

SCS No. 2233
DATE 18.01.2021

Date: 14.1.2020

The Principal
Guru Nanak Dev Engineering College
Ludhiana
Through TEQIP-III Coordinator
Through HOD (ECE)

May be considered.

Nodal Officer (HOD) for
HOD

Subject: Seed money grant for pursuing an interdisciplinary project on Antenna development

Respected Sir,

It is to bring into your kind notice that I have enrolled for PhD under IKG PTU, Kapurthala. The topic for my research is Antenna designing utilizing 3D printing technology.

For pursuing this, I require financial assistance in the form of seed money for successful research in the proposed work. Kindly, grant me seed money help for the same.

The synopsis for the project is attached alongwith.

I shall be highly obliged for this favor of yours.

Sincerely yours

Chahat Jain

Chahat Jain

Assistant professor

Deptt. of ECE

GNDEC

Recd. 2 Pwd.

1/18/2021
18/1/2021

On the basis of HOD (ECE) recommendation, may be considered.

HOD

Allowed.

2021

To

The Principal
Guru Nanak Dev Engineering College
Ludhiana

Recommended

Through: TEQIP-III Co-ordinator

II

Subject: Request of seed money for material testing of my Ph.D research work

Sir,

I working as assistant professor from last seven years in this college and also pursuing my Ph.D research work in the field of thermal spray coatings on boiler steels. The coatings are done by conventional hot spray and newly developed cold spray techniques. The research will help to compare and evaluate the performance of thermal spray coatings at high temperatures to enhance service life of boiler steels in coal fired power plants. The study will also proved to be beneficial in understanding the level of protection offered by newly developed cold spray coatings in steels when employed at high temperatures.

For this, the characterization of uncoated and coated samples before and after experimentation is required to be done. Therefore, testing and evaluation of the samples is urgently required. The cost of testing with other details are attached herewith.

I will also acknowledge TEQIP-III in my publications as well as in my research work.

Therefore, I request your good self to sanction the seed money of Rs 1,15,109/- (one lakh fifteen thousand one hundred nine only) for research work.

I shall be grateful to you

Thanking You

Deepak Dhand
Research Scholar

Prof. Jasmaninder Singh Grewal
(Supervisor)

Allowed

Self

Prof (D.) J S Grewal
Supervisor
for

Ref. No.: PE. 471

Date: 11/02/2021

Principal

Guru Nanak Dev Engineering College

Ludhiana

Through TEQIP-III Coordinator

Through HOD (PE)

May be considered (Note)

11

Subject: Seed money grant for pursuing an interdisciplinary project on Enhancement of flame retardancy and dielectric strength of Thermoplastic materials.

Respected Sir,

It is to bring into your kind notice that I have enrolled for PhD at NIT, Uttarakhand. The topic for my research is Recycling of thermoplastics using thermosetting materials as reinforcement by Additive Manufacturing.

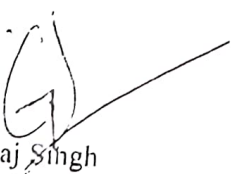
For pursuing this, I require financial assistance in the form of seed money for successful research in the proposed work. Kindly, grant me seed money help for the same.

In this project 2-3 students can be accommodated for their Master's thesis. Currently, Jasdeep Singh, student of M.Tech. Production Engineering has initiated his dissertation work with this topic.

The synopsis for the project is attached alongwith.

I shall be highly obliged for this favor of yours.

Yours sincerely


Gulraj Singh

Assistant professor

Production Engineering Department

GNDEC

Recommended
Jasdeep Singh
11/02/2021

Note: — (i) In each paper, TEQIP III must be acknowledged.
(ii) In Patent (if any) must be acknowledged. 11
Allowed as recommended See — pro

Date: 03.07.2020

To

The Principal
Guru Nanak Dev Engineering College
Ludhiana

Subject:- Request for Seed Money for setup of experimental facilities of PhD research work

Sir

I am pursuing my PhD research work in field of yield improvement in steel mill. I am making/getting fabrication of experimental set up for measurement of rolling load in a grooved steel hot rolling mill. The following items will be used in the experimental set up:-

1. Load cell (compression type)
2. Digital Indicator
3. Wiring requirements
4. Miscellaneous like frame for load cell and digital indicator with fitting charges etc.

