yes Bank - 3317 

Check Balance

Paid at 08:50 PM, 06 Mar 2023

UPI Ref No: 306518829156 Copy

POWERED BY  
**UPI**  
UNIFIED PAYMENTS INTERFACE  
Director  
R.D. Engineering College  
Duhai, Ghaziabad



**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

(4)

## Research Promotion Incentive Requisition Form

Date: 29/04/2023

Name of Institute: R.D. Engineering College, Ghaziabad

Name of Faculty: Chirag Sharma

Designation: A.P

Department: M.E

Academic Session: 2022-23

Details of Research activity for which incentive is claimed:

Introduction to fluid Mechanics (NPTEL)

Amount to be paid: 1000/-

Signature of Candidate  
*Chirag Sharma*

Verified by HOD  
*[Signature]*  
R.D. Engineering College  
Head  
ME

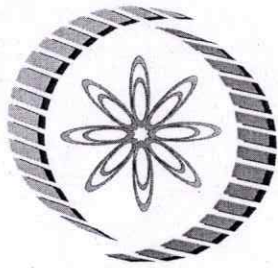


*[Signature]*  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

Director's Signature

Enclosure: Proof of activity as per required

15



**Elite**

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**CHIRAG SHARMA**

for successfully completing the course



## Introduction to Fluid Mechanics

with a consolidated score of **76** %

Online Assignments	20.56/25	Proctored Exam	55.5/75
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Total number of candidates certified in this course: **71**

Jan-Apr 2023  
(12 week course)

*[Signature]*  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

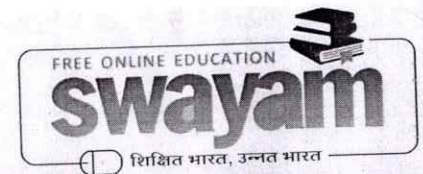


*[Signature]*

**Prof. Debjani Chakraborty**  
Coordinator, NPTEL  
IIT Kharagpur



Indian Institute of Technology Kharagpur



Roll No: NPTEL23ME42S63591311

To validate the certificate



No. of credits recommended: 3 or 4

**NPTEL**

E-LEARNING COURSES FROM THE IITS & IISC



**National Programme on Technology Enhanced Learning (NPTEL)**

**Receipt for successful payment of fees for online courses conducted by NPTEL  
Course Run:Jan-Apr 2023**

Name of candidate : **CHIRAG SHARMA**

Courses name : **Introduction To Fluid Mechanics**

Date of exam : **30-04-2023**

Mode of payment : **Billdesk**

Amount paid : **Rs.1000**

*We hereby acknowledge with thanks, the receipt of **Rs.1000** from the afore-mentioned candidate towards payment for NPTEL Online Certification Exam, details of which are shown above.*



  
Director,  
R.D. Engineering College  
Duhai, Ghaziabad





**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow

## Research Promotion Incentive Requisition Form

Date: 29/04/23

Name of Institute: R.D. Engg. College

Name of Faculty: Pawan Kumar Yadav

Designation: A.P.

Department: ME.

Academic Session: 2022-23

Details of Research activity for which incentive is claimed:

F.M. NPTEL

Amount to be paid: 1100/-

Signature of Candidate

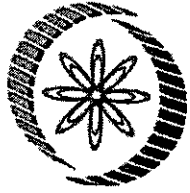
Verified by HOD



Director  
R.D. Engineering College  
Ghaziabad

Director's Signature

Enclosure: Proof of activity as per required



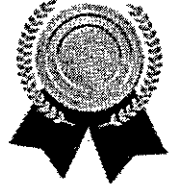
**Elite**

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to  
**PAWAN KUMAR YADAV**  
for successfully completing the course



## IC Engines and Gas Turbines

with a consolidated score of **76** %

Online Assignments	23.56/25	Proctored Exam	52.5/75
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Total number of candidates certified in this course: **461**

Jan-Apr 2023  
(12 week course)

**Prof. T. V. Bharat**  
Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology, Guwahati

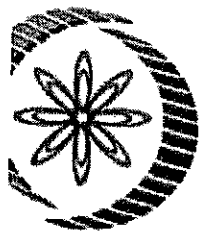


Roll No: NPTEL23ME5553591087

To validate the certificate

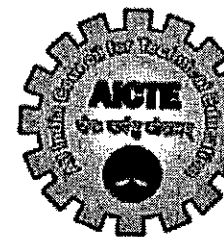


No. of credits recommended: 3 or 4



# NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



*This certificate is awarded to*

**PAWAN KUMAR YADAV**

*for successfully completing the course*

**IC Engines and Gas Turbines**

*with a consolidated score of* **76 %**

**Prof. Andrew Thangaraj**  
NPTEL Coordinator  
IIT Madras



**(Jan-Apr 2023)**

Bill No: NPTEL23ME55S53591087

Duration of NPTEL course : 12 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses. F.No. AICTE / RIFD / FDP through MOOCs / 2017-18



**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

## Research Promotion Incentive Requisition Form

Date: 07/03/2023

Name of Institute: R.D. Engineering College, Ghaziabad

Name of Faculty: Harishan Kaur Sharma

Designation: A.P

Department:

Academic Session: 2022-23

Details of Research activity for which incentive is claimed:

Multivariable Calculus (NPTEL)

Amount to be paid: 1000/-

Signature of Candidate

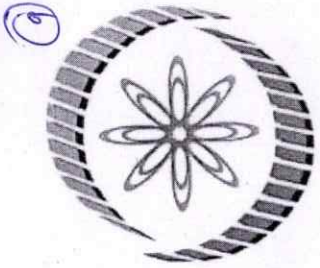
Verified by HOD



Director  
R.D. Engineering College  
Duhai, Ghaziabad

Director's Signature

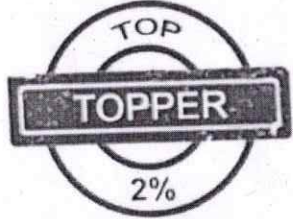
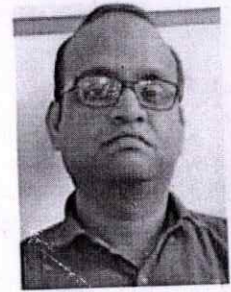
Enclosure: Proof of activity as per required



**Elite**

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**HARI SHANKER**

for successfully completing the course



## Multivariable Calculus

with a consolidated score of **94** %

Online Assignments	23.33/25	Proctored Exam	70.5/75
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Total number of candidates certified in this course: **125**

**Prof. Sanjeev Manhas**  
Coordinator, Continuing Education Centre  
IIT Roorkee

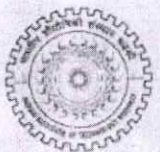
**Director**  
R.D. Engineering College  
Duhai, Ghaziabad

**Jan-Mar 2023**

**(8 week course)**



**Prof. Priti Maheshwari**  
NPTEL Coordinator  
IIT Roorkee



Indian Institute of Technology Roorkee



Roll No: NPTEL23MA09S44560501

To validate the certificate



No. of credits recommended: 2 or 3



**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

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## Research Promotion Incentive Requisition Form

Date: 22/09/2023

Name of Institute: R.D. Engineering College, Ghaziabad

Name of Faculty: Mohd Shoeb

Designation: A.P

Department: M.E

Academic Session: 2022-23

Details of Research activity for which incentive is claimed:

Product Design And Development (NPTEL)

Amount to be paid: 1100/-

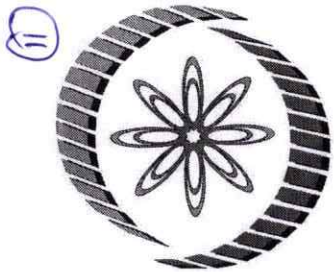
Signature of Candidate

Verified by HOD  
ME



Director  
R.D. Engineering College  
Duhai, Ghaziabad  
Director's Signature

Enclosure: Proof of activity as per required



**Elite**

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**MOHAMMAD SHOEB**

for successfully completing the course

**Product Design and Development**



with a consolidated score of **90** %

Online Assignments	25/25	Proctored Exam	64.5/75
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Total number of candidates certified in this course: **951**

**Prof. Kaushik Ghosh,**  
Professor (Chemistry)  
Coordinator CEC

**Jul-Aug 2023**

**(4 week course)**

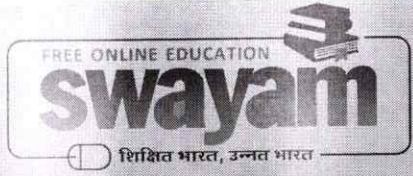


Director  
R.D. Engineering College  
Duhai, Ghaziabad

**Prof. Ranjana Pathania,**  
Professor (BSBE)  
Coordinator (NPTEL)



Indian Institute of Technology Roorkee



Roll No: NPTEL23ME123S35780881

To verify the certificate

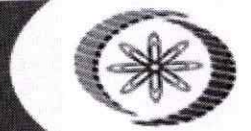


No. of credits recommended: 1 or 2

2

**NPTEL**

E-LEARNING COURSES FROM THE IITS & IISC



**National Programme on Technology Enhanced Learning (NPTEL)**

**Receipt for successful payment of fees for online courses conducted by NPTEL  
Course Run:Jul-Sep 2023**

Name of candidate : **Mohammad Shoeb**

Courses name : **Product Design And Development**

Date of exam : **24-09-2023**

Mode of payment : **Billdesk**

Amount paid : **Rs.1100**

  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

*We hereby acknowledge with thanks, the receipt of **Rs.1100** from the afore-mentioned candidate towards payment for NPTEL Online Certification Exam, details of which are shown above.*







**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

## Research Promotion Incentive Requisition Form

Date: 22/09/2023

Name of Institute: R. D. Engineering College, Ghaziabad

Name of Faculty: Suhail Khan

Designation: A.P

Department: E.S.E

Academic Session: 2022-23

Details of Research activity for which incentive is claimed:  
Wireless Communication (NPTEL)

Amount to be paid: 1000 /—

*Suhail Khan*  
Signature of Candidate

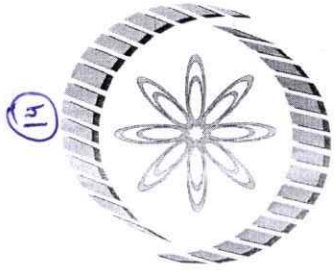
Verified by HOD



*[Signature]*  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

Director's Signature

Enclosure: Proof of activity as per required



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SUHAIL KHAN

for successfully completing the course

**Fundamentals of Wireless Communication (Hindi)**

with a consolidated score of **70** %

Online Assignments	23.5/25	Proctored Exam	46.94/75
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Total number of candidates certified in this course: **18**

