



Mahatma Education Society's

Pillai HOC College of Engineering and Technology, Rasayani

3.1.1 Grants received from Government and non-governmental agencies for research projects / endowments in the institution during the last five years (INR in Lakhs)

***List of grants for research projects received during the assessment years along with the nature of the award, and the awarding agency with amount. (Sanctioned letter highlighting the required parts)**

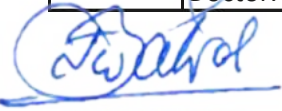
PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.

Pillai's HOC Educational Campus
Rasayani, Tal. Khelapur
Dist. Raigad, Pin-410 207

List of grants for research projects received during the assessment years along with the nature of the award, and the awarding agency with amount

Sr. No	Name of the research project/ endowment	Name of the Principal Investigator/Co-investigator	Amount Sanctioned	Name of the awarding Agency	nature of award
2022-23					
1	Impact of waste on society and development of integrated (collection, segregation, compression, data collection and decomposition of waste) waste management system	Mr. Jayesh Rane	500000	Indian Council of Social Science Research (ICSSR)	Government
2021-22					
2	Gesture Recognition Glove for Home Assistance Systems	Ms. Munawira Kotyad	430780	GEH-Research LLP,India	Non-Government
3	Biometric Authentication of a land verification using AI-Based System.	Ms. Srjita Bhattachrjee and Ms. Ekta Ukey	301790	GEH-Research LLP,India	Non-Government
4	Blood Banking via Cloud computing using Machine Learning Tracking the Blood Donor location at Real-Time	Mr. Abhijeet More and Ms. Snehal Shinde	212790	GEH-Research LLP,India	Non-Government
5	Face Detection Using Machine Learning and AI-Based algorithm	Ms. Rohini Bhosale	301790	GEH-Research LLP,India	Non-Government
6	IoT-Kit to Track and Notify Doctor.	Dr. Divya Chirayil	24980	BS5 Innovation and Development	Non-Government



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Sr. No	Name of the research project/ endowment	Name of the Principal Investigator/Co-investigator	Amount Sanctioned	Name of the awarding Agency	nature of award
2019-20					
7	Simulation of 3D Digital Elevation Model (DEM) for Rural Villages by acquiring ISRO Satellite Image - A Remote Sensing and GIS Approach	Mr.Karthik Nagarajan	40000	University of Mumbai	Government
8	Environmental impact assessment of Patalganga Industrial Area.	Mr. Manish Mane	30000	University of Mumbai	Government
9	A study on Fuzzy soft sets & its applications	Dr Avinash Kamble	35,000	University of Mumbai	Government
10	A study on Spectral graph theory & its applications	Ravi Rewaskar	25,000	University of Mumbai	Government
11	Efficacy of Bio fertilizers: A Field Scale Study Of Sawale Village For Sustainable Farming	Sunita Khansole	25,000	University of Mumbai	Government
12	Automatic Load switching depending on availability of Sunlight for controlled Home Energy Consumption.	Nilesh Raut	40000	University of Mumbai	Government
13	Regenerative Bike with mileage enhancement	Mr. Aamir Shaikh, Ms. Pranita Chavan	35,000	University of Mumbai	Government
14	Beach cleaning Robot	Ms.Sanobar S,Ms.Supriya Shigwan	35,000	University of Mumbai	Government
15	Dematerialized Vehicle Documents and Anti-Theft Mechanism for Vehicles Using Data Analytics Methods	Dr. Mansi Subhedar	25000	University of Mumbai	Government

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Sr. No	Name of the research project/ endowment	Name of the Principal Investigator/Co-investigator	Amount Sanctioned	Name of the awarding Agency	nature of award
16	Public Water Supply Monitoring and controlling system using water theft identification to avoid water tampering	Mr. Jayesh Rane	35,000	University of Mumbai	Government
17	Dry Compactor for Crop Residue	Mr. Rahul Warghane	42000	University of Mumbai	Government
18	Mechanical characterization of woven fabric hybrid polymeric nan composite and its failure analysis by FEM	Mr. Suhas A. Uthale	50,000	University of Mumbai	Government
19	Design And Construction of Arduino Based Aid Visually Impaired People	Ms. Rohini Bhosale	30,000	University of Mumbai	Government
20	Translating Sign Language to Speech Using Flex Gloves For Deaf & Dumb	Mr. Nikhil Raje	30,000	University of Mumbai	Government
21	Swarm Robotic System For Mapping And Exploration of Extreme Environment	Ms. Kiran jeet Kaur & Ms. PrachiSorte	20,000	University of Mumbai	Government
22	Krishibuddy (Smart farming using IoT & AI)	Ms. Neha Rane	25,000	University of Mumbai	Government
23	Blockchain and Smart Contract for Digital Certificate	Ms. Neha Rathi	15,000	University of Mumbai	Government
24	Railway track crack detection system using IOT	Ms. Talib Farheen	30000	University of Mumbai	Government
25	IoT based intelligent digital bill board : The future of outdoor advertisement	Ms. Rupali Sathe	30000	University of Mumbai	Government

Sr. No	Name of the research project/ endowment	Name of the Principal Investigator/Co-investigator	Amount Sanctioned	Name of the awarding Agency	nature of award
26	Implementation of Chatbot using deep learning	Ms. Komal Golimbade	20000	University of Mumbai	Government
27	Development of bench top dynamic mechanical analyzer for soft material characterization.	Mr. Amar Arun Jadhav	50000	University of Mumbai	Government
28	Experimental Testing and replacement of plastic in moulding of solid toys moulded with eco-friendly materials	Mr. Vivek S Meshram	35000	University of Mumbai	Government
2018-19					
29	Ambient Air Quality Monitoring for MIDC Patalganga Area	Manisha Jamgade	Rs. 30,000	University of Mumbai	Government
30	Assessment of Patalganga River Water, Maharashtra, India to check it's Quality and Suitability for Different Purposes	Sonali V. Baviskar	Rs. 40,000	University of Mumbai	Government
31	Comparative Study of Coconut Fibre Reinforced Concrete with Normal Concrete	Madhulika Sinha	Rs. 40,000	University of Mumbai	Government
32	Development of Vertical Axis Turbine using Neodymium Magnets for Power Generation	Dr. Gajendra V. Patil	Rs. 45,000	University of Mumbai	Government
33	Real-time Fingerprint Verification using Master Print	Dr. Ashok Kanthe, Babita Bhagat	Rs. 30,000	University of Mumbai	Government


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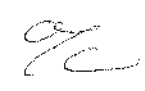
Sr. No	Name of the research project/ endowment	Name of the Principal Investigator/Co-investigator	Amount Sanctioned	Name of the awarding Agency	nature of award
34	Automatic Certificate Generation using MATLAB	Rekha Dhawan	Rs. 15,000	University of Mumbai	Government
35	Effect of Meditation on Diabetic Patients using EEG and Some Pathological Test	Swati Nandusekar	Rs. 20,000	University of Mumbai	Government
36	Smart Solar Grass Cutter	Sangeetha Rajagopal	Rs. 30,000	University of Mumbai	Government
37	Hydrogen Storage Properties of Metal Hydrides	Dr. Manvendra Vashistha	Rs. 35,000	University of Mumbai	Government
38	To study various properties of Polymer Dispersed Liquid Crystal	Ms. Vishakha Gajghate	Rs. 40,000	University of Mumbai	Government
39	Synthesis of Nano Ceramic Oxide by Pechini Method	Sanjay Ghorpade	Rs. 30,000	University of Mumbai	Government



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Dr. Richa Sharma
Deputy Director
RP Division Incharge
Tel #011-26716690
E-mail: rpdivision@icssr.org


