



# LPCPS

LUCKNOW PUBLIC COLLEGE OF  
PROFESSIONAL STUDIES

(Affiliated to University of Lucknow, Lucknow)

## MAJOR RESEARCH PROJECT

### HUMAN-ROBOT INTERACTION: IMPORTANCE AND EXPERIMENTS

- Project Name** : **HUMAN-ROBOT INTERACTION:  
IMPORTANCE AND EXPERIMENTS**
- Project No.** : 2021/MRP/05/LPES
- Project Tenure** : April 01, 2021 – March 31, 2024
- Project Cost** : ~ Rs. 5.0 Lacs
- Project Scheme** : R & D Grant-in-Aid Scheme
- Funding Agency** : Lucknow Public Educational  
Society, 'A' Block, Rajajipuram,  
Lucknow (U.P.), India-226017.

Principal

Lucknow Public College of Professional Studies  
Vnamra Khand, Gomtinagar, Lucknow

Selection committee comprising following members met in the LPCPS- Conference Room on 05<sup>th</sup> April 2021 at 03.00 PM for the selection of a "Project Fellow" in the research project entitled "HUMAN-ROBOT INTERACTION: IMPORTANCE AND EXPERIMENTS" sanctioned by Lucknow Public Educational Society, 'A' Block, Rajajipuram, Lucknow. Following candidates have been selected in order of preference for the appointment as a "Project Fellow" in the research project.

[1]. ~~Shriom Maurya~~

[2].

[3].

1. Prof. (Dr.) Prashant K. Pandey, Director, AITM, Lucknow.  
(As an Expert: External Person)

2. Er. Avinash Kumar Pal, Principal, J K I T I, Lucknow.  
(As an Expert: External Person)

3. Dr. K. S. Awasthi, Co-Principal Investigator

4. Dr. L. S. Awasthi, Principal Investigator

5. Prof. (Dr.) Anil Singh, Principal, Lucknow Public College of Professional Studies, Lucknow.

APPROVED / ~~NOT APPROVED~~

  
(S. P. Singh)

General Manager

Lucknow Public College of Professional Studies,  
Vinamra Khand, Gomti Nagar, Lucknow

(S. P. Singh)  
General Manager

Lucknow Public College of Professional Studies  
Vinamra Khand, Gomti Nagar, Lucknow

Principal  
Lucknow Public College of Professional Studies  
Vinamra Khand, Gomti Nagar, Lko.



Principal

Lucknow Public College of Professional Studies  
Vinamra Khand, Gomtinagar, Lucknow



(A unit of Lucknow Public Schools & Colleges)

## LUCKNOW PUBLIC COLLEGE OF PROFESSIONAL STUDIES

(Affiliated to University of Lucknow)

Vinamra Khand, Gomti Nagar, Lucknow-226010 | Fax/ Phone: 9044059024  
E-mail: info@lpcps@gmail.com | Website: www.lpcpsportal.com

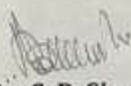
Ref.: LPCPS/VK/ 6110/2021/04/01

Date 06/04/2021

Mr. Shriom Maurya  
S/o Ram Kripal Maurya  
Lucknow.

Dear Mr. Shriom Maurya,

I am pleased to appoint you as a "Project Fellow" in a research project entitled "HUMAN-ROBOT INTERACTION: IMPORTANCE AND EXPERIMENTS" sanctioned by the Lucknow Public Educational Society, 'A' Block, Rajajipuram, Lucknow to Dr. Laxmi Shankar Awasthi. Your monthly emoluments will be Rs. 8000/- (Eight thousand only) per month and your appointment is co-terminus with the project. This is further to add that if at any time, it is noticed by the Principal Investigator of the project that your work is not satisfactory according to the need of the project then your appointment will come to end with one month notice. If these terms and conditions are acceptable, you may join your work with Dr. Laxmi Shankar Awasthi and send me your Joining letter.