**Dr. Anand Srivastava**

Coordinator

Continued Education Program, IIITD

**Jul-Sep 2023**

**(8 week course)**

Director  
R.D. Engineering College  
Duhai, Ghaziabad

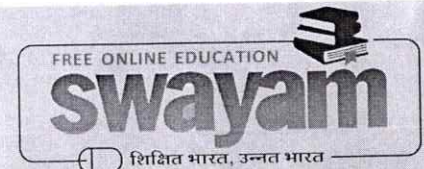
**Prof. Andrew Thangaraj**

NPTEL, Coordinator

IIT Madras



INDRAPRASTHA INSTITUTE of  
INFORMATION TECHNOLOGY DELHI



Roll No: NPTEL23EE94S35781157

To verify the certificate



No. of credits recommended: 2 or 3



**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

## Research Promotion Incentive Requisition Form

Date: 29/04/23

Name of Institute: R. D. Engineering College, Ghaziabad

Name of Faculty: Harjeet Singh

Designation: A.P

Department: AS&H

Academic Session: 2022-23

Details of Research activity for which incentive is claimed:

Advances Engineering Mathematics (NPTEL)

Amount to be paid: 1000-/-

Signature of Candidate

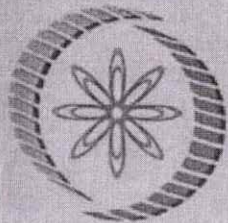
Verified by HOD



Director  
R.D. Engineering College  
Duhai, Ghaziabad  
Director's Signature

Enclosure: Proof of activity as per required

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Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

**HARJEET SINGH**

for successfully completing the course

## Advanced Engineering Mathematics

with a consolidated score of **69** %

Online Assignments	21.63/25	Proctored Exam	47/75
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Total number of candidates certified in this course: 66

Jan-Apr 2023

(12 week course)

Indian Institute of Technology Kharagpur



Prof. Debjani Chakraborty  
Coordinator, NPTEL  
IIT Kharagpur

*Signature*  
Director  
R.D. Engineering College  
Duhai, Ghaziabad



Roll No: NPTEL23MA33S63591273

To validate the certificate



No. of credits recommended: 3



**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

### Research Promotion Incentive Requisition Form

Date: 22/09/2023

Name of Institute: R. D. Engineering College, Ghaziabad

Name of Faculty: Suhail Khan

Designation: A.P

Department: E.C.E

Academic Session: 2022-23

Details of Research activity for which incentive is claimed:

Communication System using Matlab. (NPTEL)

Amount to be paid: 1000-/-

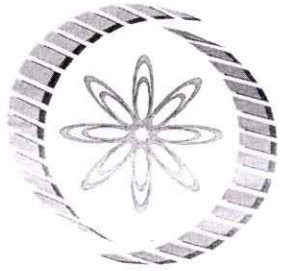
*Suhail Khan*  
Signature of Candidate

*[Signature]*  
Verified by HOD



*[Signature]*  
Director  
R.D. Engineering College  
Duhai, Ghaziabad  
Director's Signature

Enclosure: Proof of activity as per required



Elite

# NPTEL Online Certification

(Funded by the MoE, Govt. of India)



This certificate is awarded to

SUHAIL KHAN

for successfully completing the course

## Simulation of Communication Systems Using Matlab

with a consolidated score of **67** %

Online Assignments	23.1/25	Proctored Exam	44.25/75
--------------------	---------	----------------	----------

Total number of candidates certified in this course: **154**

**Jul-Oct 2023**

**(12 week course)**



**Prof. T. V. Bharat**

Head, Centre for Educational Technology  
NPTEL Coordinator, IIT Guwahati



Indian Institute of Technology Guwahati

Director  
R.D. Engineering College  
Duhai, Ghaziabad



शिक्षित भारत, उन्नत भारत

Roll No: NPTEL23EE136S735900963

To verify the certificate



No. of credits recommended: 3 or 4



(19)

**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow

## Research Promotion Incentive Requisition Form

Date: 29/01/23

**Name of Institute:** R.D. Engineering college, Ghaziabad

**Name of Faculty:** Mohd Shoeb

**Designation:** A.P

**Department:** M.E

**Academic Session:** 2022-23

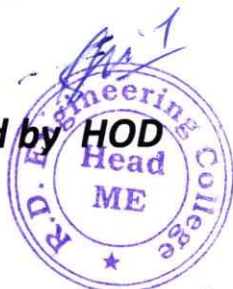
**Details of Research activity for which incentive is claimed:**

Manufacturing Automation (NPTEL)

**Amount to be paid:** 1000/-

**Signature of Candidate**

**Verified by HOD**

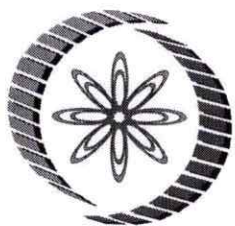


Head  
ME



Director  
R.D. Engineering College  
Duhai, Ghaziabad  
**Director's Signature**

**Enclosure: Proof of activity as per required**



# NPTEL-AICTE Faculty Development Programme

(Funded by the MoE, Govt. of India)



*This certificate is awarded to*

**MOHAMMAD SHOEB**

*for successfully completing the course*

**Manufacturing Automation**

*with a consolidated score of 82 %*

Prof. Andrew Thangaraj  
NPTEL Coordinator  
IIT Madras



Director  
R.D. Engineering College  
Duhai, Ghaziabad



(Jan-Feb 2023)

Roll No: NPTEL23ME62S44560442

Duration of NPTEL course : 4 Weeks

The candidate has studied the above course through MOOCs mode, has submitted online assignments and passed proctored exams. This certificate is therefore acceptable for promotions under CAS as per AICTE notifications dated 24<sup>th</sup> July 2018, similar to other refresher / orientation courses.  
F.No. AICTE / RIFD / FDP through MOOCs / 2017-18





**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

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## Research Promotion Incentive Requisition Form

Date: 05/12/2022

Name of Institute: R.D. Engineering College, Ghaziabad

Name of Faculty: Pankaj Singh

Designation: A.P

Department: C.E

Academic Session: 2022-23

Details of Research activity for which incentive is claimed:  
Custable and Curiable Magnetic Cement Composition and  
method for (Patent)

Amount to be paid: 10000/-

  
Signature of Candidate

  
Verified by HOD



  
Director  
R.D. Engineering College  
Duhai, Ghaziabad  
Director's Signature

Enclosure: Proof of activity as per required

Patent Register - [2022/13139]

Patent number

2022/13139

Title of invention

CASTABLE AND CURABLE MAGNETIC CEMENT COMPOSITION AND METHOD FOR

2022/12/05

Date of Acceptance  
2023/02/08

Date of expiry  
2042-12-05

Type of patent

Utility

Status

Accepted

Abstract

The present invention relates to a castable and curable magnetic cement composition and a method for casting and curing the same. The composition comprises a binder, a filler, a curing agent, a surface-active dispersing agent, a magnetic powder, and a curing accelerator. The method for casting and curing the composition involves casting the composition into a desired shape and curing it under a magnetic field.



Director  
R.D. Engineering College  
Duhai, Ghaziabad



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**R. D. Engineering College, Ghaziabad** College Code-231  
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## Research Promotion Incentive Requisition Form

Date: 14/10/2022

**Name of Institute:** R.D. Engineering College, Ghaziabad

**Name of Faculty:** Pankaj Singh

**Designation:** A.P

**Department:** C.E

**Academic Session:** 2022-23

**Details of Research activity for which incentive is claimed:**

Intelligenter inhalator für Asthmatiker (Patent)

**Amount to be paid:** 10000/-

*Pankaj Singh*  
**Signature of Candidate**

*Pankaj Singh*  
**Verified by HOD**



*[Signature]*  
**Director**  
R.D. Engineering College  
Duhai, Ghaziabad  
**Director's Signature**

**Enclosure: Proof of activity as per required**

# Urkunde

über die Eintragung des  
Gebrauchsmusters Nr. 20 2022 105 565

Bezeichnung:

Intelligenter Inhalator für Asthmatiker

IPC:

A61M 15/00

Inhaber/Inhaberin:

Ali, Kunwar Babar, Noida, Uttar Pradesh, IN  
Das, Saswat Kumar, Greater Noida, Uttar Pradesh, IN  
Keshari, Jaishanker Prasad, Dr., Sheikhpura, Bihar, IN  
Khan, Imran Ahmed, Dr., New Delhi, IN  
Krishan, Gopal, Dr., Greater Noida, Uttar Pradesh, IN  
Kumar, Sandeep, Greater Noida, Uttar Pradesh, IN  
Rathee, Naveen, Dr., Greater Noida, Uttar Pradesh, IN  
Singh, Pankaj Kumar, Dr., Ghaziabad, Uttar Pradesh, IN  
Singh, Shilpi, Dr., Ghaziabad, Uttar Pradesh, IN

Tag der Anmeldung:

30.09.2022

Tag der Eintragung:

14.10.2022



Die Präsidentin des Deutschen Patent- und Markenamts

*Cornelia Rudloff-Schäffer*

Cornelia Rudloff-Schäffer

München, 14.10.2022

*[Signature]*

Director  
R.D. Engineering College  
Ghaziabad



# R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS

## CASH VOUCHER

Voucher No. ....

Date 4/10/22 202

PARTICULARS	Amount	P.
	Rs.	
DEBIT Faculty Welfare A/c	10000	2
Being amount paid to Mr. Dr. Pankaj Singh for intelligent Inhalator for Asthmatic cement composition and Method for South African Patent		/
<b>Total Rs.</b>	10000	2
CREDIT Cash	10000	2
Ten thousand only		
<b>Total Rs.</b>	10000	2

Received the sum of Rupees Ten thousand

Rupees only

on account of .....

by Cash /cheque No. .... Dated .....

Rs. 10,000/-

Signature



  
Accountant

Director  
R.D. Engineering College  
Durai, Ghaziabad  
Authorised by 



**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

### Research Promotion Incentive Requisition Form

Date: 02/12/2022.

Name of Institute: R. D. Engineering College, Ghaziabad

Name of Faculty: Pankaj Singh

Designation: A.P

Department: CE

Academic Session: 2022-23

Details of Research activity for which incentive is claimed:

Curcumin Composition with Enhanced Bio availability (Patent).

