



NEO TOIL-S INDUSTRIES

MANUFACTURER OF QUALITY TOILET, & WASHING SOAPS, DETERGENT & PHENYLES & SHAMPOO

39, Manik Baug. Vadgaon (Bk), Pune - Sinhagad Road, Pune - 411 051.

Tele Fax : (O) 24359749, 24359175 (Resi.) 26452037. 9373334362

Email : sampatti@eth.net / sampatti@hotmail.com / neotoils@yahoo.co.in

Website : www.neotoils.com kirankumarshah@neotoils.com

Date : 14 Feb 2023

Sanction Letter

To,

The Principal

Haribhai V. Desai College

Pune

Subject: Sanction of Research Project Grant

Respected Principal Sir,

We are very happy to share with you that the research project grant of Rs. 10,00,000/- is sanctioned from NEO TOIL-S Industries, Pune to you. We expect you to carry out your proposed research with the help of faculty members to the best possible manner and report to us at the end of each project.

Please accept our heartiest congratulations to you and the leadership of your institution on such a prestigious selection.

Kirankumar K Shah

Proprietor

NEO TOIL-S Industries

SANCTION LETTER

To,
The Principal,
Haribhai V Desai College,
Pune.

14th February 2023

SUBJECT: Sanction of Research Project Grant

Respected Principal Sir,

JVS COMATSCO INDUSTRIES PVT LTD, Pune is a leading green technology corporate brand, which bears its lineage to the over four decades old and renowned Patel Group.

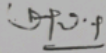
The JVS brand entity has business interests in sustainable building material and renewable and bio-energy endeavours.

We are happy to share with you that the research project grant of Rs. 9,00,000/- (Rupees Nine Lakhs only) is sanctioned from JVS COMATSCO INDUSTRIES PVT LTD, Pune to you.

We expect you to carry out your proposed research with the help of faculty members in the best possible manner and report to us at the end of each project.

Please accept our heartiest congratulations to you and the leadership of your institution on such a prestigious selection.

For JVS COMATSCO INDUSTRIES PVT LTD



DIRECTOR





The Poona Gujarati Kelavani Mandal's

HARIBHAI V. DESAI COLLEGE

of Arts, Science & Commerce

Affiliated to Savitribai Phule Pune University

(Linguistic Minority Institution)

ID No: PU / PN / ASC / 057 / (1984)

NAAC Grade B+ (2.75 CGPA) ■ AISHE CODE : C-41829

Principal:

Dr. Rajendra G. Gurao

M.Sc., Ph.D.

Email: principal@hvdesaicollege.edu.in

Date: 18th April 2023

Report of the Activity

1. A Research Project Progress report meeting was scheduled on 15th April 2023. Total Sixteen Principal Investigators presented the progress of their project work as per given schedule.
2. Principal, Vice Principal and College Research committee members were present for the Research Project Progress report meeting.
3. Principal Investigator presented the progress on research work via powerpoint presentation mode.
4. Committee members suggested suggestions to PI's and guided in various topics in order to make a positive progress on their research project.

Dr. Vikram Pandit



Principal
Principal
Haribhai V Desai College
(Arts, Science & Commerce)
Pune-02

Telephone: (Prin.) (O) : 020-246 3914, (O) 2445 0373, 2445 5423 Mobile: 96991 97848

Address: Desai Brother's Vidya Bhavan, 596, Budhwar Peth, Pune - 411 002 | Website: www.hvdesaicollege.org



The Poona Gujarati Kelavani Mandal's

HARIBHAI V. DESAI COLLEGE

of Arts, Science & Commerce

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ID No.: PU / PN / ASC / 057 / (1984)

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Principal:

Dr. Rajendra G. Gurao

M.Sc., Ph.D.

Email: principal@hvdesaicollege.edu.in

Date: 15th April 2023

Minutes of the Meeting

A Research Project Progress report meeting was scheduled on 15th April 2023. Principal Investigators presented the progress of their project work as per following schedule.

