Proposal for project
On

Replacement of Fine Aggregate by Marble Slurry and Natural Aggregate by Recycled Aggregates.

Submitted by

Professor (Dr.) Bharat Nagar (Principal investigator)

Asst.Professor Mukesh Choudhary

(Co. Principal investigator)

Department of Engineering & Technology (Civil)

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Chaksu, Jaipur, Rajasthan INDIA

PROPOSAL FOR RESEARCH PROJECT

PART – A

1.	Broad Subject	:	Effectiveness of PSA on residents of major cities of Rajasthan (Jaipur, Udaipur, Alwar ,Sikar ,Pali & Tonk)
2.	Area of Specialization	:	Marketing
3	Duration of Project	:	3 Years
4. (i)	Principal Investigator Name, Designation Qualification	:	Prof. Vaishali Sharma PhD, MBA
(ii)	Address	:	Jagannath University , IP-2& 3, Phase IV,Sitapura Ind. Area, Opp. Chokhi Dhani,Jaipur, Pin 302022 (Rajasthan).
(iii)	Teaching and Research Experience	:	12 Years , 5 Years
5. (i)	Co – Investigator(s) if any Name, Designation Qualification	:	**Ms. Pooja Kudesia** FPM (Pursuing), PGDBA , B.A Black Belt in Six Sigma

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(ii)	Address	:	
(iii)	Teaching and Research Experience	:	
6	Name of the Institution where the project will be undertaken	:	Jagannath University
7	Publications	:	
Papers Published : 8 Accepted : 8 Communicated :8			
Books Published : Accepted : Communicated : Any Other : MOOCs : 13			

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PART – B

Proposed Research Work

8.(i)	Project Title	**Assessing Impact & Reach of Swachh Bharat Campaign amongst the residents of major cities of Rajasthan (Jaipur, Udaipur, Alwar ,Sikar ,Pali & Tonk)**

(ii) **Introduction:-**

Rajasthan also is known as "Land of Kings " , is the fourth largest state of India . It is also home to seventh largest population in India . The state is predominantly marked by inhospitable terrain, the Thar Desert. The state boosts of having ninth largest state economy of India with a GDP of US $130bn. However, it fares quite poorly on human development index , by being ranked 22nd amongst Indian states.

The total number of poor in Rajasthan stands at 16.7 million with a global hunger index of 20.97. The sex ratio in the state stands at 926 as compared 940 (nationwide). It Gender Related Development Index stands at (31 out of 35) and Gender Empowerment Rank stands at (24 out of 35). The prevalence of chronic undernourishment stands at 14% with 40% of children under the age of 5 years reporting to be underweight.

Its Inequality Adjusted Human Development Index (HDI) rank stands at 13 (out of 19) with an average literacy rate of 67.06% as compared to 74.04%(nationwide).

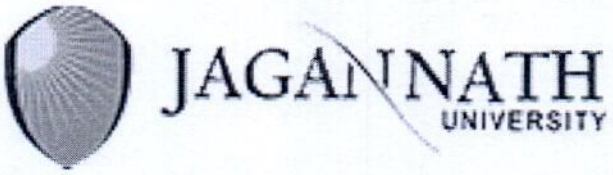
Initiative to improve HDI ranking :

One of most of significant initiative to improve HDI as well as meeting Sustainable Development Goals , is the Swachh Bharat Abhiyaan. The mission was launched in 2014. The citizens were invited to participate in the program. The initiatives has been hugely popular amongst the citizens of India . The Prime Minister himself has quoted the efforts of people in contributing to the clean India initiative .One of the initiatives was Open Defection Free (ODF) & Open Defection Free (ODF) Plus.Under the ODF scheme , over 76 Lac (76,42,490) toilets have been built in the state . All the 33

Management of Problematic Soil of Arid Eastern Plain zone of Rajasthan

Submitted by

Dr. M.C. Bohra (PI), Professor



DEPARTMENT OF SOIL SCIENCE

JAGAN NATH UNIVERSITY, CHAKSU, JAIPUR

JAGANNATH UNIVERSITY

PROJECT PROPOSAL

On

Exploring Entrepreneurship Potentials for Farm Women in Animal Husbandry in zone III a in Rajasthan