Amount to be paid:

Signature of Candidate

Verified by HOD



Director  
R.D. Engineering College  
Duhai, Ghaziabad  
Director's Signature

Enclosure: Proof of activity as per required

(12) PATENT APPLICATION PUBLICATION  
(19) INDIA  
(22) Date of filing of Application :25/11/2022

(21) Application No.202211067986 A  
(43) Publication Date : 02/12/2022

(54) Title of the invention : CURCUMIN COMPOSITION WITH ENHANCED BIOAVAILABILITY, ANTI-DIABETIC, ANTI-CANCER ACTIVITY

(51) International classification :A61K0036670000, A61K0031120000, A23L0033105000, A61P0035000000, A61P0039060000  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No :NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
1)Mohd Yusuf  
Address of Applicant :Department of Natural and Applied Sciences, School of Technology, The Glocal University, Saharanpur, Uttar Pradesh, India- 247121 -----  
2)Prof. ( Dr.) Satish Kumar Sharma  
3)Sonam Khan  
4)Dr. Paul Richards Mooni  
5)Subham Biswal  
6)Shruti Singh  
7)Dr/Bgen Adrien R Quidlat  
8)Dr Shilpi Singh  
9)Dr Pankaj Kumar Singh  
Name of Applicant : NA  
Address of Applicant : NA  
(72)Name of Inventor :  
1)Mohd Yusuf  
Address of Applicant :Department of Natural and Applied Sciences, School of Technology, The Glocal University, Saharanpur, Uttar Pradesh, India- 247121 -----  
2)Prof. ( Dr.) Satish Kumar Sharma  
Address of Applicant :Professor & Dean, Glocal School of Pharmacy, Pro Vice Chancellor, The Glocal University, Mirza Pur Pole, Saharanpur, Uttar Pradesh- 247121 -----  
3)Sonam Khan  
Address of Applicant :35 anshik gali near post office, Kaulagarh, Dehradun, Utarakhand, India. -----  
4)Dr. Paul Richards Mooni  
Address of Applicant :Professor Aditya Banglore Institute of Pharmacy education and research Yelahanka, Bangalore. -----  
5)Subham Biswal  
Address of Applicant :Student DOCTORATE OF MEDICINE 3rd Year UNIVERSITY OF PERPETUAL HELP SYSTEM DALTA , Phillipines , PIN - 1700 -----  
6)Shruti Singh  
Address of Applicant :Student DOCTORATE OF MEDICINE UNIVERSITY OF PERPETUAL HELP SYSTEM DALTA , Phillipines , PIN - 1700 -----  
7)Dr/Bgen Adrien R Quidlat  
Address of Applicant :Executive Medical Director - Orthopedic Surgeon UNIVERSITY OF PERPETUAL HELP SYSTEM DALTA , Phillipines , PIN - 1700 -----  
8)Dr Shilpi Singh  
Address of Applicant :Associate Professor Management Noida International University U. P India- 203201 -----  
9)Dr Pankaj Kumar Singh  
Address of Applicant :Professor & Director R D Engineering College -Ghaziabad , U. P. India - 201205 -----  
10)Dr. Ravinder Singh Mann  
Address of Applicant :VPO Khojala Tehsil Batala Distt Gurdaspur Gurdaspur -----  
11)Shipra Kanwar  
Address of Applicant :Dewalchor Kham Haldwani, Manpur Paschim, Nainital, Uttarakhand- 263139, Nainital -----

(57) Abstract :  
A curcumin composition with enhanced bioavailability, anti-diabetic, anti-cancer activity, comprising: i) curcumin in the range of 35 - 45 %; ii) curcumin derivative in the range of 35 - 45 %; iii) green tea in the range of 5 - 10 %; iv) extract of soya bean in the range of 5 - 10 %; and v) long pepper in the range of 5 - 10%. A method for preparing the composition comprises of following steps, i) extracting the curcumin and derivatives from plant material with dichloromethane , followed by evaporation in a vacuum to obtain dichloromethane extract, ii) isolating the dichloromethane extract using silica gel chromatography, subsequently eluted from a solvent to obtain curcumin extract, and iii) mixing the curcumin extract with the derivatives, followed by addition of the green tea, extract of soya bean and long pepper to obtain composition.

No. of Pages : 16 No. of Claims : 5



Director  
R.D. Engineering College  
Duhai, Ghaziabad

# R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS

## CASH VOUCHER

Voucher No. ....

Date 2/12/22.202

PARTICULARS	Amount	
	Rs.	P.
DEBIT Faculty welfare - A/c	10000	2
Being amount of curcuhin comparition with Enhanced Avail- ability for official Journal of Patent office		/
<b>Total Rs.</b>	10000	
CREDIT cash	10000	
Ten thousand only		/
<b>Total Rs.</b>	10000	2

on account of .....  
by Cash /cheque No. .... Dated .....

Signature



Received the sum of Rupees ten thousand only Received Ten

  
Accountant

  
 Director  
 R.D. Engineering College  
 Duha, Ghaziabad

Authorised by





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**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

## **Research Promotion Incentive Requisition Form**

**Date:** 21/03/2023

**Name of Institute:** R.D. Engineering College, Ghaziabad

**Name of Faculty:** Pankaj Singh

**Designation:** A.P

**Department:** C.E

**Academic Session:** 2022-23

**Details of Research activity for which incentive is claimed:**

Environmental Monitoring Device (Patent)

**Amount to be paid:** 10000/-

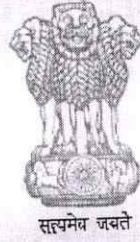
  
**Signature of Candidate**

  
**Verified by HOD**



  
Director  
R.D. Engineering College  
Duhai, Ghaziabad  
**Director's Signature**

**Enclosure: Proof of activity as per required**



ORIGINAL

मूल/No : 137739



भारत सरकार  
GOVERNMENT OF INDIA  
पेटेंट कार्यालय  
THE PATENT OFFICE

डिजाइन के पंजीकरण का प्रमाणपत्र  
CERTIFICATE OF REGISTRATION OF DESIGN

डिजाइन सं. / Design No.	:	381939-001
तारीख / Date	:	21/03/2023
पारस्परिकता तारीख / Reciprocity Date*	:	
देश / Country	:	

प्रमाणित किया जाता है कि संलग्न प्रति में वर्णित डिजाइन जो **ENVIRONMENTAL MONITORING DEVICE** से संबंधित है, का पंजीकरण, श्रेणी **10-05** में 1.Dr Mohammed Asef Iqbal 2. Dr Pankaj Kumar Singh 3.Dr Shilpi Singh 4.Dr.S.Boobalan 5.Dr .B Senthil Rathi 6.Dr .Sujatha.Sadana 7.Ms . Lavanya R 8.Dr. V.Kannan के नाम में उपर्युक्त संख्या और तारीख में कर लिया गया है।

Certified that the design of which a copy is annexed hereto has been registered as of the number and date given above in class **10-05** in respect of the application of such design to **ENVIRONMENTAL MONITORING DEVICE** in the name of 1.Dr Mohammed Asef Iqbal 2. Dr Pankaj Kumar Singh 3.Dr Shilpi Singh 4.Dr.S.Boobalan 5.Dr .B Senthil Rathi 6.Dr .Sujatha.Sadana 7.Ms . Lavanya R 8.Dr. V.Kannan.

डिजाइन अधिनियम, 2000 तथा डिजाइन नियम, 2001 के अधधीन प्रावधानों के अनुसरण में।  
In pursuance of and subject to the provisions of the Designs Act, 2000 and the Designs Rules, 2001.



*[Signature]*  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

निर्गमन की तारीख/Date of Issue : 24/05/2023

*[Signature]*  
महानियंत्रक पेटेंट डिजाइन और व्यापार चिह्न  
Controller General of Patents, Designs and Trade Marks

पारस्परिकता तारीख (यदि कोई हो) जिसकी अनुमति देश के नाम पर की गई है। डिजाइन का सत्त्वाधिकार पंजीकरण की तारीख से दस वर्षों के लिए होगा जिसका विस्तार, अधिनियम एवं नियम के निबंधनों के अधीन, पाँच वर्षों की अतिरिक्त अवधि के लिए किया जा सकेगा। इस प्रमाण पत्र का उपयोग विधिक कार्यवाहियों अथवा विदेश में पंजीकरण प्राप्त करने के लिए नहीं हो सकता है।  
\*The reciprocity date (if any) which has been allowed and the name of the country. Copyright in the design will subsist for ten years from the date of Registration, and may under the terms of the Act and Rules, be extended for a further period of five years. This Certificate is not for use in legal proceedings or for obtaining registration abroad.

# R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS

## CASH VOUCHER

Voucher No. ....

Date 21/3/23 202

PARTICULARS	Rs.	Amount	P.
DEBIT Faculty Welfare A/c	10000		2
Being amount of Environmental Monitoring Device for Dr. Pankaj Singh for official Journal of Patent office			/
<b>Total Rs.</b>	10000		
CREDIT Cash	10000		
Ten thousand only			/
<b>Total Rs.</b>	10000		2

Received the sum of Rupees Ten thousand only

on account of .....

by Cash /cheque No. .... Dated .....

Rs. 10,000 .....

Signature



  
Accountant

  
 Director  
 R.D. Engineering College  
 Duha, Ghaziabad

Authorised by



(29)

**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

## **Research Promotion Incentive Requisition Form**

**Date:** 21/06/2021

**Name of Institute:** R.D. Engineering College, Ghaziabad

**Name of Faculty:** Sanjay Palival

**Designation:** A.P

**Department:** M.E

**Academic Session:** 2021-22

**Details of Research activity for which incentive is claimed:**

An Automated Plateation Health Monitoring (Patent)

**Amount to be paid:** 10000 -/-

**Signature of Candidate**

**Verified by HOD**



**Director**  
R.D. Engineering College  
Duhai, Ghaziabad

**Director's Signature**

**Enclosure: Proof of activity as per required**



Australian Government

IP Australia

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# CERTIFICATE OF GRANT

## INNOVATION PATENT

**Patent number:** 2021103499

The Commissioner of Patents has granted the above patent on 4 August 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

Pankaj Kumar Singh of Dean-Research Department of Civil, R D Engineering College Ghaziabad Uttar Pradesh 201206 India

Ravi Shankar Singh of Dept. of Biochemistry, Microbiology &, Immunology, University of Saskatchewan Saskatoon, Canada S7N 5E5 Canada

D.R. Somashekar of Director -RKGIT, Ghaziabad Ghaziabad Uttar Pradesh 201003 India

Sanjeev Singh of Professor, Dept. Of Civil Engineering, KIET Group of Institution Ghaziabad Uttar Pradesh 201206 India

Prerna Gaur of Professor, Instr. & Control Enggg., East Campus NSUT, Sec -3, Dwarka Delhi Delhi 110075 India

Abhishek Singh of Asst. Professor, Dept. of Chemistry, Udai Pratap College Varanasi Uttar Pradesh 221002 India

Sanjay Paliwal of Associate Professor, Dept. of Mechanical, Engg., R D Engineering College Ghaziabad Uttar Pradesh 201206 India

Vivek Singh of Asst. Professor Botany, U.P. College Varanasi Uttar Pradesh 221002 India

Shaaswat Sharma of Vice President, R D Engineering College, 20 Newport Parkway, Apt # 603 New Jersey Jersey City, 07310 United States of America

**Title of invention:**

AN AUTOMATED PLANTATION HEALTH MONITORING SYSTEM AND A METHOD THEREOF

**Name of inventor(s):**

Singh, Pankaj; Singh, Ravi; Somashekar, D. R.; Singh, Sanjeev; Gaur, Prerna; Singh, Abhishek; Paliwal, Sanjay; Singh, Vivek and Sharma, Shaaswat

**Term of Patent:**

Eight years from 21 June 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.