Indian Council of Social Science Research
(Ministry of Education)
JNU Institutional Area, Aruna Asaf Ali Marg
New Delhi – 110067
Website: www.icssr.org

SANCTION ORDER

F.No.02/152/2022-23/ICSSR/RP/MN/GEN

Dated:19 -03-2023

To,

The Principal
Pillai College of ENGG (Autonomous),
Mahatma Education Society,
Navi Mumbai, Maharashtra-410 206

Subject: Sanction of **Minor Research Project** entitled “**Impact of waste on society and development of integrated (collection, segregation, compression, data collection and decomposition of waste) waste management system**” to **Dr.Nitेशkumar Agrawal**, Associate Professor, Pillai College Of Engg (Autonomous), University Of Mumbai, Navi Mumbai

Dear Sir/Madam,

1. The Indian Council of Social Science Research (ICSSR) approved the award of “**Impact of waste on society and development of integrated (collection, segregation, compression, data collection and decomposition of waste) waste management system**” the above Minor Research Project submitted by **Dr.Nitेशkumar Agrawal** along with **Prof. Jayesh Rane, Dr.Lokendra Singh and Dr.Satishkumar Varma**.
2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant-in-aid of **Rs.5,00,000/- (Five Lakh Only)** for the above Research Project and the grant will be released as follows:

First instalment (40 % of Instalment)	:	Rs.2,00,000/-
Second instalment (40 % of Instalment)	:	Rs.2,00,000/-
Final instalment (15 % of Instalment)	:	Rs.75,000/-
Publication Cost (5% of Instalment)	:	Rs.25,000/-
Total	:	Rs.5,00,000/-
Overhead charges over and above 5% or maximum Rs.1,00,000	:	Rs.25000/-**

* This is to be retained by the ICSSR. ICSSR would publish it subject to recommendation by the expert and relevant Committees for the purpose, from the overall budget, so to be retained by the ICSSR .

** This amount will be released on successful completion of project after evaluation.

(The break-up budget approved by the ICSSR of **Rs.5,00,000/-** is enclosed.)

4. The **First** installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization.
5. In case, the study involves survey research, the finalized schedules/questionnaires (2 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:


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Dist. Raigad, Pin-410 207



- a) If the schedule /questionnaire for eliciting information is as per standard questionnaire, these will have to be sent to ICSSR immediately,
 - b) If the schedule /questionnaire for eliciting information are to be designed afresh keeping in view the requirements of the project, these will have to be sent to the ICSSR within a period of six months in any case.
6. The Second instalment will be released after receiving a satisfactory **Six Months** progress report along with a Budget statement of account of the account for the first instalment (Depending upon the duration of the Project).
 7. The Third/Final instalment will be released on the receipt of:
 - (a) Satisfactory book length of the Final Report (Two Hard Copies plus one Soft Copy in CD or Pen-Drive) in the publishable form after incorporating all corrections, suggestions of the expert.
 - (b) Statement of accounts with Utilization Certificate in GFR of 12A form for the entire project amount duly signed by the Finance Officer/Registrar/Principal/Director of the affiliating institution.
 - (c) A certificate of statement of assets and books purchased out of the project fund issued by the affiliating institution
 8. The scholar shall acknowledge support of ICSSR in all publications resulting from the project output (Research Paper, Books, Articles, Reports, etc.) and should submit a copy of the same to the ICSSR during its course and after completion. Non -Compliance to the condition may lead to action against the Project Director by ICSSR.
 9. The University/Institution of affiliation will provide to the scholar office accommodation including furniture, library and research facilities and messengerial services. For this, the ICSSR shall pay to the University/Institution of affiliation **Overhead Charges @ 5%** of the total expenditure incurred on the project only after successful completion of the project.
 10. The Contingency Grant may be utilized for research and office assistance, books, stationary, computer cost, research assistance and the field work expenses of Project Director, Co-Project Directors and research personnel connected with the research work.
 11. The overhead charges to the affiliating institution over and above @ 5% or maximum Rs.1,00,000 will be released only after successful completion of the project after evaluation. The accounts and the Utilization Certificate will be signed by the Finance Officer/Registrar/Principal/Director in the case of accounts of the institution are audited by CAG/AG. Otherwise, they need to be signed by the Finance Officer and the Chartered Account.
 12. The Director of the research project will be **Dr.Niteshkumar Agrawal**, who will be responsible for its completion within **12 Months** from the date of commencement of the project, which is **14.03.2023** as intimated by the Project Director.
 13. In case, the Project Director does not submit the periodic / final project report as per schedule with adequate justification, the researcher may be debarred from availing all future financial assistance and ICSSR may take any necessary action against the Project Director/Affiliating Institute as it is deem fit.
 14. All grants from ICSSR are subject to the general provision of GFR 2017.
 15. The Project Director will ensure that the expenditure incurred by him/her conforms to the approved budget heads. The grant-in-aid is subject to all the conditions laid down in the **Indian Council of Social Science**

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Research (ICSSR) Research Projects available in the ICSSR website www.icssr.org and other relevant Orders / Guidelines passed by ICSSR time to time.

16. The expenditure on this account is debatable to the **Budget Head-ICSSR (Scheme Code 0877); OH 31.09 Research Projects.**
17. All project instalments will be transferred through Public Finance Management System (PFMS) and ICSSR shall implement the EAT module for ensuring transparency of expenditure at all levels and to ensure that there is no parking of funds.
18. As per MOE instruction, the amount of grant sanctioned herein is to be utilized by **the end of the project duration.** Any amount of the grant remaining unspent shall be refunded to the ICSSR immediately after the expiry of the duration of the project. If the grantee fails to utilize the grant for the purpose for which the same has been sanctioned/or fails to submit the audited statement of expenditure within the stipulated period, the grantee will be required to refund the amount of the grant with interest thereon @ 10% per annum.

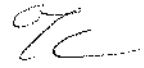
Yours faithfully,


(Dr. Richa Sharama)
for MEMBER-SECRETARY

Encl: as above

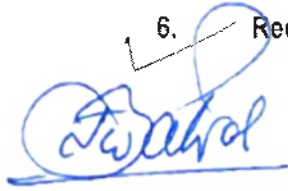
Copy to:

1. **Niteshkumar Agrawal**
Room No.T402, Pillai college of Engg (Autonomous),
Mahatma Education Society,
University of Mumbai, Navi Mumbai,
Maharashtra-410 206
2. **Prof. Jayesh Rane, Assistant Professor**
Pillai College of ENGG
Mahatma Education Society,
Navi Mumbai, Maharashtra-410 206
3. **Dr.Lokendra Singh, Assistant Professor,**
Koneru Lakshmaiah (KL) Univeristy,
Vaddeswaram, Vijawada,
Andhra Pradesh-522 302
4. **Dr.Satishkumar Varma,**
Professor and Head IT Department
Pillai College of ENGG (Autonomous),
Mahatma Education Society,
Navi Mumbai, Maharashtra-410 206
5. **Finance Branch, ICSSR, New Delhi**
6. **Record file**





(Dr. Richa Sharma)
for MEMBER-SECRETARY



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Rasayani, Tal. Khelepur
Dist. Raigad. Pin-410 207

PROJECT BUDGET

Title: Impact of waste on society and development of integrated (collection, segregation, compression, data collection and decomposition of waste) waste management system

By: Niteshkumar Agrawal

S.No	Heads of Expenditure	Value (Rs.)
1	Project Director/Co-PD	--
2	Research Staff: Full time/part time/Hired services	Not exceeding 45% of the total budget
3	Field work	Not exceeding 35%
4	Equipment and study material	Not exceeding 10%
5	Contingency	Not exceeding 5%
6	Publication of report	5%*
	Grand Total	100%
	Institutional Overheads (over and above the total cost of the project)	Affiliating Institutional overheads @ 5% of the approved budget, subject to a maximum upper limit of Rs.1,00,000/-

* The five percent (5%) publication amount will be spent by the ICSSR Publication Division if the Final report is found publishable by an Expert Committee constituted by the ICSSR.