  
(Dr. S. P. Singh)  
General Manager  
Lucknow Public College of Professional Studies,  
Vinamra Khand, Gomti Nagar, Lucknow.

April 06, 2021

S. P. Singh  
General Manager  
Lucknow Public College of Professional Studies  
Vinamra Khand, Gomti Nagar, Lucknow

Copy to: Dr. Laxmi Shankar Awasthi (Principal Investigator), Department of Computer Science, Lucknow Public College of Professional Studies, Vinamra Khand, Gomti Nagar, Lucknow.



Principal  
Lucknow Public College of Professional Studies  
Vinamra Khand, Gomtinagar, Lucknow

PROJECT NUMBER 2021/MRP/05/LPES

[APRIL 01, 2021- MARCH 31, 2024]


R/P entitled "HUMAN-ROBOT INTERACTION: IMPORTANCE AND EXPERIMENTS" under Prof. (Dr.) Laxmi Shankar Awasthi, Department of Computer Science, Lucknow Public College of Professional Studies, Vinamra Khand, Gomti Nagar, Lucknow bearing sanction No 2021/MRP/05/LPES with LPES 'A' Block, Rajajipuram, Lucknow.

Financial Year: 2021-2022

[APRIL 01, 2021- MARCH 31, 2022]

S. No.	DATE	DESCRIPTION	AMOUNT (in Rs.)
1	05/04/2021	Honorarium to Dr. Prashant K. Pandey (Selection of Project Fellow)	9500/-
2	05/04/2021	Honorarium to Er. Avinash Kumar Pal (Selection of Project Fellow)	9500/-
3	05/04/2021	Refreshment Items of 30 Persons from Daily Shoppe, Lucknow.	5700/-
4	30/04/2021	Stipend of the Project Fellow	8000/-
5	31/05/2021	Stipend of the Project Fellow	8000/-
6	30/06/2021	Stipend of the Project Fellow	8000/-
7	15/07/2021	Design and Printing from Shree Sai Digital Solutions, Lucknow.	3750/-
8	31/07/2021	Stipend of the Project Fellow	8000/-
9	31/08/2021	Stipend of the Project Fellow	8000/-
10	30/09/2021	Stipend of the Project Fellow	8000/-
11	04/10/2021	Conveyance Charge to visit UoA, Prayagraj through A. K. Transports, Lucknow.	19800/-
12	30/10/2021	Stipend of the Project Fellow	8000/-
13	08/11/2021	Sanitization Chemicals from Sita Ram Chemical Store, Lucknow.	4800/-
14	09/11/2021	Conveyance Charge to visit IET, DR. R. M. L. A. U., Ayodhya through A. K. Transports, Lucknow.	15600/-
15	30/11/2021	Stipend of the Project Fellow	8000/-
16	24/12/2021	Stipend of the Project Fellow	8000/-
17	17/01/2022	Design and Printing from Shree Sai Digital Solutions, Lucknow.	4215/-
18	31/01/2022	Stipend of the Project Fellow	8000/-
19	28/02/2022	Stipend of the Project Fellow	8000/-
20	07/03/2022	Conveyance Charge to visit IIT-BHU, Varanasi through A. K. Transports, Lucknow.	18400/-
21	31/03/2022	Stipend of the Project Fellow	8000/-
TOTAL EXPENDITURES FOR THE FINANCIAL YEAR 2021-2022 i.e. APRIL 01, 2021- MARCH 31, 2022 TOWARDS THE MAJOR RESEARCH PROJECT BEARING SANCTION NO. 2021/MRP/05/LPES WITH LPES 'A' BLOCK, RAJAJIPURAM, LUCKNOW.			Rs. 187,265/- (Rs. One Lac Eighty Seven Thousand Two Hundred Sixty Five Only)

  
(Mr. Kamlesh Singh)  
Account Office

  
(Prof. L. S. Awasthi)  
Principal-Investigator  
Lucknow Public College of Professional Studies  
Vinamra Khand, Gomti Nagar, Lko.