  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

Dated this 4<sup>th</sup> day of August 2021

Commissioner of Patents



31

# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021105625

The Commissioner of Patents has granted the above patent on 17 November 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

R D Engineering College of NH No.58, Delhi - Meerut Expy, Duhai Ghaziabad Uttar Pradesh 201206 India  
University of Saskatchewan of Saskatoon Saskatchewan S7N 5E5 Canada  
Fortis Escorts Heart Institute of Okhla New Delhi Delhi 110025 India

**Title of invention:**

NOVEL CROP RECOGNITION TECHNIQUES FOR WEED CONTROL OF SELF LIFE OF CROPS AND HUMANS

**Name of inventor(s):**

Singh, Pankaj Kumar; Singh, Ravi Shankar; Bhadoriya, Shailendra S.; Sharma, Shaaswat; Singh, Manoj Kumar; Singh, Sanjeev; Paliwal, Sanjay; Upmanu, Vishal and Sharma, Sanjeev

**Term of Patent:**

Eight years from 17 August 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

Dated this 17<sup>th</sup> day of November 2021  
Commissioner of Patents



# R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS

## CASH VOUCHER

Voucher No. ....

Date 21/5/23.....202

PARTICULARS	Amount	
	Rs.	P.
DEBIT Faculty Welfare A/c	10000	2
Being amount paid to Mr. Sandeep Palival for AN Automated Platform Health Monitoring for Australian Innovation Patent		/
<b>Total Rs.</b>	10000	2
CREDIT Cash	10000	2
Ten thousand only		/
<b>Total Rs.</b>	10000	2

Received the sum of Rupees

Ten thousand only

Ten thousand only


on account of .....


by Cash /cheque No. 7

Dated .....

Rs. 10,000 .....

Signature



  
Accountant

  
 Director  
 R.D. Engineering College  
 Duhai, Ghaziabad



32

**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

## **Research Promotion Incentive Requisition Form**

**Date:** 26/06/2021

**Name of Institute:** R.D. Engineering College, Ghaziabad

**Name of Faculty:** Vishal Upmanu

**Designation:** A.P

**Department:** E.C

**Academic Session:** 2021-22

**Details of Research activity for which incentive is claimed:**

A system for Exchanging media Between Entities  
(Patent)

**Amount to be paid:** 10000/-

**Signature of Candidate**

**Verified by HOD**



  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

**Director's Signature**

**Enclosure: Proof of activity as per required**



# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021103643

The Commissioner of Patents has granted the above patent on 4 August 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

- Pankaj Singh of Director-Research, Department of Civil, R D Engineering College Ghaziabad Uttar Pradesh 201206 India
- Abhishek Shukla of Associate Professor-CSE, R D Engineering College Ghaziabad Uttar Pradesh 201206 India
- Pradeep Mishra of Asst. Professor, College of Agriculture, Powarkheda, J.N.K.V.V. Powarkheda Madhya Pradesh 461110 India
- Ritesh Pandey of Associate Professor, Department of Applied Sciences, SIET Prayagraj Uttar Pradesh 211015 India
- Kunwar Babar Ali of Asst. Prof., Dept. of Computer Science & Engg., Noida International University Greater Noida Uttar Pradesh 203201 India
- Prabhat Kumar Srivastava of Professor, Dept. of Computer Science & Engineering, Babu Banarasi Das University Lucknow Uttar Pradesh 226028 India
- Vishal Upmanu of Head & Associate Professor, ECE department, R D Engineering College Ghaziabad Uttar Pradesh 201206 India
- Avinash Dwivedi of Professor, Dept. of Computer Science & Engineering, JEMTEC Greater Noida Uttar Pradesh 201308 India
- Sanjeev Kumar Pippal of Professor, Department of CSE, GL Bajaj Institute of Tech. & Management Greater Noida Uttar Pradesh 201306 India
- Ganesh Gupta of Associate Professor, Department of CSE, GL Bajaj Institute of Tech. & Management Greater Noida Uttar Pradesh 201306 India
- Shivani Joshi of Professor, Department of CSE, GL Bajaj Institute of Tech. & Management Greater Noida Uttar Pradesh 201306 India

**Title of invention:**

A SYSTEM FOR EXCHANGING MEDIA BETWEEN ENTITIES

**Name of inventor(s):**

Singh, Pankaj; Shukla, Abhishek; Mishra, Pradeep; Pandey, Ritesh; Ali, Kunwar Babar; Srivastava, Prabhat Kumar; Upmanu, Vishal; Dwivedi, Avinash; Pippal, Sanjiv Kumar; Gupta, Ganesh and Joshi, Shivani

**Term of Patent:**

Eight years from 26 June 2021

Director  
R.D. Engineering College  
Duhai, Ghaziabad

Dated this 4<sup>th</sup> day of August 2021

Commissioner of Patents



# R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS

## CASH VOUCHER

Voucher No. ....

Date 25/6/21 202

PARTICULARS	Amount	
	Rs.	P.
DEBIT Faculty Welfare A/c	10000	2
Being amount of paid to Mr. Dr. Vishal Upmahekar for A System for Exchanging Media Between Entities for Australian Innovation Patent		
Total Rs.	10000	
CREDIT		
Cash	10000	
Ten thousand only		
Total Rs.	10000	2

Received the sum of Rupees Ten thousand  
Rupees only  
 on account of .....  
 by Cash /cheque No. 10000 Dated .....  
 RS. 10,000 .....

Signature 


  
 Accountant

Director  
 R.D. Engineering College  
 Durgam, Pune  
 Authorised by



(34)

**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

## **Research Promotion Incentive Requisition Form**

Date: 04/07/2021

**Name of Institute:** R.D. Engineering College, Ghaziabad

**Name of Faculty:** Sanjay Palival

**Designation:** A.P

**Department:** M.E

**Academic Session:** 2021-22

**Details of Research activity for which incentive is claimed:**

A Methyl Hg contaminated wastewater Treatment  
(Patent).

**Amount to be paid:** 10000/-

**Signature of Candidate**

**Verified by HOD**



  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

**Director's Signature**

**Enclosure: Proof of activity as per required**



Australian Government

IP Australia

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# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021103856

The Commissioner of Patents has granted the above patent on 25 August 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

Pankaj Kumar Singh of Director-Research, Department of Civil, R D Engineering College Ghaziabad Uttar Pradesh 201206 India

Ravi Shankar Singh of Dept. of Biochemistry, Microbiology & Immunology, University of Saskatchewan Saskatoon Saskatchewan S7N 5E5 Canada

Sanjeev Singh of Professor, Dept. Of Civil Engineering, KIET Group of Institution Ghaziabad Uttar Pradesh 201206 India

Abhishek Singh of Assistant Professor, Dept. of Chemistry, Udai Pratap College Varanasi Uttar Pradesh 221002 India

Sanjay Paliwal of Associate Professor, Dept. of Mechanical, Engineering, R D Engineering College Ghaziabad Uttar Pradesh 201206 India

Ashutosh Singh of Associate Professor, Dept. of Chemistry, K.S. Saket PG College Ayodhya Uttar Pradesh 224001 India

Shilpi Singh of Professor, R D Engineering College Ghaziabad Uttar Pradesh 201206 India

**Title of invention:**

A METHYL Hg CONTAMINATED WASTEWATER TREATMENT

**Name of inventor(s):**

Singh, Pankaj Kumar; Singh, Ravi Shankar; Singh, Sanjeev; Singh, Abhishek; Paliwal, Sanjay; Singh, Ashutosh and Singh, Shilpi

**Term of Patent:**

Eight years from 4 July 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

Dated this 25<sup>th</sup> day of August 2021

Commissioner of Patents



INNOVATION ACT 1990

# R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS

## CASH VOUCHER

Voucher No. ....

Date 4/7/21 202

PARTICULARS	Amount	P.
	Rs.	
DEBIT Faculty Welfare A/c	10000	✓
Being amount paid to Mr. Sahjay		
Paliwal for A Melhya Hg. Contamin-		
ated Wastewater <del>Treat</del> Treatment		✓
for Australian Innovation Plant		
<b>Total Rs.</b>	10000	✓
CREDIT cash	10000	
Ten thousand only		
<b>Total Rs.</b>	10000	✓

Received the sum of Rupees Ten thousand  
Rupees only  
 on account of .....

by Cash /cheque No. .... Dated .....

Rs. 10,000 .....

Signature 

  
 Accountant

Director  
 R.D. Engineering College  
 [Authorised by] .....



36

**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

## Research Promotion Incentive Requisition Form

Date: 17/08/2021

**Name of Institute:** R. D. Engineering College, Ghaziabad

**Name of Faculty:** Sanjeev Sharma

**Designation:** A.P

**Department:** EC

**Academic Session:** 2021-22

**Details of Research activity for which incentive is claimed:**

Novel Crop Recognition Techniques for weed control  
(Patent)

**Amount to be paid:** 10000 /-

  
**Signature of Candidate**



  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

**Director's Signature**

**Enclosure: Proof of activity as per required**



Australian Government

IP Australia

Year-2021

Dr. Shashi Singh (MBA)

Shashi Singh (MBA)

Sanjay Paliwal

Mechanical

(37)

Shaaswat Sharma

# CERTIFICATE OF GRANT INNOVATION PATENT

Patent number: 2021105625

The Commissioner of Patents has granted the above patent on 17 November 2021, and certifies that the below particulars have been registered in the Register of Patents.

**Name and address of patentee(s):**

R D Engineering College of NH No.58, Delhi - Meerut Expy, Duhai Ghaziabad Uttar Pradesh 201206 India  
University of Saskatchewan of Saskatoon Saskatchewan S7N 5E5 Canada  
Fortis Escorts Heart Institute of Okhla New Delhi Delhi 110025 India

**Title of invention:**

NOVEL CROP RECOGNITION TECHNIQUES FOR WEED CONTROL OF SELF LIFE OF CROPS AND HUMANS

**Name of inventor(s):**

Singh, Pankaj Kumar; Singh, Ravi Shankar; Bhadoriya, Shailendra S.; Sharma, Shaaswat; Singh, Manoj Kumar; Singh, Sanjeev; Paliwal, Sanjay; Upmanu, Vishal and Sharma, Sanjeev

**Term of Patent:**

Eight years from 17 August 2021

NOTE: This Innovation Patent cannot be enforced unless and until it has been examined by the Commissioner of Patents and a Certificate of Examination has been issued. See sections 120(1A) and 129A of the Patents Act 1990, set out on the reverse of this document.



*[Signature]*  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

Dated this 17<sup>th</sup> day of November 2021

Commissioner of Patents



PATENTS ACT 1990

The Australian Patents Register is the official record and should be referred to for the full details pertaining to this IP Right.

# R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS

## CASH VOUCHER

Voucher No. ....