2018-19

Ganesh Ram Jat

Assistant Professor, Livestock and Poultry Management

(Principal Investigator)

Dr S L Sharma

Professor, Agronomy

(Co- Investigator)

Submit to

Director

Kwality Limited,

F-82, Shivaji Place, Rajouri Garden

New Delhi—110027

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Jagan Nath University, Jaipur

Proposal for project

on

Enhancing productivity of mungbean for food, nutritional security and livelihood through improved package technology at farmers field participatory trials (FFPT) in Semi-arid Eastern Plain Zone of Rajasthan

Submitted by

Professor (Dr.) G. R. Chaudhary

Professor (Dr.) S. L. Sharma

Asstt.Professor Kamal Kant Sharma

JAGAN NATH UNIVERSITY, CHAKSU, JAIPUR

TO

LOFTEN INDIA PVT. LTD.

PARK STREET KOLKATA

Proposal for project

on

Research Project Proposal

on

Smart Hydroponic system using IOT

Principal Investigator

Dr. Ramesh Bharti, Professor

Department of Engineering & Technology

Co-Principal Investigator

Mr. Gajendra Shrimal, Assistant Professor

Department of Engineering & Technology

Mr. Ajay Kumar,

Assistant Professor, Department of Agriculture

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PROPOSAL FOR RESEARCH PROJECT

PART – A

1.	Broad Subject	:	CHEMISTRY
2.	Area of Specialization	:	Natural Products Chemistry/ Phytochemistry
3	Duration of Project	:	36 Months
4. (i)	Principal Investigator Name, Designation Qualification	:	Dr. ANIL KUMAR SHARMA, Professor, Ph.D.
(ii)	Address	:	Department of Physical Sciences, Jagan Nath University, Chaksu, Jaipur, Rajasthan INDIA 303901
(iii)	Teaching and Research Experience	:	12 Years and 02 Months
5. (i)	Co – Investigator(s) if any, Name, Designation Qualification	:	NO

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(ii)	Address	:	NA
(iii)	Teaching and Research Experience	:	NA
6	Name of the Institution where the project will be undertaken	:	Department of Physical Sciences, Jagan Nath University
7	Publications	:	

Papers Published : 24 Communicated : 01		Accepted : 02
Books Chapters Published : 03 Communicated : 00 Any Other : 00		Accepted : 00

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JAGANNATH UNIVERSITY JAIPUR

PART – B

Proposed Research Work

8.(i) Project Title : **Phytochemical investigation of some endemic plants of Rubiaceae family and evaluation of their Antidiabetic, Antimicrobial and Antioxidant activities using isolated Phytoconstituents**

(ii) Introduction:

The bioactive compounds of medicinal plants are used as chemotherapeutic, anti-inflammatory, anti arthritic, antidiabetic, antimicrobial, antioxidant agents where no satisfactory cure is present in modern medicines [1,2]. Many plants have shown their immense potential to fight against dreadful diseases including cancer, diabetic, microbial infection etc.

Diabetes mellitus is a metabolic disorder characterized by a loss of glucose homeostasis with disturbances of carbohydrate, fat and protein metabolism resulting from defects in insulin secretion, insulin action, or both. According to WHO, it is estimated that 3% of the world's population have diabetes and the prevalence is expected to double by the year 2025 to 6.3% [3].

Similarly Antimicrobial drugs have failed to discourage the growth of many bacteria and fungi that have genetic ability to transmit and acquire resistance to drugs [4]. Thus, infections with these bacteria and fungi are associated with high morbidity and mortality especially with immune compromised patients [5]. In addition, many researchers have established the side effect of overuse and misuse antimicrobial drugs which can harm vital organs like liver, kidneys and some cells such as the pancreas and spleen as well as their impact on the immune system. The known success of traditional medicine has guided the search for new chemotherapeutic alternatives to eliminate the infections caused by drug-resistant microbes and to reduce the harm caused by antibiotic [6].

In the same way free radicals and other reactive oxygen species (ROS) generated in living organisms participate in many diseases including cancer, cardiovascular diseases, immunodeficiency, liver injury and infections [7]. Due to the huge costs of modern therapy