  
(Prof. Anil Singh)  
Principal

  
(Dr. S. P. Singh)  
General Manager

(S. P. Singh)  
General Manager  
Lucknow Public College of Professional Studies  
Vinamra Khand, Gomti Nagar, Lucknow





Principal  
Lucknow Public College of Professional Studies  
Vinamra Khand, Gomtinagar, Lucknow

PROJECT NUMBER 2021/MRP/05/LPES

[APRIL 01, 2021- MARCH 31, 2024]


R/P entitled "HUMAN-ROBOT INTERACTION: IMPORTANCE AND EXPERIMENTS" under Prof. (Dr.) Laxmi Shankar Awasthi, Department of Computer Science, Lucknow Public College of Professional Studies, Vinamra Khand, Gomti Nagar, Lucknow bearing sanction No. 2021/MRP/05/LPES with LPES 'A' Block, Rajajipuram, Lucknow.

Financial Year: 2022-2023

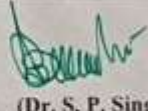
[APRIL 01, 2022- MARCH 31, 2023]

S. No.	DESCRIPTION	AMOUNT (in Rs.)
1	Stipend of the Project Fellow (MONTH-APRIL, 2022)	8000/-
2	Stipend of the Project Fellow (MONTH-MAY, 2022)	8000/-
3	Stipend of the Project Fellow (MONTH-JUNE, 2022)	8000/-
4	Stipend of the Project Fellow (MONTH-JULY, 2022)	8000/-
5	Stipend of the Project Fellow (MONTH-AUGUST, 2022)	8000/-
6	Stipend of the Project Fellow (MONTH-SEPTEMBER, 2022)	8000/-
7	Stipend of the Project Fellow (MONTH-OCTOBER, 2022)	8000/-
8	Stipend of the Project Fellow (MONTH-NOVEMBER, 2022)	8000/-
9	Stipend of the Project Fellow (MONTH-DECEMBER, 2022)	8000/-
10	Stipend of the Project Fellow (MONTH-JANUARY, 2023)	8000/-
11	Stipend of the Project Fellow (MONTH-FEBRUARY, 2023)	8000/-
12	Stipend of the Project Fellow (MONTH-MARCH, 2023)	8000/-
13	Conveyance Charge to visit IIT, BHU, VARANASI through D. K. TRANSPORTS, LUCKNOW.	21,850/-
14	Conveyance Charge to visit DDU GKP, UNIVERSITY, GORAKHPUR through D. K. TRANSPORTS, LUCKNOW.	21,335/-
15	Designing and Printing Charges from SHREE SAI DIGITAL SOLUTIONS, LUCKNOW.	5325/-
16	Designing and Printing Charges from SHREE SAI DIGITAL SOLUTIONS, LUCKNOW.	5560/-
17	Stationery Items from ALAM STATIONERY, LUCKNOW.	3150/-
18	Stationery Items from ALAM STATIONERY, LUCKNOW.	4405/-
19	Chemicals from KHAN CHEMICAL STORE, LUCKNOW.	10790/-
20	Chemicals from KHAN CHEMICAL STORE, LUCKNOW.	14433/-
<b>TOTAL EXPENDITURES FOR THE FINANCIAL YEAR 2022-2023 i.e. APRIL 01, 2022- MARCH 31, 2023 TOWARDS THE MAJOR RESEARCH PROJECT BEARING SANCTION NO. 2021/MRP/05/LPES WITH LPES 'A' BLOCK, RAJAJIPURAM, LUCKNOW.</b>		<b>Rs. 182,848/-</b>
		(Rs. One Lac Eighty Thousand Eight Hundred Forty Eight Only)