➤ Remuneration and Emoluments of Project Staff

- Project staff could be engaged by the Project Director on a full/ part-time basis during the research work and the duration/consolidated monthly emoluments of their employment may be decided by the project director within the limits of the sanctioned financial allocation and as per the ICSSR rules.
- Research Associate @Rs.20,000/- p.m. (Qualification – Post graduate in any social science discipline with minimum 55% marks and NET/SLET/M.Phil/Ph.D).
- Research Assistant @Rs.16,000/- p.m.(Qualification-Ph.D./M.Phil./ Post graduate in social science discipline with minimum 55% marks.
- Field Investigator @ Rs.15,000/- p.m. (not exceeding 6 months) (Qualification- Post graduate in any social science discipline with minimum 55% marks)
- Retrospective payment for work already done is not permissible.

➤ **Re-appropriation:** The Project Investigator may with the permission of the institution, re-appropriate expenditure from one sub-head to another, subject to a maximum of 10% of the particular budget heads. If the study necessitates re-appropriation beyond 10%, it may be done only after the approval of the ICSSR.

➤ **Selection of Research Staff** should be done through an advertisement and a selection committee consisting of (1) Project Director; (2) One outside Expert (other than the institute where the project is located); (3) a nominee of the Vice Chancellor/Head of the Institution and (4) Head of the Department/Dean of relevant faculty duly approved by the competent authority.

➤ **For all field work related expenses** of Project Director, Co-Director and project personnel, rules pertaining to affiliating institutes shall be followed.

➤ **All equipment and books** purchased out of the project fund shall be the property of the affiliating institutions. On completion of the study, the Project Director shall submit an undertaking in this regard. The ICSSR, however, reserves the right to take charge of equipment and books, if it thinks it fit in a case.

➤ **Purchase of equipment/ assets** for the research Project is permissible only if it is originally proposed and approved by the ICSSR and does not exceed the permissible amount.

➤ The scholar should acknowledge the support of ICSSR in all publications resulting from the research project output (Research Paper, Books, Articles, Reports, etc.) and should submit a copy of the same to the ICSSR during its course and even after completion.

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GEH RESEARCH

GEH RESEARCH, A-19-21, IHONBASHIHAKOZAKICHŌ, CHŪŌ-KU, TŌKYŌ-TO-103-0015, JAPAN

GEH RESEARCH, E-101 KITCHAWAN RD, YORKTOWN HEIGHTS, NY 10598, UNITED STATES

GEH RESEARCH, B-2/45, UL. A. KRĘGLEWSKIEGO 11, 61-248-2 POZNAŃ, POLAND

GEH RESEARCH, G-12, LAVELLE ROAD, BENGALURU, KARNATAKA-560001, INDIA

GEH RESEARCH, 34/09-A, GESCHWISTER-SCHOLL-STRAßE 7,D-39307 GENTHIN ,GERMANY

E-mail:gehresearch@yahoo.com, patent.indiajapan@yahoo.com, dr.bksarkar2003@yahoo.in

Mo no: +81 3-6832-6050,+48 61 667 48 92, +1 914-945-3080,

+91- 8059794469, +49 4194 9881988, [www: gehresearch.com](http://www.gehresearch.com)

To

Abhijit More, Snehal Shinde

MAHATMA EDUCATION SOCIETY'S

PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY RASAYANI

TALUKA PANVEL, DIST, NAVI MUMBAI, MAHARASHTRA 410207, INDIA.

Ongoing Project - Status:

Date: 02/01/2022

File No.: 4645/GEH-Research/policy-1/1021-24/2022/MES-25

Project Title: Blood Banking via Cloud Computing using Machine Learning Tracking the Blood Donor Location at Real -Time.

Scheme: Core Reserch Grant/ Extramural Reserch

Area: Science and Engineering

Technology Transferred: Yes (GEH Research)

Total Cost: 2, 12,790.00

Project Status: 50% Completed

Started date: 22/08/2021

End Date: 12/04/2023

Funding Source: Govt. of USA, Japan, Germany, Singapore, India, Poland, Canada, Society, Software Company, Production, Research and Innovation unit, Etc.

Name of the Industry /Organization: GEH Research.

Address: GEH RESEARCH, A-19-21, IHONBASHIHAKOZAKICHŌ, CHŪŌ-KU, TŌKYŌ-TO-103-0015, JAPAN.

Name of Competent Authority and Designation: Dr. R. Singh (Director, CEO, Co-Founder)

Industry Web Address: [www: gehresearch.com](http://www.gehresearch.com)

Brief Details on Industry: (Product: 1: Innovative Idea Convert into a patent, 2: Patent idea Convert into a Prototype, 3: Granted Patent Products Develop. 4: Fund Provide any Patented Idea Convert into a Products. **Turnover:** 1089.00 to 1509.00 Cr., **Expertise:** Research and Innovation.

Accomplishment of Industry Partner:

1: Training providers. 2: Companies that provide testing services, both on and off site. 3: Real -time Patent Products Develop and design Help.4: Companies may employee both Practitioners and Industry Partners.

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Prof. (Dr.) R. Singh

(Reg. Patent Attorney, Patent Lawyer)

Post.Doc. (Japan), Ph.D. (Law), LLM, LLB.



GEH RESEARCH

GEH RESEARCH, A-19-21, IHONBASHIHAKOZAKICHŌ, CHŪŌ-KU, TŌKYŌ-TO-103-0015, JAPAN
GEH RESEARCH, E-101 KITCHAWAN RD, YORKTOWN HEIGHTS, NY 10598, UNITED STATES
GEH RESEARCH, B-2/45, UL. A. KRĘGLEWSKIEGO 11, 61-248-2 POZNAŃ, POLAND
GEH RESEARCH, G-12, LAVELLE ROAD, BENGALURU, KARNATAKA-560001, INDIA
GEH RESEARCH, 34/09-A, GESCHWISTER-SCHOLL-STRASSE 7,D-39307 GENTHIN ,GERMANY

E-mail:gehresearch@yahoo.com, patent.indiajapan@yahoo.com, dr.bksarkar2003@yahoo.in

Mo no: +81 3-6832-6050,+48 61 667 48 92, +1 914-945-3080,

+91- 8059794469, +49 4194 9881988, [www: gehresearch.com](http://www.gehresearch.com)

To

Munawira Kotyad

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PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY RASAYANI

TALUKA PANVEL, DIST, NAVI MUMBAI, MAHARASHTRA 410207, INDIA.

Ongoing Project - Status:

Date: 2/2/2022

File No.: 4645/GEH-Research/policy-1/1021-24/2022/MES-2

Project Title: **Gesture Recognition Glove for Home Assistance Systems.**

Scheme: Core Reserch Grant/ Extramural Reserch

Area: Science and Engineering

Technology Transferred: Yes (GEH Research)

Total Cost: 4, 30,780.00

Project Status: 40% Completed

Started date: 08/04/2021

End Date: 8/07/2024

Funding Source: Govt. of USA, Japan, Germany, Singapore, India, Poland, Canada, Society, Software Company, Production, Research and Innovation unit, Etc.

Name of the Industry /Organization: GEH Research.

Address: GEH RESEARCH, A-19-21, IHONBASHIHAKOZAKICHŌ, CHŪŌ-KU, TŌKYŌ-TO-103-0015, JAPAN.