After completion of experimentation, the set up will be placed in the mechanical engineering department to carry out further research in this area by B.Tech / M.Tech students/ PhD scholars.

I am enclosing herewith approved synopsis copy for your kind consideration.

I therefore request your good self to sanction the seed money of Rs.40,000/- (Rupees forty thousand only) for this research work.

I shall be grateful to you

Thanking you

Gulvir Singh
Assistant Professor
Mechanical Engineering Department
Guru Nanak Dev Engineering College
Ludhiana - 141 006

Encl.: a/a

Received

H.O.

TEGIP - III
Covers

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to be used with

Also

Se

NO:- PE / C-32 / 490

DT:- 25-02-2021

May be considered subject to
condition all purchase papers finished before
15.2.21

Nodal Officer (idea) for

Coordinator, TEQIP-III,
Guru Nanak Dev Engineering College,
Ludhiana.

Sub:- Application for seed grant of research project under TEQIP-III

Through:- HOD, PE

Sir,

As per Letter No. TEQIP-III Dated 24.09.2019, I hereby submit application for seed grant. Details pertaining to project are given hereafter as per guidelines:-

Title of the Project:- Investigation of improvement in service life of turbine material by thermal spray coatings to counter slurry erosion.

Name of Investigator:- Kanwalpreet Sahni

Brief Introduction:- Annexure-I

Literature Review:- Annexure-II

Problem Formulation:- Annexure-III

Objectives:- Annexure-IV

Methodology:- Annexure-V

Expected Outcomes:- Annexure-VI

How this project will useful for college:- Annexure-VII

Tentative Budget:- Annexure-VIII

You are requested to kindly consider this project as it is closely related with current problems & trends in industry. Efforts will be made to carry forward this project at advanced levels in later stage because this will provide a platform for students & faculty to work in association with industry.

With Regards,

Kanwalpreet Sahni
A.P. (PE)

Enclosed:-

I. Annexure I to VIII

Allowed for
modification & Rig in
First Phase.
Sd/-

Recommended
Jain
25/02/2021

Coordinator, TEQIP-III,
Guru Nanak Dev Engineering College,
Ludhiana.

ME No. 7766
Date 11.9.2020

Sub:- Application for seed grant of research project under TEQIP-III

Through:- HOD, ME

Sir,

As per Letter No. TEQIP-III Dated 24.09.2019, I hereby submit application for seed grant. Details pertaining to project are given hereafter as per guidelines:-

Title of the Project:- **Investigations on Material Degradation & Performance of Thermally Sprayed Coatings & Materials in High Temperature Aggressive Environment in Industry.**

Name of Investigator:- **Lakhveer Singh Khana**

Duration:- **12 Months**

Brief Introduction:- **Annexure-I**

Literature Review:- **Annexure-II**

Problem Formulation:- **Annexure-III**

Objectives:- **Annexure-IV**

Methodology:- **Annexure-V**

Expected Outcomes:- **Annexure-VI**

How this project will useful for college:- **Annexure-VII**

Tentative Budget:- **Annexure-VIII**

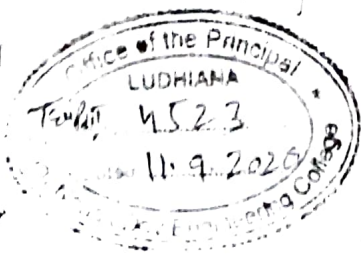
You are requested to kindly consider this project as it is closely related with current problems & trends in industry. Efforts will be made to carry forward this project at advanced levels in later stage because this will provide a platform for students & faculty to work in association with industry.

With Regards,

Lakhveer Singh Khana,
A.P. (ME)

Enclosed:-

1. Annexure I to VI



Plan of seed grant to
initiate project placed at
top priority for consideration
& fund. It may be useful
to form a committee to make
the project self