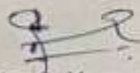
  
(Mr. Kamlesh Singh)  
Account Office

  
(Prof. L. S. Awasthi)  
Principal-Investigator

  
(Prof. Anil Singh)  
Principal

  
(Dr. S. P. Singh)  
General Manager

For R. P. Verma & Co.  
Chartered Accountants

  
(R. P. Verma)  
Proprietor





Principal

Lucknow Public College of Professional Studies  
Vinamra Khand, Gomtinagar, Lucknow



# LPCPS

LUCKNOW PUBLIC COLLEGE OF  
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## MAJOR RESEARCH PROJECT

**RESEARCH ON GREEN DESIGN AND ASSEMBLY OF  
ENVIRONMENTAL RESPONSIVE CAR**

- Project Name** : **RESEARCH ON GREEN DESIGN AND  
ASSEMBLY OF ENVIRONMENTAL  
RESPONSIVE CAR**
- Project No.** : 2022/MRP/06/LPES
- Project Tenure** : April 01, 2022 – March 31, 2025
- Project Cost** : ~ Rs. 5.0 Lacs
- Project Scheme** : R & D Grant-in-Aid Scheme
- Funding Agency** : Lucknow Public Educational  
Society, 'A' Block, Rajajipuram,  
Lucknow (U.P.), India-226017.

Principal

Lucknow Public College of Professional Studies  
Vnamra Khand, Gomtinagar, Lucknow

Selection committee comprising following members met in the LPCPS- Conference Room on 11<sup>th</sup> April 2022 at 01.30 PM for the selection of a "Project Fellow" in the research project entitled "RESEARCH ON GREEN DESIGN AND ASSEMBLY OF ENVIRONMENTAL RESPONSIVE CAR" sanctioned by Lucknow Public Educational Society, 'A' Block, Rajajipuram, Lucknow. Following candidates have been selected in order of preference for the appointment as a "Project Fellow" in the research project.

[1]. *Sunil Kumar Singh*

[2].

[3].

*[Signature]*  
1. Prof. (Dr.) Prashant K. Pandey, Director, AITM, Lucknow.  
(As an Expert: External Person)

*[Signature]*  
2. Er. Avinash Kumar Pal, Principal, J K I T I, Lucknow.  
(As an Expert: External Person)

*[Signature]*  
3. Dr. A. K. Rai, Co-Principal Investigator

*[Signature]*  
4. Dr. L. S. Awasthi, Principal Investigator

*[Signature]*  
5. Prof. (Dr.) Anil Singh, Principal, Lucknow Public College of Professional Studies, Lucknow.

APPROVED / NOT - APPROVED

*[Signature]*  
(S. P. Singh)

General Manager

Lucknow Public College of Professional Studies,  
Vinamra Khand, Gomti Nagar, Lucknow

*[Signature]*

Principal

Lucknow Public College of Professional Studies  
Vinamra Khand, Gomtinagar, Lucknow



(A unit of Lucknow Public Schools & Colleges)

## LUCKNOW PUBLIC COLLEGE OF PROFESSIONAL STUDIES

(Affiliated to University of Lucknow)

Vinamra Khand, Gomti Nagar, Lucknow-226010 | Fax/ Phone: 9044059024  
E-mail: info@lpcps@gmail.com | Website: www.lpcpsportal.com

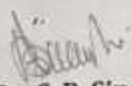
Ref.: LPCPS/VK/GM/2022/04/01

Date 12/04/2022

Mr. Sunil Kumar Singh  
S/o Indra Bahadur Singh  
Gokula, Sakipur, Gonda, Uttar Pradesh-271309.