Date 17/01/21.....202

PARTICULARS	Rs.	P.
DEBIT Faculty welfare A/c	10000	2
Being amount paid to Mr. Sahjear		
Sharma for Novel Corp.		
Recognition Techiques for Wedd		✓
control for IBM		
<b>Total Rs.</b>	10000	
CREDIT Cash	10000	
Ten thousand only		
<b>Total Rs.</b>	10000	2

Received the sum of Rupees Ten thousand  
Rupees only  
 on account of .....  
 by Cash /cheque No. .... Dated .....

Rs. 10,000 .....

Signature 

  
 Accountant

Director  
 R.D. Engineering College  
 Duhai, Ghaziabad  
 Authorised by 





**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

38

## Research Promotion Incentive Requisition Form

**Date:**

**Name of Institute:** R. D. Engineering College, Ghaziabad

**Name of Faculty:** Vishal Upmanu

**Designation:** A.P

**Department:** E.C.E

**Academic Session:** 2021-22

**Details of Research activity for which incentive is claimed:**

Data Science Course (IBM)

**Amount to be paid:** 35000/-

**Signature of Candidate**

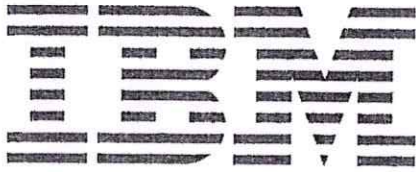
**Verified by HOD**



**Director**  
R.D. Engineering College  
Duhai, Ghaziabad

**Director's Signature**

**Enclosure: Proof of activity as per required**



This is to certify that

**Dr. Vishal Upmanu**

successfully completed and received a passing grade in

**Data visualization**  
(CEDVIIN, provided by IBMCEP)

A course on [excelr.skillsnetwork.site](https://excelr.skillsnetwork.site)  
Powered by IBM Developer Skills Network.

Issued by  
**ExcelR Solutions**

Jagadisha Bhat  
Country Manager - Software Services  
IBM India Pvt Ltd

Ram Tawwa  
CEO  
ExcelR Solutions

**June 25, 2022**

Authenticity of this certificate can be validated by going to:  
<https://courses.excelr.skillsnetwork.site/certificates/41394a6aeba142c29d0f452e4df2f784>

Director  
R.D. Engineering College  
Duhai, Ghaziabad

# R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS


## BANK VOUCHER

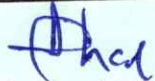
Date 9/2/23..202


Voucher No. ....

PARTICULARS	Amount	
	Rs.	P.
DEBIT Faculty Welfare A/c	35000	
Being amount paid to Mr. Vishal		
upadhyay for Data Science		
course paid th. cheque No.		
240063 dt. 9/2/23		
Total Rs.	35000	
CREDIT Indian Bank	35000	
Total Rs.	35000	

Received the sum of Rupees Received cheque  
Rs. 240063 dt. 9/2/23  
 on account of .....  
 by Cash /cheque No. .... Dated .....

Signature 


  
 Accountant I

  
 Director  
 R.D. Engineering College  
 Duhai, Ghaziabad



**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

40

## Research Promotion Incentive Requisition Form

Date: 30/04/2021

Name of Institute: R.D. Engineering College, Ghaziabad

Name of Faculty: Bhanu Singh

Designation: A.P

Department: C.E

Academic Session: 2020-21

Details of Research activity for which incentive is claimed:

A method for Treatment of Methyl (Patent)

Amount to be paid: 10000/-

Signature of Candidate

Verified by HOD



Director  
R.D. Engineering College  
Duhai, Ghaziabad

Director's Signature

Enclosure: Proof of activity as per required

(11)

9

(12) PATENT APPLICATION PUBLICATION  
(19) INDIA  
(22) Date of filing of Application :26/04/2021

(21) Application No.202111019114 A  
(43) Publication Date : 30/04/2021

(54) Title of the invention : A METHOD FOR TREATMENT OF METHYL HG CONTAMINATED WATER

(51) International classification :C02F0003320000,  
A61K0035620000,  
C12N0001120000,  
C02F0103000000,  
A01K0067033000

(31) Priority Document No :NA  
(32) Priority Date :NA  
(33) Name of priority country :NA  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No :NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :  
1)Pankaj Kumar Singh  
Address of Applicant :R.D. Engineering College 8th KM Mile  
Stone from Ghaziabad National Highway(NH) No.58, Delhi -  
Meerut Expy, Duhai, Ghaziabad, Uttar Pradesh 201206 Uttar  
Pradesh India  
2)Ravi Shanker Singh  
3)Shivesh Pratap Singh  
4)Sanjay Paliwal  
5)Jamal Mohammed  
6)Abhishek Singh  
7)Supriya

(72)Name of Inventor :  
1)Pankaj Kumar Singh  
2)Ravi Shanker Singh  
3)Shivesh Pratap Singh  
4)Sanjay Paliwal  
5)Jamal Mohammed  
6)Abhishek Singh  
7)Supriya

*R.D. Engg. college  
Dr. Shilpi Singh  
Dr. Parasrajit Kumar  
Dr. Urvasi Malakar  
Dr. Ravindra Singh  
Dr. Ekta*

(57) Abstract :  
The present disclosure relates to a composition for remediating methyl mercury contaminated water is disclosed. The composition includes an earthworm Eisenia fetida, algae consortia, and an adsorbent. The earthworm can feed on the algae consortia to survive in the water undergoing contamination therethrough. The algae consortium includes red algae, brown algae, and green algae. The treated water has COD in the range of 80-90%. The treated water has BOD>90%.

No. of Pages : 11 No. of Claims : 7

*\* Reply filed. Application in amended examination.*



*[Signature]*  
Director  
R.D. Engineering College  
Duhai, Ghaziabad, Uttar Pradesh

# R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS

## CASH VOUCHER

Voucher No. ....

Date 30/4/21 2022

Received the sum of Rupees 10000/- Ten thousand only  
 on account of .....  
 by Cash /cheque No. .... Dated .....  
 Rs. 10552 / -

PARTICULARS	Rs.	Amount P.
DEBIT Faculty Welfare A/c	10000	
Being amount paid to Mr Dr. Panwar Singh for A Method for Treatment of Melky for official <del>Journal</del> Journal of patent office		/
Total Rs.	10000	
CREDIT cash	10000	
Ten thousand only		/
Total Rs.	10000	

Signature 

  
 Accountant

  
 Director  
 R.D. Engineering College  
 Dandi, Ghaziabad

Authorised by



**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

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## Research Promotion Incentive Requisition Form

Date: 02/04/2021

Name of Institute: R.D. Engineering College, Ghaziabad

Name of Faculty: Sanjay Palival

Designation: A.P

Department: M.E

Academic Session: 2020-21

Details of Research activity for which incentive is claimed:

A Microbial Consortium for Treatment (Patent)

Amount to be paid: 10000.-

Signature of Candidate

Verified by HOD



Director  
R.D. Engineering College  
Duhai, Ghaziabad

Director's Signature

Enclosure: Proof of activity as per required

43  
98

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202111013581 A

(19) INDIA

(22) Date of filing of Application :26/03/2021

(43) Publication Date : 02/04/2021

(54) Title of the invention : A MICROBIAL CONSORTIUM FOR TREATMENT OF INDUSTRIAL WASTEWATER AND A METHOD THEREFOR

(51) International classification :C12N0001120000,  
C02F0003320000,  
C12N0001200000,  
C12N0001140000,  
C12P0039000000

(31) Priority Document No :NA  
(32) Priority Date :NA  
(33) Name of priority country :NA  
(86) International Application No :NA  
Filing Date :NA  
(87) International Publication No :NA  
(61) Patent of Addition to Application Number :NA  
Filing Date :NA  
(62) Divisional to Application Number :NA  
Filing Date :NA

(71)Name of Applicant :

1)Pankaj Kumar Singh

Address of Applicant :R.D Engineering College 8th km milestone from Ghaziabad National Highway(NH) no. 58, Delhi-Meerut Expressway, Duhai Ghaziabad Uttar Pradesh INDIA 201206 Uttar Pradesh India

2)Sanjeev Singh

3)Avinash Dwivedi

4)Ravi Shankar Singh

5)Sanjay Paliwal

6)Vrunda Karve

7)Rajdev Tiwari

8)Reema Kohli

9)Jyoti Sharma

10)Rashmi singh

11)G.L Tiwari

(72)Name of Inventor :

1)Pankaj Kumar Singh

2)Sanjeev Singh

3)Avinash Dwivedi

4)Ravi Shankar Singh

5)Sanjay Paliwal

6)Vrunda Karve

7)Rajdev Tiwari

8)Reema Kohli

9)Jyoti Sharma

10)Rashmi singh

11)G.L Tiwari

(57) Abstract :

The present disclosure relates to a microbial consortium for treatment of industrial wastewater, and a method therefor. The consortium includes an inoculation of a filamentous fungus, and at least one green microalgae deployed into industrial wastewater. The filamentous fungus is *Aspergillus niger* and the microalgae is *Chlorella vulgaris*. Spores of each of the consortium are of size in the range of 1.0E5/L to 1.2E9/L. The consortium further includes nanoparticles/nanomaterials, and/or combinations thereof. The consortium is deployed into industrial wastewater in forms selected from a group consisting of a sachet, a powder, a liquid, a spray, fumes, a gas, and so on.

No. of Pages : 20 No. of Claims : 8

Application in Exam (R)



  
Director  
R.D. Engineering College  
Duhai, Ghaziabad



# R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS

## CASH VOUCHER

Voucher No. ....

Date 2/4/21.....202

PARTICULARS	Rs.	Amount P.
DEBIT Faculty Welfare A/c	10000	
Being amount of A Microbial		
consulting Fee For Treatment paid		
to Mr. Sanjay Palival for official		
Journal of Patent office		
<b>Total Rs.</b>	10000	
CREDIT cash	10000	
Ten thousand only		
<b>Total Rs.</b>	10000	

Received the sum of Rupees

Received Ten

*Handwritten only*

on account of .....

by Cash /cheque No. ....

Dated .....

Rs. 10000/- .....