Name of Competent Authority and Designation: Dr. R. Singh (Director, CEO, Co-Founder)

Industry Web Address: [www: gehresearch.com](http://www.gehresearch.com)

Brief Details on Industry: (Product: 1: Innovative Idea Convert into a patent, 2: Patent idea Convert into a Prototype, 3: Granted Patent Products Develop. 4: Fund Provide any Patented Idea Convert into a Products. Turnover: 1089.00 to 1509.00 Cr., Expertise: Research and Innovation.

Accomplishment of Industry Partner:

1: Training providers. 2: Companies that provide testing services, both on and off site. 3: Real -time Patent Products Develop and design Help.4: Companies may employee both Practitioners and Industry Partners.

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Munawira Kotyad, GEH RESEARCH

Pillai HOC College of Engineering and Technology.

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Rasayani, Tal. Khalepur

Dist. Raigad. Pin-410 207

Prof. (Dr.) R. Singh

(Reg. Patent Attorney, Patent Lawyer)

Post.Doc. (Japan), Ph.D. (Law), LL.M, LL.B.



GEH RESEARCH

GEH RESEARCH, A-19-21, IHONBASHIHAKOZAKICHŌ, CHŪŌ-KU, TŌKYŌ-TO-103-0015, JAPAN
GEH RESEARCH, E-101 KITCHAWAN RD, YORKTOWN HEIGHTS, NY 10598, UNITED STATES
GEH RESEARCH, B-2/45, UL. A. KRĘGLEWSKIEGO 11, 61-248-2 POZNAŃ, POLAND
GEH RESEARCH, G-12, LAVELLE ROAD, BENGALURU, KARNATAKA-560001, INDIA
GEH RESEARCH, 34/09-A, GESCHWISTER-SCHOLL-STRASSE 7,D-39307 GENTHIN ,GERMANY

E-mail:gehresearch@yahoo.com, patent.indiajapan@yahoo.com, dr.bksarkar2003@yahoo.in

Mo no: +81 3-6832-6050,+48 61 667 48 92, +1 914-945-3080,

+91- 8059794469, +49 4194 9881988, [www: gehresearch.com](http://www.gehresearch.com)

To

Rohini Bhosale

MAHATMA EDUCATION SOCIETY'S

PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY RASAYANI

TALUKA PANVEL, DIST, NAVI MUMBAI, MAHARASHTRA 410207, INDIA.

Ongoing Project - Status:

Date: 02/01/2022

File No.: 4645/GEH-Research/policy-1/1021-24/2022/MES-23

Project Title: Face Detection Using Machine Learning and AI- Based algorithm

Scheme: Core Reserch Grant/ Extramural Reserch

Area: Science and Engineering

Technology Transferred: Yes (GEH Research)

Total Cost: 3, 01,790.00

Project Status: 30% Completed

Started date: 16/08/2021

End Date: 12/12/2023

Funding Source: Govt. of USA, Japan, Germany, Singapore, India, Poland, Canada, Society, Software Company, Production, Research and Innovation unit, Etc.

Name of the Industry /Organization: GEH Research.

Address: GEH RESEARCH, A-19-21, IHONBASHIHAKOZAKICHŌ, CHŪŌ-KU, TŌKYŌ-TO-103-0015, JAPAN.

Name of Competent Authority and Designation: Dr. R. Singh (Director, CEO, Co-Founder)

Industry Web Address: [www: gehresearch.com](http://www.gehresearch.com)

Brief Details on Industry: (Product: 1: Innovative Idea Convert into a patent, 2: Patent idea Convert into a Prototype, 3: Granted Patent Products Develop. 4: Fund Provide any Patented Idea Convert into a Products. **Turnover:** 1089.00 to 1509.00 Cr., **Expertise:** Research and Innovation.

Accomplishment of Industry Partner:

1: Training providers. 2: Companies that provide testing services, both on and off site. 3: Real -time Patent Products Develop and design Help.4: Companies may employee both Practitioners and Industry Partners.

PRINCIPAL

Mohana Education Society's

Pillai HOC College of

Engineering and Technology.

Pillai HOC Educational Campus

Rasayani, Tal. Khalepur

Dist. Raigad. Pin-410 207

Prof. (Dr.) R. Singh
(Reg. Patent Attorney, Patent Lawyer)
Post.Doc. (Japan), Ph.D. (Law), LL.M, LL.B.



GEH RESEARCH

GEH RESEARCH, A-19-21, IHONBASHIHAKOZAKICHŌ, CHŪŌ-KU, TŌKYŌ-TO-103-0015, JAPAN
GEH RESEARCH, E-101 KITCHAWAN RD, YORKTOWN HEIGHTS, NY 10598, UNITED STATES
GEH RESEARCH, B-2/45, UL. A. KRĘGLEWSKIEGO 11, 61-248-2 POZNAŃ, POLAND
GEH RESEARCH, G-12, LAVELLE ROAD, BENGALURU, KARNATAKA-560001, INDIA
GEH RESEARCH, 34/09-A, GESCHWISTER-SCHOLL-STRAßE 7,D-39307 GENTHIN ,GERMANY

E-mail:gehresearch@yahoo.com, patent.indiajapan@yahoo.com, dr.bksarkar2003@yahoo.in

Mo no: +81 3-6832-6050,+48 61 667 48 92, +1 914-945-3080,

+91- 8059794469, +49 4194 9881988, [www: gehresearch.com](http://www.gehresearch.com)

To

Srijita Bhattacharjee, Ekta Ukey

MAHATMA EDUCATION SOCIETY'S

PILLAI HOC COLLEGE OF ENGINEERING & TECHNOLOGY RASAYANI

TALUKA PANVEL, DIST, NAVI MUMBAI, MAHARASHTRA 410207, INDIA.

Ongoing Project - Status:

Date: 02/01/2022

File No.: 4645/GEH-Research/policy-1/1021-24/2022/MES-24

Project Title: **Biometric-Authentication of a land Verification using AI-Based System.**

Scheme: Core Reserch Grant/ Extramural Reserch

Area: Science and Engineering

Technology Transferred: Yes (GEH Research)

Total Cost: 3, 01,790.00

Project Status: 30% Completed

Started date: 20/08/2021

End Date: 12/12/2023

Funding Source: Govt. of USA, Japan, Germany, Singapore, India, Poland, Canada, Society, Software Company, Production, Research and Innovation unit, Etc.

Name of the Industry /Organization: GEH Research.

Address: GEH RESEARCH, A-19-21, IHONBASHIHAKOZAKICHŌ, CHŪŌ-KU, TŌKYŌ-TO-103-0015, JAPAN.

Name of Competent Authority and Designation: Dr. R. Singh (Director, CEO, Co-Founder)

Industry Web Address: [www: gehresearch.com](http://www.gehresearch.com)

Brief Details on Industry: (Product: 1: Innovative Idea Convert into a patent, 2: Patent idea Convert into a Prototype, 3: Granted Patent Products Develop. 4: Fund Provide any Patented Idea Convert into a Products. Turnover: 1089.00 to 1509.00 Cr., Expertise: Research and Innovation.

Accomplishment of Industry Partner:

1: Training providers. 2: Companies that provide testing services, both on and off site. 3: Real -time Patent Products Develop and design Help.4: Companies may employee both Practitioners and Industry Partners.

PRINCIPAL

Mohana Education Society's

Pillai HOC College of

Engineering and Technology.

Pillai HOC Educational Campus

Rasayani, Tal. Khalepur

Dist. Raigad. Pin-410 207

Prof. (Dr.) R. Singh

(Reg. Patent Attorney, Patent Lawyer)

Post.Doc. (Japan), Ph.D. (Law), LL.M, LL.B.