Dear Mr. Sunil Kumar Singh,

I am pleased to appoint you as a "Project Fellow" in a research project entitled "RESEARCH ON GREEN DESIGN AND ASSEMBLY OF ENVIRONMENTAL RESPONSIVE CAR" sanctioned by the Lucknow Public Educational Society, 'A' Block, Rajajipuram, Lucknow to Dr. Laxmi Shankar Awasthi. Your monthly emoluments will be Rs. 8000/- (Eight thousand only) per month and your appointment is co-terminus with the project. This is further to add that if at any time, it is noticed by the Principal Investigator of the project that your work is not satisfactory according to the need of the project then your appointment will come to end with one month notice. If these terms and conditions are acceptable, you may join your work with Dr. Laxmi Shankar Awasthi and send me your Joining letter.

  
(Dr. S. P. Singh)  
General Manager  
Lucknow Public College of Professional Studies,  
Vinamra Khand, Gomti Nagar, Lucknow.

April 12, 2022

(S. P. Singh)  
General Manager  
Lucknow Public College of Professional Studies  
Vinamra Khand, Gomti Nagar, Lucknow

Copy to: Dr. Laxmi Shankar Awasthi (Principal Investigator), Department of  
Computer Science, Lucknow Public College of Professional Studies, Vinamra  
Khand, Gomti Nagar, Lucknow.



Principal  
Lucknow Public College of Professional Studies  
Vinamra Khand, Gomtinagar, Lucknow



**PROJECT NUMBER 2022/MRP/06/LPES**

**[APRIL 01, 2022- MARCH 31, 2023]**


R/P entitled "RESEARCH ON GREEN DESIGN AND ASSEMBLY OF ENVIRONMENTAL RESPONSIVE CAR" under Prof. (Dr.) Laxmi Shankar Awasthi, Department of Computer Science, Lucknow Public College of Professional Studies, Vinamra Khand, Gomti Nagar, Lucknow bearing sanction No. 2022/MRP/06/LPES with LPES 'A' Block, Rajajipuram, Lucknow.


**Financial Year: 2022-2023**


**[APRIL 01, 2022- MARCH 31, 2023]**

S. No.	DESCRIPTION	AMOUNT (in Rs.)
1	Honorarium to Dr. Prashant K. Pandey (Selection of Project Fellow).	9500/-
2	Honorarium to Er. Avinash Kumar Pal (Selection of Project Fellow).	9500/-
3	Refreshment Items of 30 Persons from Abdul General Store, Lucknow.	6300/-
4	Stipend of the Project Fellow (MONTH-APRIL, 2022)	8000/-
5	Stipend of the Project Fellow (MONTH-MAY, 2022)	8000/-
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18	Conveyance Charge to visit UoA, Prayagraj through D. K. TRANSPORTS, LUCKNOW.	20000/-
19	Conveyance Charge to visit IET, Ayodhya through D. K. TRANSPORTS, LUCKNOW.	16560/-
20	Chemicals from KHAN CHEMICAL STORE, LUCKNOW.	13800/-
21	Chemicals from KHAN CHEMICAL STORE, LUCKNOW.	13025/-
22	Stationery Items from ALAM STATIONERY, LUCKNOW.	4500/-
23	Stationery Items from ALAM STATIONERY, LUCKNOW.	5050/-
<b>TOTAL EXPENDITURES FOR THE FINANCIAL YEAR 2022-2023 i.e. APRIL 01, 2022- MARCH 31, 2023 TOWARDS THE MAJOR RESEARCH PROJECT BEARING SANCTION NO. 2021/MRP/05/LPES WITH LPES 'A' BLOCK, RAJAJIPURAM, LUCKNOW.</b>		<b>Rs. 201,485/-</b> <b>(Rs. Two Lac One Thousand Four Hundred Eighty Five Only)</b>

  
(Mr. Kamlesh Singh)  
Account Office

  
(Prof. L. S. Awasthi)  
Principal-Investigator

  
(Prof. Anil Singh)  
Principal

  
(Dr. S. P. Singh)  
General Manager

**For R. P. Verma & Co.**  
Chartered Accountants

  
(R. P. Verma)  
Proprietor





**Principal**  
Lucknow Public College of Professional Studies  
Vinamra Khand, Gomtinagar, Lucknow