Signature



  
Accountant

  
 Director  
 R.D. Engineering College  
 Duhai, Ghaziabad



44

**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

## Research Promotion Incentive Requisition Form

Date: 28/08/2020

**Name of Institute:** R. D. Engineering college, Ghaziabad

**Name of Faculty:** Dr. Gourav Rastogi

**Designation:** A.P

**Department:** AS & H

**Academic Session:** 2020-21

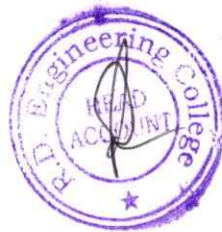
**Details of Research activity for which incentive is claimed:**

Method for Extracting Galactomannan (Patent)

**Amount to be paid:** 10,000/-

**Signature of Candidate**

**Verified by HOD**



**Director's Signature**  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

**Enclosure: Proof of activity as per required**

4) Title of the invention : METHOD FOR EXTRACTING GALACTOMANNAN FROM PLANT LEUCAENA EUCEOEPHALA

51) International classification	:A01N 65/00	(71)Name of Applicant : 1)Prof.(Dr.) Pankaj Kumar Singh Address of Applicant :R.D. Engineering College 8 th KM Mile Stone from Ghaziabad National Highway(NH) No.58, Delhi - Meerut Expy, Duhai, Ghaziabad, Uttar Pradesh 201206 Uttar Pradesh India
31) Priority Document No	:NA	2)Dr Prashant Singh
32) Priority Date	:NA	3)Dr Vivek Singh
33) Name of priority country	:NA	4)Dr. Gaurav Kumar Rastogi
36) International Application No	:NA	5)Dr Ashish Kumar Dwivedi
Filing Date	: NA	(72)Name of Inventor :
37) International Publication No	: NA	1)Prof.(Dr.) Pankaj Kumar Singh
51) Patent of Addition to Application Number	:NA	2)Dr Prashant Singh
Filing Date	:NA	3)Dr Vivek Singh
62) Divisional to Application Number	:NA	4)Dr. Gaurav Kumar Rastogi
Filing Date	:NA	5)Dr Ashish Kumar Dwivedi

57) Abstract :

The present invention provides a method for extracting a Leucaena leucocephala plant seed extract galactomannan. A method for extracting a Leucaena leucocephala plant seed extract, which includes crushing seeds, followed by extraction with a solvent.

No. of Pages : 22 No. of Claims : 10



Director  
R.D. Engineering College  
Duhai, Ghaziabad

# R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS

## CASH VOUCHER

Voucher No. ....

Date 28/8/20 202

PARTICULARS	Rs.	Amount	P.
DEBIT Faculty Welfare A/c	10000		.
Being amount paid to Mr. Gaukay Mr. Rastogi for Method For Extracting Galactomannan for official Journal of Patent office			/
<b>Total Rs.</b>	10000		
CREDIT Cash	10000		
Ten thousand only			/
<b>Total Rs.</b>	10000		


Received the sum of Rupees Ten thousand

only

on account of .....

by Cash /cheque No. .... Dated .....

Rs. 10,000 .....

  
 Signature

  
 Accountant

  
 Director  
 R.D. Engineering College  
 Duhai, Ghaziabad



46

**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

## Research Promotion Incentive Requisition Form

Date: 28/08/2020

Name of Institute: R. D. Engineering College, Ghaziabad

Name of Faculty: Sanjay Palwal

Designation: A.P

Department: M.E

Academic Session: 2020-21

Details of Research activity for which incentive is claimed:

Method for treating waste water (Patent)

Amount to be paid: 10000/-

Signature of Candidate

Verified by HOD  
ME



Director  
R.D. Engineering College  
Duhai, Ghaziabad

Director's Signature

Enclosure: Proof of activity as per required

47  
3

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011030466 A

(19) INDIA

(22) Date of filing of Application :16/07/2020

(43) Publication Date : 28/08/2020

(54) Title of the invention : METHOD FOR TREATING WASTEWATER USING FLY ASH AS ADSORBENT

(51) International classification :C04B  
 (31) Priority Document No 33/135  
 (32) Priority Date :NA  
 (33) Name of priority country :NA  
 (86) International Application No :NA  
 Filing Date :NA  
 (87) International Publication No :NA  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :  
**1)Prof.(Dr.) Pankaj Kumar Singh**  
 Address of Applicant :R.D. Engineering College 8 th KM Mile  
 Stone from Ghaziabad National Highway(NH) No.58, Delhi -  
 Meerut Expy, Duhai, Ghaziabad, Uttar Pradesh 201206 Uttar  
 Pradesh India  
**2)Jyoti Sharma**  
**3)Dr Vivek Singh**  
**4)Dr Prashant Singh**  
**5)Shashi Bhushan Suman**  
**6)Sanjay Paliwal**  
 (72)Name of Inventor :  
**1)Prof.(Dr.) Pankaj Kumar Singh**  
**2)Jyoti Sharma**  
**3)Dr Vivek Singh**  
**4)Dr Prashant Singh**  
**5)Shashi Bhushan Suman**  
**6)Sanjay Paliwal**

(57) Abstract :

The present disclosure relates to a cost-effective wastewater treatment method. More specifically the present disclosure focuses on effect of parameters such as combination ratio of fly ash and wood ash, contact time, adsorbent dosage and particle size of adsorbent along with 5 microalgae for treatment of wastewater. The present disclosure focuses on the use of fly ash alone and optionally in combination with microalgae as an effective method for wastewater treatment.

No. of Pages : 25 No. of Claims : 10

Granted withy NBA



  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

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Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

(<http://ipindia.nic.in/index.htm>)



(<http://ipindia.nic.in/index.htm>)

### Application Details

APPLICATION NUMBER	202011030466
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	16/07/2020
APPLICANT NAME	1 . Prof.(Dr.) Pankaj Kumar Singh 2 . Jyoti Sharma 3 . Dr Vivek Singh 4 . Dr Prashant Singh 5 . Shashi Bhushan Suman 6 . Sanjay Paliwal 7 . Dr Sanjeev Singh 8 . Dr Ravi Shankar Singh (Ph.D) 9 . Reema Kohli 10 . Dr Abhishek Singh 11 . Dr. Ashutosh Singh 12 . Mr. Akhilesh Singh
TITLE OF INVENTION	METHOD FOR TREATING WASTEWATER USING FLY ASH AS ADSORBENT
FIELD OF INVENTION	BIOTECHNOLOGY
E-MAIL (As Per Record)	ipr@singhwal.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	14/12/2020
PUBLICATION DATE (U/S 11A)	28/08/2020
REPLY TO FER DATE	03/01/2022



  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

# R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS

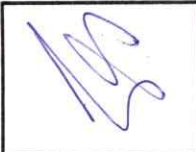
## CASH VOUCHER

Voucher No. ....

Date 28/01/2022

PARTICULARS	Amount	
	Rs.	P.
DEBIT Faculty Welfare A/c	10000	
Being amount paid to Mr. Sanjay Palival for Method For Treating Wast Water for official Journal of Patent office		/
<b>Total Rs.</b>	10000	
CREDIT - cash	10000	
<del>then</del> Ten thousand only		
<b>Total Rs.</b>	10000	/

Received the sum of Rupees 10000/- Ten thousand only  
 on account of .....  
 by Cash /cheque No. Rs. 10,000/- Dated .....

Signature 

  
 Accountant

Director  
 R.D. Engineering College  
 Authorised by  
 Ghaziabad





**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

49

## Research Promotion Incentive Requisition Form

Date: 28/08/2020

Name of Institute: R.D. Engineering College, Ghaziabad

Name of Faculty: Pankaj Singh

Designation: A.P

Department: C.E

Academic Session: 2020-21

Details of Research activity for which incentive is claimed:

Highly Efficient Active Carbon (Patent)

Amount to be paid: 10000/-

Signature of Candidate

Verified by HOD



Director  
R.D. Engineering College  
Duhai, Ghaziabad  
Director's Signature

Enclosure: Proof of activity as per required

Title of the invention : HIGHLY EFFICIENT ACTIVE CARBON, THE PROCESS FOR PREPARATION AND USES THEREOF

International classification	:C13B 20/12	(71)Name of Applicant : 1)Aatif Khan Address of Applicant :R.D. Engineering College 8 th KM Mile Stone from Ghaziabad National Highway(NH) No.58, Delhi - Meerut Expy, Duhai, Ghaziabad, Uttar Pradesh 201206 Uttar Pradesh India
Priority Document No	:NA	2)Rekha Sharma
Priority Date	:NA	3)Shashi Bhushan Suman
Name of priority country	:NA	4)Samshul
International Application No	:NA	5)Prof.(Dr.) Pankaj Kumar Singh
Filing Date	:NA	6)Anjali Singh
International Publication No	:NA	(72)Name of Inventor :
Patent of Addition to Application Number	:NA	1)Aatif Khan
Filing Date	:NA	2)Rekha Sharma
Divisional to Application Number	:NA	3)Anjali Singh
Filing Date	:NA	4)Prof.(Dr.) Pankaj Kumar Singh
		5)Samshul
		6)Shashi Bhushan Suman

## 7) Abstract :

The present invention provides highly efficient active carbon which is obtained from natural resources and landfill composites and the process for preparation thereof. The present invention further relates to a method of removing toxic substances from waste water.

Number of Pages : 21 No. of Claims : 10



*[Signature]*  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

24/07/2020

4 51

3:45



VoLTE 3G 4G+

# ← Application Status



Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

## Application Details

APPLICATION NUMBER	202011031876
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	24/07/2020
APPLICANT NAME	1 . Prof.(Dr.) Pankaj Kumar Singh 2 . Anjall Singh 3 . Shashi Bhushan Suman 4 . Rekha Sharma 5 . Samshul 6 . Aatif Khan 7 . Dr Ravi Shankar Singh (Ph.D 8 . Dr Sanjeev Sharma 9 . Dr D R Somasheshakar 10 . Sanjay Paliwal 11 . Anupam
TITLE OF INVENTION	HIGHLY EFFICIENT ACTIVE CARBON, THE PROCESS FOR PREPARATION



Director  
R.D. Engineering College  
Duhai, Ghaziabad

# R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS

## CASH VOUCHER

Voucher No. ....

Date 28/01.....2023

PARTICULARS	Amount	
	Rs.	P.
DEBIT Faculty Welfare A/c	10000	/
Being amount of <del>fact</del> faculty welfare charges paid to Mr. Dr. Pankaj singh for Highly Efficient Activb carbon for official Journal of Patent office		
Total Rs.	10000	
CREDIT cash	10000	
Ten thousand only		
Total Rs.	10000	/

Received the sum of Rupees 10000/- Ten thousand only  
 on account of .....  
 by Cash /cheque No. .... Dated .....  
 Rs. 10000/-

Signature



  
 Accountant

Director  
 R.D. Engineering College  
 Durgam Chaudhary  
 Authorised by



(52)

**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

## **Research Promotion Incentive Requisition Form**

**Date:** 09/08/2020

**Name of Institute:** R.D. Engineering College, Ghaziabad

**Name of Faculty:** Pankaj Singh

**Designation:** A.P

**Department:** C.E

**Academic Session:** 2020-21

**Details of Research activity for which incentive is claimed:**

A novel Process of Preparation of Polysaccharide (Patent).