Sr. No.	Name of Principal Investigator	Time
1	Mr. Vikram Pandit	8-8:10
2	Mr. Bhagwan Daphal	8:15-8:25
3	Mrs. Sneha Babel	8:30-8:40
4	Mrs. Shailaja Gujrathi	8:45-8:55
5	Mrs. Shveti Chandan	9-9:10
6	Mr. Shriprakash Soni	9:15-9:25
7	Mrs. Dipalee Borse	9:30-9:40
8	Ms. Suchitra Patil	9:45-9:55
9	Mrs. Sudha Adya	10-10:10
10	Mrs. Swatirani Pandit	10:15-10:25
11	Mrs. Sarika Mane	10:30-10:40
12	Mr. Mukund Ambawade	10:45-10:55
13	Ms. Deepali Dalvi	11-11:10
14	Mrs. Monali Patil	11:15-11:25
15	Mrs. Richa Raut	11:30-11:40
16	Mrs. Monika Dhotre	11:45-11:55

1. Principal, Vice Principal and College Research committee members were present for the Research Project Progress report meeting.
2. Principal Investigator presented the progress on research work via powerpoint presentation mode.
3. Committee members suggested suggestions to PI's and guided in various topics in order to make a positive progress on their research project.

Research Committee Member

Dr. P.S. Abhyankar

Research Committee Member

Vice-Principal

Dr. R. B. Patwardhan



Principal

Principal

**Haribhai V Desai College
(Arts, Science & Commerce)
Pune-02**

Telephone: (Prin.) (O) : 020-246 3914, (O) 2445 0373, 2445 5423 Mobile: 96991 97848

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ID No.: PU / PN / ASC / 057 / (1984)

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Principal:

Dr. Rajendra G. Gurao

M.Sc., Ph.D.

Email: principal@hvdesaicollege.edu.in

Date: 1st April 2023

NOTICE

A Research Project Progress report meeting is scheduled as under. Following staff members are requested to give presentation of your research progress for 10 min.

Schedule of Presentation

Sr. No.	Name of Principal Investigator	Time
1	Mr. Vikram Pandit	8-8:10
2	Mr. Bhagwan Daphal	8:15-8:25
3	Mrs. Sneha Babel	8:30-8:40
4	Mrs. Shailaja Gujrathi	8:45-8:55
5	Mrs. Shveti Chandan	9-9:10
6	Mr. Shriprakash Soni	9:15-9:25
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10	Mrs. Swatirani Pandit	10:15-10:25
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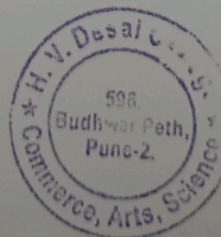
Please follow the time given to all Principal Investigator. Also, bring along with you all necessary documents.

Day and Date: Saturday, 15th April 2023.

Time: 8 am to 12 pm

Venue: Conference Room

Dr. Vikram Pandit



Dr. Rajendra Gurao

Principal
Haribhai V Desai College
(Arts, Science & Commerce)
Pune-02

Telephone: (Prin.) (O) : 020-246 3914, (O) 2445 0373, 2445 5423 Mobile: 96991 97848

Address: Desai Brother's Vidya Bhavan, 596, Budhwar Peth, Pune - 411 002 | Website: www.hvdesaicollege.org

Name of Principal Investigator: Dr. Vikram Uttam Pandit
Date: 15 April 2023

To,
The Principal
Haribhai V. Desai College
of Arts, Science and Commerce
Pune

Subject -: Progress report number: **One**

Reference -: The notice of and research committee dated 01st April 2023.

Topic -: Organo-inorganic Nanocomposite photocatalyst materials for the treatment of Wastewater and Hydrogen Production

Respected Sir,

I hereby submit the progress report of the research project cited above as under-:

Sr. No.	01
Title	Organo-inorganic Nanocomposite photocatalyst materials for the treatment of Wastewater and Hydrogen Production
Principal Investigator	Dr. Vikram Uttam Pandit
Period of the Progress Report	From December 2022
Details of the Progress Made	Literature Survey on Semiconducting Organic and Inorganic Semiconductors
Plan for future work	To perform experimental work for the synthesis of

I request you accept the report and issue the grant at the earliest.


Thanking you,
Principal Investigator
Dr. V. V. Pandit

Name of Principal Investigator: Mr. Bhagwan Dagadu Daphal
Date: 15 April 2023

To,
The Principal
Haribhai V. Desai College
of Arts, Science and Commerce
Pune

Subject -: Progress report number: **One**

Reference -: The notice of and research committee dated 01st April 2023.

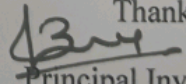
Topic -: Synthesis and characterization of Polyaniline Nanocomposite for their Photocatalytic Application.