Saitecops [BS5] Innovation and Development LLP

C/o R Hemavathy Rakkipalayam, Pudhupalayam Main Road
Thoppampattipirivu K Vadamaduarai Idigarai Coimbatore North
Coimbatore TN, Reg. no: ABC-4530
E-mail: saitecopsbs5@gmail.com

<https://www.tofler.in/saitecops-innovation-and-development-llp/company/ABC-4530#!>

To

10/08/2021

Dr. Divya Chirayil

Pillai Hoc College of Engineering & Technology Rasayani, Taluka Panvel, Dist, Navi Mumbai.

We appreciate your efforts in submitting your proposal "File No.: 234/23/12 for the Manufacturing of "IoT -Kit to Track and Notify Doctor" submitted on 12/07/2021. After a thorough analysis of the proposal and the presentation, the grant committee has given the green light for the project and sanction a Grant of **Rs.:24,950/-** (approx.). In this regard, you can start the project as soon as possible.

Project Title: IoT -Kit to Track and Notify Doctor.

Scheme: **Reserch Grant.**

Area: **Science and Engineering**

Technology Transferred: **Yes**

Total Cost: Rs.24, 950.00

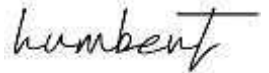
Started date: 10/08/2021

End Date: 30/12/2021

Conditions:

1. Payment will be made after successful working of Model and after submission of project to Research Center.

We believe your project will impact many lives in the city. Once more, thank you for submitting your proposal and the excellent job you are doing to make the world a better place Partners.

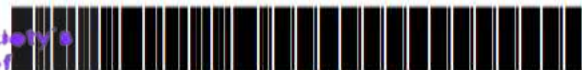


Ramasubbaiyan Hemavathy
Co-Founder Saitecops [BS5] Innovation and Development LLP



PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.



ABC-4530

Pillai's HOC Educational Campus
Rasayani, Tal. Khalepur
Dist. Raigad, Pin-410 207

University of Mumbai



Inward No. 088/21
Date 15/09/21
Sign. [Signature]

Research Project No : 890

NAME OF THE RESEARCHER : Mr. Admir Shaikh
LECTURE IN : Electrical Engineering
AMOUNT SANCTIONED : Rs. 35,000/-
CO-INVESTIGATOR :

Ref No. AAMS/ICD/106 of 2021
23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
Engineering & Technology, Pillai HOCL Educational
Campus, Rasayani Tal.Khalapur, Dist. Raigad.-
410 207.

Sub: - Minor Research Grant Project.

Sir/Madam,

I am directed to inform you that the said proposal has been considered by the University and the research grant as quoted above is sanctioned to the researcher.

The sanctioned amount will be disbursed in two installments. The first installment of 70% of the sanctioned amount will be disbursed within the month of August. The remaining 30% amount will be disbursed up to 31st December, 2021.

The researcher is expected to spend 30% amount initially from his/her own resources to carry out the work.

Further, I am to inform you that the researcher will have to utilize the 100% sanctioned amount on or before 31st December, 2021 and submit original bills/vouchers of the expenditure alongwith Utilization Certificate duly certified by the Principal/ Director/ Head/Institute/University Department of the College to The Deputy Registrar, Accounts Section, Mahatma Phule Bhavan, Vidyanagari, Kalina Campus, University of Mumbai, Mumbai - 400 098 .

The report of the research work carried out by the concerned researcher will have to be submitted to the University on or before 31st December, 2021.

The Principal/Head of the Institute are requested to inform the researcher accordingly and arrange to forward his/her undertaking immediately to enable this office to release first installment of the research grant.

PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur
Dist. Raigad. Pin-410 207

Yours faithfully,

[Signature]

University of Mumbai



838
Inward No. 098/21
Date 15/09/21
Sign. [Signature]

Research Project No : 838

NAME OF THE RESEARCHER : Amar Arun Jadhav
LECTURE IN : Mechanical Engineering
AMOUNT SANCTIONED : Rs. 50,000
CO-INVESTIGATOR :

Ref No. AAMS/ICD/106 of 2021
23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasayani Tal. Khalapur, Dist. Raigad.-
410 207.

Sub: - Minor Research Grant Project.

Sir/Madam,

I am directed to inform you that the said proposal has been considered by the University and the research grant as quoted above is sanctioned to the researcher.

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PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology,
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur,
Dist. Raigad, Pin-410 207

Yours faithfully,
[Signature]

University of Mumbai



Inward No. 1000/21
Date 5/07/21
Sign. [Signature]

Research Project No : 535

NAME OF THE RESEARCHER : Avinash J. Kamble
LECTURE IN : mathematics
AMOUNT SANCTIONED : 35,000/-
CO-INVESTIGATOR :

RefNo. AAMS/ICD/106 of 2021
- 23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasayani Tal.Khalapur, Dist. Raigad.-
410 207.

Sub: - Minor Research Grant Project.

Sir/Madam,

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PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur
Dist. Raigad, Pin-410 207

Yours faithfully,

[Signature]

University of Mumbai



1096
Inward No. 096/21
Date 15/09/21
Sign. [Signature]

Research Project No : 1096

NAME OF THE RESEARCHER : Jayesh Liladhar Rane
LECTURE IN : Electronics & Telecommunication
AMOUNT SANCTIONED : Rs. 35000/-
CO-INVESTIGATOR :

Ref No. AAMS/ICD/106 of 2021
23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasayani Tal.Khalapur, Dist. Raigad.-
410 207.

Sub: - Minor Research Grant Project.

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I am directed to inform you that the said proposal has been considered by the University and the research grant as quoted above is sanctioned to the researcher.

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PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology,
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur
Dist. Raigad, Pin-410 207

Yours faithfully,

[Signature]

University of Mumbai



Inward No. 083/21
Date 15/09/21
Sign. [Signature]

810

Research Project No : 810

NAME OF THE RESEARCHER : Mr. Karthik Nagarajan
LECTURE IN : Civil Engineering
AMOUNT SANCTIONED : RS. 40,000/-
CO-INVESTIGATOR :

Ref No. AAMS/ICD/106 of 2021
23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasayani Tal. Khalapur, Dist. Raigad.-
410 207.

Sub: - Minor Research Grant Project.

Sir/Madam,

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PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur
Dist. Raigad. Pin-410 207

Yours faithfully,

[Signature]

University of Mumbai



Inward No. 086/21
Date 15/09/21
Sign [Signature]

809

Research Project No : 809

NAME OF THE RESEARCHER : Mr. Manish Paghunath Mane
LECTURE IN : Civil Engineering
AMOUNT SANCTIONED : RS. 30,000/-
CO-INVESTIGATOR :

Ref No. AAMS/ICD/106 of 2021
23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasayani Tal. Khalapur, Dist. Raigad.-
410 207.

Sub: - Minor Research Grant Project.

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The report of the research work carried out by the concerned researcher will have to be submitted to the University on or before 31st December, 2021.

The Principal/Head of the Institute are requested to inform the researcher accordingly and arrange to forward bills/her undertaking immediately to enable this office to release first installment of the research grant.

PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology,
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur,
Dist. Raigad, Pin-410 207

Yours faithfully,

[Signature]

University of Mumbai

951



Inward No. 092/2
Date 15/09/21
Sign. [Signature]

Research Project No : 951

NAME OF THE RESEARCHER : Nikhil Raje
LECTURE IN : Computer Engg.
AMOUNT SANCTIONED : 30,000/-
CO-INVESTIGATOR :

Ref No. AAMS/ICD/106 of 2021
23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasayani Tal.Khalapur, Dist. Raigad.-
410 207.

Sub: - Minor Research Grant Project.

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PRINCIPAL
Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur
Dist. Raigad. Pin-410 207

Yours faithfully,

[Signature]

University of Mumbai

560



Inward No. 089/21
Date 15/9/21
Sign. [Signature]

Research Project No : 560

NAME OF THE RESEARCHER : Mr. Nilesh Bhanudas Reut
LECTURE IN : Physics
AMOUNT SANCTIONED : 40,000/-
CO-INVESTIGATOR :

RefNo. AAMS/ICD/106 of 2021
23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasayani Tal.Khalapur, Dist. Raigad.-
410 207.