**Amount to be paid:** 10000/-

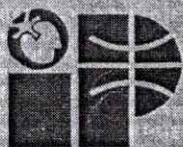
  
**Signature of Candidate**

  
**Verified by HOD**



  
Director  
R.D. Engineering College  
Duhai, Ghaziabad  
**Director's Signature**

**Enclosure: Proof of activity as per required**



**INTELLECTUAL  
PROPERTY INDIA**

PATENTS | DESIGNS | TRADE MARKS  
GEOGRAPHICAL INDICATIONS



सत्यमेव जयते

भारत सरकार  
GOVERNMENT OF INDIA

पेटेंट कार्यालय  
THE PATENT OFFICE

पेटेंट प्रमाणपत्र  
PATENT CERTIFICATE  
(Rule 74 of The Patents Rules)

क्रमांक : 011154037  
SL No :



पेटेंट सं. / Patent No.	415092
आवेदन सं. / Application No.	202011034130
फाइल करने की तारीख / Date of Filing	09/08/2020
पेटेंटी / Patentee	1.Prof.(Dr.) Pankaj Kumar Singh 2.Dr Prashant Singh 3.Dr Vivek Singh 4.Dr. Gaurav Kumar Rastogi et al. et al. et al.

प्रमाणित किया जाता है कि पेटेंटी को, उपरोक्त आवेदन में यथाप्रकटित A NOVEL PROCESS FOR PREPARATION OF POLYSACCHARIDE OR ITS DERIVATIVE FROM CASSIA SEEDS नामक आविष्कार के लिए, पेटेंट अधिनियम, 1970 के उपबंधों के अनुसार आज तारीख अगस्त 2020 के नौवें दिन से बीस वर्ष की अवधि के लिए पेटेंट अनुदत्त किया गया है।

It is hereby certified that a patent has been granted to the patentee for an invention entitled A NOVEL PROCESS FOR PREPARATION OF POLYSACCHARIDE OR ITS DERIVATIVE FROM CASSIA SEEDS as disclosed in the above mentioned application for the term of 20 years from the 9<sup>th</sup> day of August 2020 in accordance with the provisions of the Patents Act,1970.

INTELLECTUAL  
PROPERTY INDIA  
IS | DESIGNS | TRADE MARKS  
GEOGRAPHICAL INDICATIONS



अनुदान की तारीख : 21/12/2022  
Date of Grant :

*[Signature]*  
पेटेंट नियंत्रक  
Controller of Patent

**टिप्पणी** - इस पेटेंट के नवीकरण के लिए फीस, यदि इसे बनाए रखा जाना है, अगस्त 2022 के नौवें दिन को और उसके पश्चात प्रत्येक वर्ष से उसी दिन देय होगी।

**Note.** - The fees for renewal of this patent, if it is to be maintained will fall / has fallen due on 9<sup>th</sup> day of August 2022 and on the same day in every year thereafter.



*[Signature]*  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

54) Title of the invention : A NOVEL PROCESS FOR PREPARATION OF POLYSACCHARIDE OR ITS DERIVATIVE FROM CASSIA SEEDS

51) International classification :A61K0036482000, C08L0005140000, C07H0001080000, C07K0001340000, A61K0038460000

31) Priority Document No :NA  
 32) Priority Date :NA  
 33) Name of priority country :NA  
 86) International Application No :NA  
 Filing Date :NA  
 87) International Publication No :NA  
 61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 67) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :  
 1)Prof.(Dr.) Pankaj Kumar Singh  
 Address of Applicant :R.D. Engineering College 8 th KM Mile Stone from Ghaziabad National Highway(NH) No.58, Delhi - Meerut Expy, Duhai, Ghaziabad, Uttar Pradesh 201206 Uttar Pradesh India  
 2)Dr Prashant Singh  
 3)Dr Vivek Singh  
 4)Dr. Gaurav Kumar Rastogi  
 5)Dr Abhishek Singh  
 6)Anjali Singh

(72)Name of Inventor :  
 1)Prof.(Dr.) Pankaj Kumar Singh  
 2)Dr Prashant Singh  
 3)Dr Vivek Singh  
 4)Dr. Gaurav Kumar Rastogi  
 5)Dr Abhishek Singh  
 6)Anjali Singh

(57) Abstract :  
 The present invention provides a method for preparing polysaccharide or its derivative from Cassia seeds. Specifically, the present invention provides a method for 5 extracting and isolating highly pure and therapeutically effective polysaccharide or its derivative from Cassia seeds.

No. of Pages : 12 No. of Claims : 10



*[Signature]*  
 Director  
 R.D. Engineering College  
 Duhai, Ghaziabad

# R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS

## CASH VOUCHER

Voucher No. ....

Date 9/8/20 202

PARTICULARS	Amount	
	Rs.	P.
DEBIT Faculty welfare A/c	10000	/
Being amount of paid to Mr.		
Pankaj Singh for A Novel		
Process of <del>Rep</del> Preparation of		
Polysaccharide for official Journal		
of Paten office		
<b>Total Rs.</b>	10000	
CREDIT Cash	10000	
Ten thousand only		/
<b>Total Rs.</b>	10000	

Received the sum of Rupees 10000/- Ten thousand only

on account of .....

by Cash /cheque No. 10,000/- Dated .....

Signature

Accountant

Director  
R.D. Engineering College  
Duhai, Ghaziabad  
**Authorized by**





**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

55

## Research Promotion Incentive Requisition Form

Date: 23/10/2020

Name of Institute: R.D. Engineering College, Ghaziabad

Name of Faculty: Abhishek Shukla

Designation: A.P

Department: CSE

Academic Session: 2022-21

**Details of Research activity for which incentive is claimed:**

A Computer Network System for Transferring  
(Patent)

Amount to be paid: 10000/-

Signature of Candidate

Verified by HOD



Director  
R.D. Engineering College  
Duhai, Ghaziabad

Director's Signature

Enclosure: Proof of activity as per required

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202011043301 A

(19) INDIA

(22) Date of filing of Application :05/10/2020

(43) Publication Date : 23/10/2020

(54) Title of the invention : A COMPUTER NETWORK SYSTEM FOR TRANSFERRING FILE USING NETWORK SOCKETS

(51) International classification

(31) Priority Document No

(32) Priority Date

(33) Name of priority country

(86) International Application No  
Filing Date

(87) International Publication No

(61) Patent of Addition to Application Number  
Filing Date

(62) Divisional to Application Number  
Filing Date

:H04L

29/06

H04L

29/08

H04N

21/4147

:NA

:NA

:NA

:NA

:NA

:NA

:NA

:NA

:NA

:NA

(71)Name of Applicant :

1)Prof.(Dr.) Pankaj Kumar Singh

Address of Applicant :R.D. Engineering College 8 th KM  
Mile Stone from Ghaziabad National Highway(NH) No.58, Delhi  
- Meerut Expy, Duhai, Ghaziabad, Uttar Pradesh 201206 Uttar  
Pradesh India

2)Prabhakar Dubey

3)Dr Abhishek Shukla

4)Dr Pradeep Mishra

5)Kunwar Babar Ali

6)Dr. Prabhat Kr Srivastava

7)Dr. Ritesh Pandey

(72)Name of Inventor :

1)Prof.(Dr.) Pankaj Kumar Singh

2)Prabhakar Dubey

3)Dr Abhishek Shukla

4)Dr Pradeep Mishra

5)Kunwar Babar Ali

6)Dr. Prabhat Kr Srivastava

7)Dr. Ritesh Pandey

⑧ R.D. Engineering College

(57) Abstract :

A system of computer processing devices connected over a computer network, and adapted to transfer file transfer using network sockets. The system includes a first computer receiving device connected to a first input device, which receives a first user input for enabling 5 receiving of one or more files from the first input device, processes the first user input and creates one or more network socket for receiving the one or more files. The system further includes a second computer sending device connected to a second input device, which receives a second user input for enabling sending of one or more files from the second input device, processes the second user input and creates one or more network socket for sending the one or 10 more files. The second computer sending device further receives a file and a socket identification to which the file is to be sent, and the second computer device further processes the file and the socket identification, and generates a byte stream, and further establish connection to a network socket with the socket identification, and thereafter sends the byte stream to the network socket of the first computer receiving device. The first computer 15 receiving device receives and processes the byte stream, and generates the file. The socket is defined as a communication mechanism bound by the socket identification which is combination of IP address of computer processing device on which the socket is created, and a port number.

No. of Pages : 19 No. of Claims : 7

Awaiting Report for Examination



Director  
R.D. Engineering College  
Duhai, Ghaziabad



**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

(57)

## Research Promotion Incentive Requisition Form

Date: 02/10/2020

Name of Institute: R.D. Engg. college. gzb.

Name of Faculty: Dr. Pankaj Singh.

Designation: A.P.

Department: CE.

Academic Session: 2020-21

Details of Research activity for which incentive is claimed:

Discussion support system for engg and environment saving  
(Patent)

Amount to be paid: 10000/—

  
Signature of Candidate

  
Verified by HOD



  
Director  
R.D. Engineering College  
Duhai, Ghaziabad  
Director's Signature

Enclosure: Proof of activity as per required

8  
6

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202041040604 A

(19) INDIA

(22) Date of filing of Application :18/09/2020

(43) Publication Date : 02/10/2020

(54) Title of the invention : DECISION SUPPORT SYSTEM FOR ENERGY AND ENVIRONMENT SAVING

(51) International classification :H04L67/125  
 (31) Priority Document No :NA  
 (32) Priority Date :NA  
 (33) Name of priority country :NA  
 (86) International Application No :NA  
 Filing Date :NA  
 (87) International Publication No :NA  
 (61) Patent of Addition to Application Number :NA  
 Filing Date :NA  
 (62) Divisional to Application Number :NA  
 Filing Date :NA

(71)Name of Applicant :

1)Prof.(Dr.) Pankaj Kumar Singh

Address of Applicant :R.D. Engineering College 8 th KM Mile Stone from Ghaziabad National Highway(NH) No.58, Delhi - Meerut Expy, Duhai, Ghaziabad, Uttar Pradesh 201206 Uttar Pradesh India

2)Dr Sanjeev Singh

Dr Sanjeev Sharma

3)Dr. Avinash Dwivedi

Dr. Sansukha

4)Dr Ravi Shankar Singh (Ph.D)

Dr. Pradeep Mishra

5)Dr. Neha Sharma

Dr. Prabhakar K.

6)Shaaswat Sharma

Prabhakar Debbar

(72)Name of Inventor :

1)Prof.(Dr.) Pankaj Kumar Singh

Amyam

2)Dr Sanjeev Singh

3)Dr. Avinash Dwivedi

4)Dr Ravi Shankar Singh (Ph.D)

5)Dr. Neha Sharma

6)Shaaswat Sharma

(57) Abstract :

ABSTRACT: A decision support system for hydrological assessment for a hydrological system of a facility. The system includes a memory unit adapted to store at least a social data, a financial data, a technical data, or an environmental data, or combination thereof, a rule 5 engine adapted to store a set of rules, an input unit adapted to receive a facility input related to a facility for a hydrological assessment is to be carried out, and a processing unit adapted to receive and process the facility input, and to fetch at least the social data, the financial data, the technical data, or the environmental data, or combination thereof based on the set of rules, and to generate a hydrological assessment for the facility. 10 Figure: Fig. 1 is the representative figure.