Respected Sir,

I hereby submit the progress report of the research project cited above as under-:

Sr. No.	01
Title	Synthesis and characterization of Polyaniline Nanocomposite for their Photocatalytic Application.
Principal Investigator	Mr. Bhagwan Dagadu Daphal
Period of the Progress Report	From December 2022
Details of the Progress Made	Literature Survey on Semiconducting polyaniline and polyaniline nanocomposites.
Plan for future work	To perform experimental work for the synthesis of polyaniline nanocomposites.

I request you accept the report and issue the grant at the earliest.

Thanking you,

Principal Investigator
(C.B.D. Daphal)

Name of Principal Investigator: Sneha Babel
Date: 15 April 2023

To,
The Principal
Haribhai V. Desai College
of Arts, Science and Commerce
Pune

Subject -: Progress report number: **One**

Reference -: The notice of and research committee dated 01st April 2023.

Topic -: Contribution to the extreme value analysis and Estimation of parameters of Regression model for Directional data

Respected Sir,

I hereby submit the progress report of the research project cited above as under:-

Sr. No.	01
Title	Contribution to the extreme value analysis and Estimation of parameters of Regression model for Directional data
Principal Investigator	Ms. Sneha Babel
Period of the Progress Report	From December 2022
Details of the Progress Made	Literature survey on extreme values and regression for directional data has done.
Plan for future work	To perform experimental work for estimation of parameters.

I request you accept the report and issue the grant at the earliest.

Thanking you,
Principal Investigator

Sneha
Sneha Babel

Name of Principal Investigator: Ms. Shailaja N Gujarathi
Date: 15 April 2023

To,
The Principal
Haribhai V. Desai College
of Arts, Science and Commerce
Pune

Subject -: Progress report number: **One**

Reference -: The notice of and research committee dated 01st April 2023.

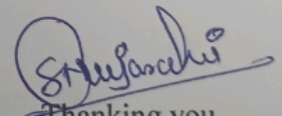
Topic -: Study on Li-Fi technology for smart home with IoT Introduction.

Respected Sir,

I hereby submit the progress report of the research project cited above as under:-

Sr. No.	01
Title	Study on Li-Fi technology for smart home with IoT Introduction.
Principal Investigator	Ms. Shailaja N Gujarathi.
Period of the Progress Report	From December 2022
Details of the Progress Made	Literature Survey on Li-Fi Technology and IoT with home appliances operated on it.
Plan for future work	To perform experimental work and check how IoT home appliances are work on Li-Fi technology with better performance and speed.

I request you accept the report and issue the grant at the earliest.


Thanking you,

Principal Investigator

Name of Principal Investigator: Ms. Dipalee Borse
Name of Co-investigator: Dr. Shveti Chandan
Date: 15 April 2023

To,
The Principal
Haribhai V. Desai College
of Arts, Science and Commerce
Pune

Subject -: Progress report number: One

Reference -: The notice of and research committee dated 01st April 2023.

Topic -: Design a new framework for comment spam detection on YouTube

Respected Sir,

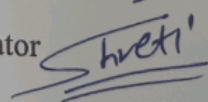
I hereby submit the progress report of the research project cited above as under:-

Sr. No.	01
Title	Design a new framework for comment spam detection on YouTube
Principal Investigator	Ms. Dipalee Borse
Co-investigator	Dr. Shveti Chandan
Period of the Progress Report	From December 2022
Details of the Progress Made	Studied Literature - Research papers, articles, Patents regarding Spamming, spam detection, social media spam detection and YouTube comment spam detection.
Plan for future work	To perform experimental work for YouTube comment spam detection.

I request you accept the report and issue the grant at the earliest.

Thanking you,

Principal Investigator  [Ms. Dipalee Borse]

Co-investigator  [Dr. Shveti Chandan]

Name of Principal Investigator: Ms. Sudha M. Adya

Date: 15 April 2023

To,
The Principal
Haribhai V. Desai College
of Arts, Science and Commerce
Pune

Subject -: Progress report number: **One**

Reference -: The notice of and research committee dated 01st April 2023.

Topic -: Production and optimization of microbial cellulases from agro wastes and its applications

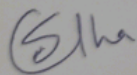
Respected Sir,

I hereby submit the progress report of the research project cited above as under:-

Sr. No.	
Title	Production and optimization of microbial cellulases from agro wastes and its applications
Principal Investigator	Ms. Sudha M. Adya
Period of the Progress Report	From December 2022
Details of the Progress Made	Literature Survey on Production and optimization of microbial cellulases from agro wastes and its applications
Plan for future work	Perform production of cellulases

I request you accept the report and issue the grant at the earliest.