Sub: - Minor Research Grant Project.

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PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.

Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur
Dist. Raigad. Pin-410 207

Yours faithfully,

[Signature]

University of Mumbai



Inward No. 081/21
Date 15/9/21
Sign. [Signature]

Research Project No : 837

NAME OF THE RESEARCHER : Mr. Rahul Shankarrao Warghane
LECTURE IN : Mechanical Engineering
AMOUNT SANCTIONED : Rs. 42,000/-
CO-INVESTIGATOR :

Ref No. AAMS/ICD/106 of 2021
23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasayani Tal.Khalapur, Dist. Raigad.-
410 207.

Sub: - Minor Research Grant Project.

Sir/Madam,

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The report of the research work carried out by the concerned researcher will have to be submitted to the University on or before 31st December, 2021.

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PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur
Dist. Raigad. Pin-410 207

Yours faithfully,

Assistant Registrar



Inward No. 1001/21
Date 15/09/21
Signature

Research Project No. 534

NAME OF THE RESEARCHER : Ravindra Prabhakar Rewaskar
LECTURE IN : Mathematics
AMOUNT SANCTIONED : 25,000/-
CO-INVESTIGATOR :

Ref No. AAMS/ICD/106 of 2021
23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasayani Tal.Khalapur, Dist. Raigad.-
410 207.

Sub: - Minor Research Grant Project.

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(Signature)

PRINCIPAL
Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur
Dist. Raigad. Pin-410 207

Yours faithfully,

(Signature)

Assistant Registrar
(Academic Planning & Development Section)



Inward No. 15/09/21
Date 15/09/21
Sign. [Signature]

Research Project No : 864

NAME OF THE RESEARCHER : Suhas A. Uthale
LECTURE IN : Mechanical Engineering
AMOUNT SANCTIONED : RS. 50000/-
CO-INVESTIGATOR : _____

RefNo. AAMS/ICD/106 of 2021

23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasayani Tal.Khalapur, Dist. Raigad.-
410 207.

Sub: - Minor Research Grant Project.

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[Signature]

PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology,
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur,
Dist. Raigad, Pin-410 207

Yours faithfully,

[Signature]

Assistant Registrar
(Academic Planning & Development Section)

University of Mumbai



Inward No. 099/21
Date 15/9/21
Sign. [Signature]

868

Research Project No : 868

NAME OF THE RESEARCHER : Vivek Meshram
LECTURE IN : Mechanical Engineering
AMOUNT SANCTIONED : Rs. 35000/-
CO-INVESTIGATOR :

Ref No. AAMS/ICD/106 of 2021

23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasayani Tal.Khalapur, Dist. Raigad.-
410 207.

Sub: - Minor Research Grant Project.

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The sanctioned amount will be disbursed in two installments. The first installment of 70% of the sanctioned amount will be disbursed within the month of August. The remaining 30% amount will be disbursed up to 31st December, 2021.

The researcher is expected to spend 30% amount initially from his/her own resources to carry out the work.

Further, I am to inform you that the researcher will have to utilize the 100% sanctioned amount on or before 31st December, 2021 and submit original bills/vouchers of the expenditure alongwith Utilization Certificate duly certified by the Principal/ Director/ Head/Institute/University Department of the College to The Deputy Registrar, Accounts Section, Mahatma Phule Bhavan, Vidyanagari, Kalina Campus, University of Mumbai, Mumbai - 400 098 .

The report of the research work carried out by the concerned researcher will have to be submitted to the University on or before 31st December, 2021.

The Principal/Head of the Institute are requested to inform the researcher accordingly and arrange to forward his/her undertaking immediately to enable this office to release first installment of the research grant.

PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur
Dist. Raigad, Pin-410 207

Yours faithfully,

[Signature]

University of Mumbai



Inward No. 093/15
Date 15/09/21
Sign. [Signature]

Research Project No : 1025

NAME OF THE RESEARCHER : Farheen Talib
LECTURE IN : Information Technology
AMOUNT SANCTIONED : RS-30000/-
CO-INVESTIGATOR :

RefNo. AAMS/ICD/106 of 2021
23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasayani Tal.Khalapur, Dist. Raigad.-
410 207.

Sub: - Minor Research Grant Project.

Sir/Madam,

I am directed to inform you that the said proposal has been considered by the University and the research grant as quoted above is sanctioned to the researcher.

The sanctioned amount will be disbursed in two installments. The first installment of 70% of the sanctioned amount will be disbursed within the month of August. The remaining 30% amount will be disbursed up to 31st December, 2021.

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PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur
Dist. Raigad. Pin-410 207

Yours faithfully,

[Signature]

University of Mumbai



Inward No. 094/21
Date 15/09/21
Sign. [Signature]

Research Project No : 983

NAME OF THE RESEARCHER : MS. Kiranjeet Kaur
LECTURE IN : Computer Engg
AMOUNT SANCTIONED : 20,000/-
CO-INVESTIGATOR :

RefNo. AAMS/ICD/106 of 2021
23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasayani Tal.Khalapur, Dist. Raigad.-
410 207.

Sub - Minor Research Grant Project.

Sir/Madam,

I am directed to inform you that the said proposal has been considered by the University and the research grant as quoted above is sanctioned to the researcher.

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The Principal/Head of the Institute are requested to inform the researcher accordingly and arrange to forward his/her undertaking immediately to enable this office to release first installment of the research grant.

[Signature]

PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology,
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur,
Dist. Raigad, Pin-410 207

Yours faithfully,

[Signature]

Assistant Registrar
(Academic Planning & Development Section)

University of Mumbai



Inward No. 091/21
Date 15/9/21
Research Project No: 1030

NAME OF THE RESEARCHER : Komal Golimbade
LECTURE IN : Information Technology
AMOUNT SANCTIONED : RS - 20000/-
CO-INVESTIGATOR :

Ref No. AAMS/ICD/106 of 2021
23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasayani Tal.Khalapur, Dist. Raigad.-
410 207.

Sub - Minor Research Grant Project.

Sir/Madam,

I am directed to inform you that the said proposal has been considered by the University and the research grant as quoted above is sanctioned to the researcher.

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PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur
Dist. Raigad. Pin-410 207

Yours faithfully,

Assistant Registrar

(Academic Planning & Development Section)

University of Mumbai

1132



Inward No. 082/21
Date 15/09/21
Sign. Hys

Research Project No: 1132

NAME OF THE RESEARCHER : Dr. Manse Subhedar
LECTURE IN : Electronics & Telecommunications
AMOUNT SANCTIONED : Rs. 25000/-
CO-INVESTIGATOR :

Ref No. AAMS/ICD/106 of 2021
23rd July, 2021

To,

Pillai HOC College of Engg. & Technology, Pillai
HOCL Educational Campus, Rasayani
Tal.Khalapur, Dist. Raigad.-410 207.

Sub: - Minor Research Grant Project.

Sir/Madam,

I am directed to inform you that the said proposal has been considered by the University and the research grant as quoted above is sanctioned to the researcher.

The sanctioned amount will be disbursed in two installments. The first installment of 70% of the sanctioned amount will be disbursed within the month of August. The remaining 30% amount will be disbursed up to 31st December, 2021.

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The Principal/Head of the Institute are requested to inform the researcher accordingly and arrange to forward his/her undertaking immediately to enable this office to release first installment of the research grant.

PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology,
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur
Dist. Raigad. Pin-410 207

Yours faithfully,

University of Mumbai

Inward No. 990/21
Date 15/09/21
Sign. [Signature]

934



Research Project No : 934

NAME OF THE RESEARCHER : Ms. Neha Nilesh Rame
LECTURE IN : Computer Engg
AMOUNT SANCTIONED : 25,000/-
CO-INVESTIGATOR :

Ref No. AAMS/ICD/106 of 2021

23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Education,
Campus, Rasayani Tal. Khalapur, Dist. Raigad.-
410 207.

Sub: - Minor Research Grant Project.

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PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.

Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur
Dist. Raigad. Pin-410 207

Yours faithfully,

[Signature]

University of Mumbai



Inward No. 084/21
Date 15/09/21
Sign. [Signature]

Research Project No : 950

NAME OF THE RESEARCHER : i. s. Neha Rathi
LECTURE IN : Computer Engg.
AMOUNT SANCTIONED : 15,000/-
CO-INVESTIGATOR :

RefNo. AAMS/ICD/106 of 2021
23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasayani Tal.Khalapur, Dist. Raigad.-
410 207.

Sub: - Minor Research Grant Project.

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PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur
Dist. Raigad. Pin-410 207

Yours faithfully,

University of Mumbai



Inward No. 080/21
Date 15/09/21
Sign. [Signature]

952

Research Project No : 952

NAME OF THE RESEARCHER : Ms. Rohini Bhosale
LECTURE IN : Computer Engg.
AMOUNT SANCTIONED : 30,000/-
CO-INVESTIGATOR :

Ref No. AAMS/ICD/106 of 2021
23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasayani Tal. Khalapur, Dist. Raigad.-
410 207

Sub: - Minor Research Grant Project.

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PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur
Dist. Raigad. Pin-410 207

Yours faithfully,

[Signature]

University of Mumbai



1016
Inward No. 097/21
Date 15/09/21
Sign. [Signature]

Research Project No : 1016

NAME OF THE RESEARCHER : Rupali Sathe
LECTURE IN : Information Technology
AMOUNT SANCTIONED : Rs - 30000/-
CO-INVESTIGATOR :

Ref No. AAMS/ICD/106 of 2021
23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasayani Tal.Khalapur, Dist. Raigad.-
410 207.

Sub: - Minor Research Grant Project.

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PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur
Dist. Raigad. Pin-410 207

Yours faithfully,

[Signature]

University of Mumbai



904
Inward No. 087/21
Date 15/09/21
Sign. P/SC

Research Project No : 904

NAME OF THE RESEARCHER : Sanobar S.
LECTURE IN : Electrical Engg.
AMOUNT SANCTIONED : 35,000/-
CO-INVESTIGATOR :

RefNo. AAMS/ICD/106 of 2021
23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasayani Tal.Khalapur, Dist. Raigad.-
410 207.

Sub: - Minor Research Grant Project.

Sir/Madam,

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The report of the research work carried out by the concerned researcher will have to be submitted to the University on or before 31st December, 2021.

The Principal/Head of the Institute are requested to inform the researcher accordingly and arrange to forward bills/her undertaking immediately to enable this office to release first installment of the research grant.

PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.
Pillai's HOC Educational Campus
Rasayani, Tal. Khalapur
Dist. Raigad. Pin-410 207

Yours faithfully,
No.



Inward No. 079/21
Date 15/09/21
Sign. [Signature]

Research Project No : 671

NAME OF THE RESEARCHER : Ms. Sumita Saheb Khemsole
LECTURE IN : Chemistry
AMOUNT SANCTIONED : 25,000/-
CO-INVESTIGATOR :

Ref No. AAMS/ICD/106 of 2021
23rd July, 2021

To,

Mahatma Education Society's, Pillai HOC College
of Engg. & Technology, Pillai HOCL Educational
Campus, Rasavani Tal. Khalapur, Dist. Raigad.-
410 207.

Sub: - Minor Research Grant Project.

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The Principal/Head of the Institute are requested to inform the researcher accordingly and arrange to forward his/her undertaking immediately to enable this office to release first installment of the research grant.

[Signature]

PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.

Pillai's HOC Educational Campus
Rasavani, Tal. Khalapur
Dist. Raigad. Pin-410 207

Yours faithfully,

[Signature]

Assistant Registrar
(Academic Planning & Development Section)

University of Mumbai



Date 10/04/19
Sign [Signature]

Research Project No:10

NAME OF THE RESEARCHER : Ms. Manisha Jamgade
LECTURE IN : Civil Engineering
AMOUNT SANCTIONED : Rs.30000 /-

Ref No. APD/237/601 of 2019
27th March, 2019

To,
The Principal,
Pillai HOC College of Engineering and Technology
Pillai HOCL Educational Campus,
Rasayani, district Raigad - 410207

Sub: - Minor Research Grant Project.

Sir/Madam,

I am directed to inform you that the said proposal has been considered by the University and the research grant as quoted above is sanctioned to the researcher.

The sanctioned amount will be disbursed in two installments. The first installment of 40% of the sanctioned amount will be disbursed within the month of March. The remaining 60% amount will be disbursed up to 31st August, 2019.

The researcher is expected to spend 60% amount initially from his/her own resources to carry out the work.

Further, I am to inform you that the researcher will have to utilize the 40% sanctioned amount on or before 31st March, 2019 and submit original bills/vouchers of the expenditure alongwith Utilization Certificate duly certified by the Principal/ Director/ Head/Institute/University-Department of the College to the Accounts Section of University.

Please note that 60% balance amount out of sanctioned grant will be released after presentation of your proposal & final approval of the committee. You need to submit utilization certificate after presentation of your research and final approval of 60% grant including bills/vouchers/receipts in original through University Accounts Section.

The report of the research work carried out by the concerned researcher will have to be submitted to the University on or before 31st August 2019.

The Principal/Head of the Institute are requested to inform the researcher accordingly and arrange to forward his/her undertaking immediately to enable this office to release first installment of the research grant.

Yours faithfully,

[Signature]
Assistant Registrar ---
(Academic Planning & Development)

PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology,
Pillai's HOC Educational Campus
Rasayani, Tal. Khalepur
Dist. Raigad. Pin-410 207

Inward No. 395/19
Date 10/4/19
Sign. [Signature]

University of Mumbai



Research Project No:56

NAME OF THE RESEARCHER : Dr. Gajendra V. Patil
LECTURE IN : Mechanical Engg.
AMOUNT SANCTIONED : Rs.45000 /-

Ref No. APD/237/601 of 2019
27th March, 2019

To,
The Principal,
Pillai HOC College of Engineering and Technology
Pillai HOCL Educational Campus, Rasayani, district Raigad - 410207

Sub: - Minor Research Grant Project.

Sir/Madam,

I am directed to inform you that the said proposal has been considered by the University and the research grant as quoted above is sanctioned to the researcher.

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The Principal/Head of the Institute are requested to inform the researcher accordingly and arrange to forward his/her undertaking immediately to enable this office to release first installment of the research grant.

Yours faithfully,

[Signature]
Assistant Registrar
(Academic Planning & Development)

PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.
Pillai's HOC Educational Campus
Rasayani, Tal. Khalepur,
Dist. Raigad. Pin-410 207

University of Mumbai



Inward No. 288/19
Date 10/09/19
Sign Y/S

Research Project No:9

NAME OF THE RESEARCHER : Madhulika Sinha
LECTURE IN : Civil Engineering
AMOUNT SANCTIONED : Rs.40000 /-

Ref No. APD/237/601 of 2019
27th March, 2019

To,
The Principal,
Pillai HOC College of Engineering and Technology
Pillai HOCL Educational Campus,
Rasayani, district Raigad - 410207

Sub: - Minor Research Grant Project.

Sir/Madam,

I am directed to inform you that the said proposal has been considered by the University and the research grant as quoted above is sanctioned to the researcher.