No. of Pages : 27 No. of Claims : 3

Application in Examination (R)





Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

(<http://ipindia.nic.in/index.htm>)



(<http://ipindia.nic.in/index.htm>)

Application Details

APPLICATION NUMBER	202041040604
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	18/09/2020
APPLICANT NAME	1 . Prof.(Dr.) Pankaj Kumar Singh 2 . Dr Sanjeev Singh 3 . Dr. Avinash Dwivedi 4 . Dr Ravi Shankar Singh (Ph.D) 5 . Dr. Neha Sharma 6 . Shaaswat Sharma 7 . Dr Sanjeev Sharma 8 . Dr D R Somashesh akar 9 . Dr Pradeep Mishra 10 . Dr. Prabhat Kr Srivastava 11 . Prabhakar Dubey 12 . Anupam
TITLE OF INVENTION	DECISION SUPPORT SYSTEM FOR ENERGY AND ENVIRONMENT SAVING
FIELD OF INVENTION	COMMUNICATION
E-MAIL (As Per Record)	patent@adastraip.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	patent@aumirah.com
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	22/01/2021
PUBLICATION DATE (U/S 11A)	02/10/2020
REPLY TO FER DATE	24/01/2022

*[Signature]*  
Director  
R.D. Engineering College  
Duhai, Ghaziabad



# R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS

## CASH VOUCHER

Voucher No. ....

Date 23/10/22 2022

PARTICULARS	Amount	
	Rs.	P.
DEBIT Faculty Welfare A/c	10000	
Being amount of paid to Mr. Dr. Pankaj Singh for Decision support system For Energy and Environment saving for official Journal of Patent office		/
Total Rs.	10000	
CREDIT Cash	10000	
Ten thousand only		/
Total Rs.	10000	

Received the sum of Rupees

Received Rs

10000/- Ten thousand only

on account of .....

by Cash /cheque No. ....

Dated .....

Rs. 10,000 .....

Signature

Accountant

Director  
 R.D. Engineering College  
 Duhan, Ghaziabad  
 Authorised by



**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr.APJ Abdul Kalam Technical University, Lucknow

60

## Research Promotion Incentive Requisition Form

Date: 20/12/2019

Name of Institute: R.D. Engg. College Gzb.

Name of Faculty: Dr. Pankaj Singh.

Designation: A.P.

Department: CE.

Academic Session: 2019-20

Details of Research activity for which incentive is claimed:

Pest Detection and control system. (Patent)

Amount to be paid: 10000/-

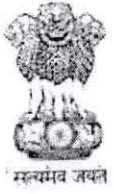
  
Signature of Candidate

  
Verified by HOD



  
Director  
R.D. Engineering College  
Duhai, Ghaziabad  
Director's Signature

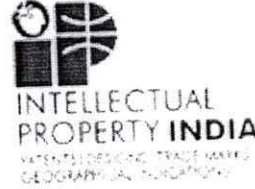
Enclosure: Proof of activity as per required



Office of the Controller General of Patents, Designs & Trade Marks  
Department of Industrial Policy & Promotion,  
Ministry of Commerce & Industry,  
Government of India

60

(<http://ipindia.nic.in/index.htm>)



(<http://ipindia.nic.in/index.htm>)

### Application Details

APPLICATION NUMBER	201911051419
APPLICATION TYPE	ORDINARY APPLICATION
DATE OF FILING	12/12/2019
APPLICANT NAME	1 . R D ENGINEERING COLLEGE 2 . Dr Shilpi Singh 3 . Dr. Parsanjeet Kumar 4 . Dr. Urvashi Makkar 5 . Prof Prerna Gaur 6 . Dr Sanjeev Sharma 7 . Dr. Pankaj Singh 8 . Dr. Ravi Shankar Singh (Ph.D.) 9 . Dr. Shivani Joshi 10 . Dr. Avinash Dwivedi 11 . Dr. Vikas Chaudhary 12 . Dr.Ekta 13 . Jyoti Chaudhary
TITLE OF INVENTION	PEST DETECTION AND CONTROL SYSTEM IN SMART FARMING USING IOT
FIELD OF INVENTION	ELECTRONICS
E-MAIL (As Per Record)	contact@elpisanalytix.com
ADDITIONAL-EMAIL (As Per Record)	
E-MAIL (UPDATED Online)	
PRIORITY DATE	
REQUEST FOR EXAMINATION DATE	27/08/2022
PUBLICATION DATE (U/S 11A)	20/12/2019



  
Director  
R.D. Engineering College  
Duhai, Ghaziabad



# R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS

## CASH VOUCHER

Voucher No. ....

Date 20/12/20 202

PARTICULARS	Amount	
	Rs.	P.
DEBIT Faculty welfare A/c	10000	
Being amount of patent charge paid to Mr. Dr. Pankaj Singh for Pest Detection & control system for official Journal of Patent office		/
<b>Total Rs.</b>	10000	
CREDIT cash	10000	
Ten thousand only		/
<b>Total Rs.</b>	10000	

Received the sum of Rupees Ten thousand only

on account of .....

by Cash /cheque No. ....

Dated .....

Rs. 10000/-

Signature



  
Accountant

Authorised by



**R. D. Engineering College, Ghaziabad** College Code-231  
Approved by AICTE & Affiliated to Dr. APJ Abdul Kalam Technical University, Lucknow

62

## Research Promotion Incentive Requisition Form

Date: 17/11/2019

Name of Institute: R. D. Engg College Gzb.

Name of Faculty: Mohd. Shueb.

Designation: A.P.

Department: ME

Academic Session: 2019-20

Details of Research activity for which incentive is claimed:

Engineering Mechanics (NPTEL)

Amount to be paid: 1000/-

Signature of Candidate

Verified by HOD



Director  
R.D. Engineering College  
Duhai, Ghaziabad  
Director's Signature

Enclosure: Proof of activity as per required

63



Roll No: NPTEL19ME41S61350054

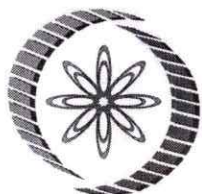
To  
MOHD SHOEB  
D 101, K W SRISHTI , RAJNAGAR EXTENSION  
GHAZIABAD  
UTTAR PRADESH  
201017  
PH. NO :6396761032

Score	Type of Certificate
>=90	Elite+Gold
75-89	Elite+Silver
>=60	Elite
40-59	Successfully Completed
<40	No Certificate



**No. of credits recommended by NPTEL:3**

An additional 1 credit may be awarded if the University deems it fit, based on the actual student effort involved.



# NPTEL Online Certification

(Funded by the Ministry of HRD, Govt. of India)



*Director*  
Director  
R.D. Engineering College  
Duhai, Ghaziabad

This certificate is awarded to

**MOHD SHOEB**

for successfully completing the course

**Engineering Mechanics**

with a consolidated score of **55** %

Online Assignments	14.13/25	Proctored Exam	40.75/75
--------------------	----------	----------------	----------



*Devendra Galihal*

Total number of candidates certified in this course: 43

*[Signature]*

 NPTEL

E-LEARNING COURSES FROM THE IITs & IISC



**National Programme on Technology Enhanced Learning (NPTEL)**

**Receipt for successful payment of fees for online courses conducted by NPTEL  
Course Run: Jun-Nov 2019**

Name of candidate : **MOHD SHOEB**

Courses name : **Engineering Mechanics**

Date of exam : **2019-11-17**

Mode of payment : **Billdesk**

Amount paid : **Rs.1000**

  
Director  
R.D. Engineering College  
Duhai, Ghaziabad



*We hereby acknowledge with thanks, the receipt of Rs.1000 from the afore-mentioned candidate towards payment for NPTEL Online Certification Exam, details of which are shown above.*

# R.D. ENGINEERING COLLEGE TECHNICAL CAMPUS


## CASH VOUCHER

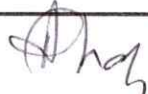
Voucher No. ....

Date 17/11/23 202

PARTICULARS	Amount	
	Rs.	P.
DEBIT Faculty Welfare A/c	1000	
Being amount of Engg-Mechanics for MPTL charges paid to Mr. Mr. Shobh		/
<b>Total Rs.</b>	1000	
CREDIT Cash	1000	
one thousand only		/
<b>Total Rs.</b>	1000	

Received the sum of Rupees One thousand ~~Rs. 1000~~  
 Ten thousand Received  
 on account of .....  
 by Cash /cheque No. 1000 Dated .....  
 RS.....

Signature 

  
 Accountant

Director  
 R.D. Engineering College  
 Duh  
 Authorised by

(65)

**RAMESHWAR DAYAL EDUCATIONAL TRUST (2022-2023)**

B-385, 2ND FLOOR, NIRMAN VIHAR,  
DELHI- 110092

**FACULTY WELFARE EXPENSES**

Ledger Account

1-Apr-2022 to 31-Mar-2023

Date	Particulars	Vch Type	Debit	Page 1 Credit
31-3-2023	To INDIAN BANK (A/C NO. 6248178852), MURADNAGAR, RDEC CH. NO. : 240477 PAID TO ISHARAR AHMAD FOR NPTEL ONLINE EXAM REIMBURSEMENT CHARGES	Payment	1,100.00	
	To INDIAN BANK (A/C NO. 6248178852), MURADNAGAR, RDEC CH. NO. : 240478 PAID TO HARSHVARDHAN BISHT FOR NPTEL ONLINE EXAM REIMBURSEMENT CHARGES	Payment	1,000.00	
	To INDIAN BANK (A/C NO. 6248178852), MURADNAGAR, RDEC CH. NO. : 240479 PAID TO CHIRAG SHARMA FOR NPTEL ONLINE EXAM REIMBURSEMENT CHARGES	Payment	1,000.00	
	To INDIAN BANK (A/C NO. 6248178852), MURADNAGAR, RDEC CH. NO. : 240480 PAID TO MD. SHOEB FOR NPTEL ONLINE EXAM REIMBURSEMENT CHARGES	Payment	1,100.00	
	To INDIAN BANK (A/C NO. 6248178852), MURADNAGAR, RDEC CH. NO. : 240481 PAID TO PAWAN KUMAR YADAV FOR NPTEL ONLINE EXAM REIMBURSEMENT CHARGES	Payment	1,100.00	
	To INDIAN BANK (A/C NO. 6248178852), MURADNAGAR, RDEC CH. NO. : 240482 PAID TO HARI SHANKAR SHARMA FOR NPTEL ONLINE EXAM REIMBURSEMENT CHARGES	Payment	1,000.00	
By	Closing Balance		6,300.00	6,300.00
			<b>6,300.00</b>	<b>6,300.00</b>



  
Director  
R.D. Engineering College  
Duhai, Ghaziabad