Thanking you.



Ms. Sudha M. Adya

Principal Investigator

Name of Principal Investigator: Dr. Suchitra Patil
Date: 15 April 2023

To,
The Principal
Haribhai V. Desai College
of Arts, Science and Commerce
Pune

Subject -: Progress report number: **One**

Reference -: The notice of and research committee dated 01st April 2023.

Topic -: Bio cementation Mediated by Halophiles

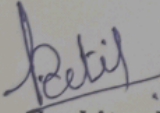
Respected Sir,

I hereby submit the progress report of the research project cited above as under:-

Sr. No.	
Title	Bio cementation Mediated by Halophiles
Principal Investigator	Dr. Suchitra Patil
Period of the Progress Report	From December 2022
Details of the Progress Made	Literature Survey on Bio cementation process and isolation of Halophiles
Plan for future work	To perform experimental work for the Bio cementation Mediated By Halophiles

I request you accept the report and issue the grant at the earliest.

Thanking you.


Dr. Suchitra Patil

Principal Investigator

Name of Principal Investigator: Ms. Swati Rani Pandit
Date: 15 April 2023

To,
The Principal
Haribhai V. Desai College
of Arts, Science and Commerce
Pune

Subject -: Progress report number: One

Reference -: The notice of and research committee dated 01st April 2023.

Topic -: Terrestrial Carbon Storage: Comparison study between Industrial and Rural Area of Baramati District

Respected Sir,

I hereby submit the progress report of the research project cited above as under:-

Sr. No.	01
Title	Terrestrial Carbon Storage: Comparison study between Industrial and Rural Area of Baramati District
Principal Investigator	Ms. Swati Rani Pandit
Period of the Progress Report	From December 2022
Details of the Progress Made	Review of Literature was carried out from the beginning and continued till end of the report period along with pilot work. Sampling Intensity was studied and formula for calculating carbon sequestration. The scope of the work ascertained, and field methodology was finalized. Accordingly, the pilot field survey was undertaken to select the survey sites in Baramati District for both Rural and Urban area. Visits were made to record personal observations and simultaneously necessary photo documentation.
Plan for future work	Visit to the city and village of Baaramati for completion of further work of laying out quadrates for study of trees. Trees of the city and village will be counted for the projected area and types of trees present will be studied and also the impacts of those trees in the area will be studied.

I request you accept the report and issue the grant at the earliest.
Thanking you


Principal Investigator
Ms. Swati Rani Pandit

Name of Principal Investigator: Dr.Sarika Mane

Date:15 April2023

To,

ThePrincipal
Haribhai V. Desai College
of Arts, Science and
Commerce Pune

Subject:- Progress report number: One

Reference:- The notice of and research committee dated 01stApril2023.

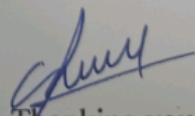
Topic:-Human-wildlife conflict: A Case study of Five Villages around Pench Tiger Reserve

RespectedSir,

I hereby submit the progress report of the research project cited above as under:-

Sr.No.	
Title	Human-wildlife conflict: A Case study of Five Villages around Pench Tiger Reserve
Principal Investigator	Dr. Sarika Mane
Period of the Progress Report	FromDecember2022
Details of the Progress Made	The pilot field survey was undertaken to select the survey sites in five villages around Pench Tiger Reserve. Village wise visits were made to record personal observations and simultaneously necessary photo documentation. Questionnaire were formulated for impact assessment
Plan for future work	The questionnaire will be administered to a larger sample of individuals in the all-selected villages to gather more extensive data. Waypoints marking will be done in all impacted sites for precise location tracking which will useful for keep tracking of the locations and frequencies of conflict incidents.

I request you accept the report and issue the grate at the earliest.


Thanking you,
Dr. Sarika Mane
Principal Investigator

Name of Principal Investigator: Dr. Mukund Shridhar Ambawade

Date: 15 April 2023

To,
The Principal
Haribhai V. Desai College
of Arts, Science and Commerce
Pune

Subject -: Progress report number: **One**

Reference -: The notice of and research committee dated 01st April 2023.