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The report of the research work carried out by the concerned researcher will have to be submitted to the University on or before 31st August 2019.

The Principal/Head of the Institute are requested to inform the researcher accordingly and arrange to forward his/her undertaking immediately to enable this office to release first installment of the research grant.

Yours faithfully,

S. Sawant
Assistant Registrar
(Academic Planning & Development)

[Signature]

Received
[Signature]

PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology,
Pillai's HOC Educational Campus
Rasayani, Tal. Khalepur
Dist. Raigad, Pin-410 207

University of Mumbai



Inward No. 389/19
Date 10/04/19
Sign [Signature]

Research Project No:11

NAME OF THE RESEARCHER : Ms. Sonali Vikrant Baviskar
LECTURE IN : Civil Engineering
AMOUNT SANCTIONED : Rs.40000 /-

Ref No. APD/237/601 of 2019
27th March, 2019

To,
The Principal,
Pillai HOC College of Engineering and Technology
Pillai HOCL Educational Campus,
Rasayani, district Raigad - 410207.

Sub: - Minor Research Grant Project.

Sir/Madam,

I am directed to inform you that the said proposal has been considered by the University and the research grant as quoted above is sanctioned to the researcher.

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The Principal/Head of the Institute are requested to inform the researcher accordingly and arrange to forward his/her undertaking immediately to enable this office to release first installment of the research grant.

Yours faithfully,

[Signature]
Assistant Registrar
(Academic Planning & Development)

PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.

Pillai's HOC Educational Campus
Rasayani, Tal. Khalepur
Dist. Raigad. Pin-410 207



Inward No. 391/19
Date 10/04/19
Sign [Signature]

Research Project No:70

NAME OF THE RESEARCHER : Mrs.Sangeetha Rajagopal
LECTURE IN : Electrical Engg.
AMOUNT SANCTIONED : Rs.30000 /-

Ref No. APD/237/601 of 2019
27th March, 2019

To,
The Principal,
Mahatma Education Society's
Pillai HOC College of Engineering & Technology
Pillai HOCL Educational Campus, HOC Colony, Rasayani, Via. Panvel, Dist. Raigad - 410 207

Sub: - Minor Research Grant Project.

Sir/Madam,

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The report of the research work carried out by the concerned researcher will have to be submitted to the University on or before 31st August 2019.

The Principal/Head of the Institute are requested to inform the researcher accordingly and arrange to forward his/her undertaking immediately to enable this office to release first installment of the research grant.

Yours faithfully,

[Signature]
Assistant Registrar
(Academic Planning & Development)

[Signature]

PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.
Pillai's HOC Educational Campus
Rasayani, Tal. Khelapur,
Dist. Raigad. Pin-410 207

University of Mumbai



Inward No. 392/19
Date 10/4/19
Sign. [Signature]

Research Project No:137

NAME OF THE RESEARCHER : Ms. Rekha R. dhawan
LECTURE IN : Electronics and Telecommunication
AMOUNT SANCTIONED : Rs.15000 /-

Ref No. APD/237/601 of 2019

27th March, 2019

To,
The Principal,
Mahatma Education Society's
Pillai HOC College of Engineering & Technology
Pillai HOCL Educational Campus, HOC Colony,
Rasayani, Via. Panvel, Dist. Raigad - 410 207

Sub: - Minor Research Grant Project.

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Yours faithfully,

Suswant
Assistant Registrar
(Academic Planning & Development)

[Signature]

PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology.
Pillai's HOC Educational Campus
Rasayani, Tal. Khalepur
Dist. Raigad. Pin-410 207

University of Mumbai



Inward No. 398/19
Date 10/4/19
Sign Hg

Research Project No:373

NAME OF THE RESEARCHER : Dr. Manvendra Vashistha
LECTURE IN : Physics
AMOUNT SANCTIONED : Rs.35000 /-

Ref No. APD/237/601 of 2019
27th March, 2019

To,
The Principal,
Mahatma Education Society's
Pillai HOC College of Engineering and Technology,
Pillai HOC Educational Campus, HOC Colony,
Rasayani, Via. Panvel, Dist. Raigad - 410 207.

Sub: - Minor Research Grant Project.

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PRINCIPAL

Mahatma Education Society's
Pillai HOC College of
Engineering and Technology,
Pillai's HOC Educational Campus
Rasayani, Tal. Khelapur,
Dist. Raigad, Pin-410 207

Yours faithfully,

Scanned with CamScanner

University of Mumbai



Inward No. 397/19
Date 10/4/19
Sign. H/S

Research Project No:449

NAME OF THE RESEARCHER : Sanjay B. Ghorpade
LECTURE IN : Chemistry
AMOUNT SANCTIONED : Rs.30000 /-

Ref No. APD/237/601 of 2019
27th March, 2019

To,
The Principal,
Mahatma Education Society's
Pillai HOC College of Engineering & Technology,
Pillai HOCL Educational Campus, HOC Colony,
Rasayani, via panvel Dist. Raigad - 410 207.

Sub: - Minor Research Grant Project.

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Yours faithfully,

Susawant
Assistant Registrar
(Academic Planning & Development)

[Signature]
Principal

PRINCIPAL
Mahatma Education Society's
Pillai HOC College of
Engineering and Technology,
Pillai's HOC Educational Campus
Rasayani, Tal Khalepur
Dist. Raigad, Pin-410 207

University of Mumbai



Inward No. 393/19
Date 10/4/19
Sign. [Signature]

Research Project No:138

NAME OF THE RESEARCHER : Mrs. Swati Pramod Nandusekar
LECTURE-IN : Electronics and Telecommunication
AMOUNT SANCTIONED : Rs.20000 /-

Ref No. APD/237/601 of 2019
27th March, 2019

To,
The Principal,
Mahatma Education Society's
Pillai HOC College of Engineering & Technology
Pillai HOCL Educational Campus, HOC Colony,
Rasayani, Via. Panvel, Dist. Raigad - 410 207

Sub: - Minor Research Grant Project.

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Yours faithfully,

[Signature]
Assistant Registrar
(Academic Planning & Development)

[Signature]

PRINCIPAL

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Pillai HOC College of
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Pillai's HOC Educational Campus
Rasayani, Tal. Khalepur,
Dist. Raigad. Pin-410 207

University of Mumbai



Inward No.	396/19
Date	10/4/19
Sign.	[Signature]

Research Project No:395

NAME OF THE RESEARCHER : Ms. Vishakha Jayant Gajghate
LECTURE IN : Physics
AMOUNT SANCTIONED : Rs.40000 /-

Ref No. APD/237/601 of 2019
27th March, 2019

To,
The Principal,
Mahatma Education Society's
Pillai HOC College of Engineering & Technology,
Pillai HOCL Educational Campus,
HOC Colony, Rasayani, Via. Panvel,
Dist. Raigad - 410 207.

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Pillai HOC Educational Campus
Rasayani, Tal. Khalepur
Dist. Raigad. Pin-410 207

Yours faithfully,

Scanned with CamScanner

University of Mumbai



Inward No.	394/19
Date	10/4/19
Sign.	[Signature]

Research Project No:86

NAME OF THE RESEARCHER : Dr. Ashok Kanthe
LECTURE IN : Computer Engg.
AMOUNT SANCTIONED : Rs.30000 /-

Ref No. APD/237/601 of 2019

27th March, 2019

To,
The Principal,
Mahatma Education Society's
Pillai HOC College of Engineering & Technology
Pillai HOCL Educational Campus, HOC Colony,
Rasayani, Via. Panvel, Dist. Raigad - 410 207

Sub: - Minor Research Grant Project.

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Dist. Raigad, Pin-410 207

Yours faithfully,

[Signature]
Assistant Registrar