Topic -: Studies on inhibitory role of Scytonemin in melanogenesis

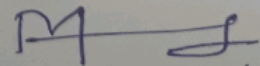
Respected Sir,

I hereby submit the progress report of the research project cited above as under-:

Sr. No.	01
Title	Studies on inhibitory role of Scytonemin in melanogenesis
Principal Investigator	Dr. Mukund Shridhar Ambawade
Period of the Progress Report	From December 2022
Details of the Progress Made	Literature Survey on Studies on inhibitory role of Scytonemin in melanogenesis
Plan for future work	To perform experimental work for the extraction and detection of Scytonemin

I request you accept the report and issue the grant at the earliest.

Thanking you,



Principal Investigator

Name of Principal Investigator: Deepali Maruti Dalvi

Date: 15 April 2023

To,
The Principal
Haribhai V. Desai College
of Arts, Science and Commerce
Pune

Subject -: Progress report number: **One**

Reference -: The notice of and research committee dated 01st April 2023.

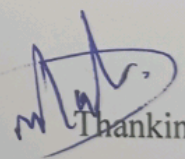
Topic -: Designing of Intelligent real time parking monitoring system using Arduino in contribution of Smart City.

Respected Sir,

I hereby submit the progress report of the research project cited above as under:-

Sr. No.	01
Title	Designing of Intelligent real time parking monitoring system using Arduino in contribution of Smart City.
Principal Investigator	Deepali Maruti Dalvi
Period of the Progress Report	From December 2022
Details of the Progress Made	Literature Survey on Different types of Parking monitoring systems and controller used.
Plan for future work	To perform experimental work.

I request you accept the report and issue the grant at the earliest.



Thanking you,

Principal Investigator

Name of Principal Investigator: Monali Sagar Patil
Date: 15 April 2023

To,
The Principal
Haribhai V. Desai College
of Arts, Science and Commerce
Pune

Subject -: Progress report number: One

Reference -: The notice of and research committee dated 01st April 2023.

Topic -: " Smart Farming Framework for Disease Detection of Sandalwood Cropping System ".

Respected Sir,

I hereby submit the progress report of the research project cited above as under-:

Sr. No.	01
Title	"Smart Farming Framework for Disease Detection of Sandalwood Cropping System ".
Principal Investigator	Ms. Monali Sagar Patil
Period of the Progress Report	From December 2022
Details of the Progress Made	Literature Survey on techniques and databases.
Plan for future work	To perform experimental work for extracting parameters.

I request you accept the report and issue the grant at the earliest.

MSPatil
Thanking you,

Principal Investigator
[Ms. Monali Sagar Patil]

Name of Principal Investigator: Ms. Richa Abhijit Raut
Date: 15 April 2023

To,
The Principal
Haribhai V. Desai College
of Arts, Science and Commerce
Pune

Subject -: Progress report number: **One**

Reference -: The notice of and research committee dated 01st April 2023.

Topic -: Studies on polygalacturonase producing Actinomycetes

Respected Sir,

I hereby submit the progress report of the research project cited above as under:-

Sr. No.	01
Title	Studies on polygalacturonase producing Actinomycetes
Principal Investigator	Ms. Richa Abhijit Raut
Period of the Progress Report	From December 2022
Details of the Progress Made	Literature Survey on Actinomycetes producing extracellular pectinolytic enzymes
Plan for future work	To perform experimental work for the isolation of Actinomycetes and production of polygalacturonase

I request you accept the report and issue the grant at the earliest.

Thanking you,



Principal Investigator

Ms. Richa Abhijit Raut

Name of Principal Investigator: Monica Sagar Dhotre
Date: 15 April 2023

To,
The Principal
Haribhai V. Desai College
of Arts, Science and Commerce
Pune

Subject -: Progress report number: One

Reference -: The notice of and research committee dated 01st April 2023.

Topic -: "Extracting visual parameters like Expression to generate Mind Mapping sub title in Marathi Language".

Respected Sir,

I hereby submit the progress report of the research project cited above as under:-

Sr. No.	01
Title	"Extracting visual parameters like Expression to generate Mind Mapping sub title in Marathi Language".
Principal Investigator	Ms. Monica Sagar Dhotre
Period of the Progress Report	From December 2022
Details of the Progress Made	Literature Survey on techniques and databases.
Plan for future work	To perform experimental work for extracting parameters.

I request you accept the report and issue the grant at the earliest.



Thanking you,

Principal Investigator

[Ms. Monica Sagar Dhotre]