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| GLA University (Track ID: UPUNGN11537) |
| INDEX 2020-21 |

3.2.3. Number of research projects per teacher funded by government and non-government agencies during the last five years

| Name of the Scheme / Project / Endowments / Chairs | Name of the Principal Investigator / Co Investigator | Name of the Funding Agency | Type (Government / Non-Government) | Year of Award | Funds Provided (INR in Lakhs) | Duration of the project (in Years) | Page No./ Hyper - link |
|--|--|--|------------------------------------|---------------|-------------------------------|------------------------------------|------------------------|
| Design of fractional order fuzzy PD controller for UAV | Prof. Vishal Goyal | Dysmech Competency Service Private Limited, Pune (MS) | Non Government | 2021 | 25 | 2 | 2 to 3 |
| | Dr. Aasheesh Shukla | | | | | | |
| IOT based curriculum achievement and training as per industrial requirement under choice based credit system | Prof. Ashish Sharma | Dysmech Competency Service Private Limited, Pune (MS) | Non Government | 2021 | 25 | 2 | 4 to 5 |
| | Dr. Shashi Shekhar | | | | | | |
| Design and Development of Small payload under water robotic vehicle and manipulator for survilance of reactor pool | Prof. Kamal Sharma | Dysmech Competency Service Private Limited, Pune (MS) | Non Government | 2021 | 25 | 2 | 6 to 7 |
| | Mr. Nitin Kukreja | | | | | | |
| Development of Control Strategies for energy management in electric vehicle | Prof. Vinay Kumar Deolia | MM Builders Engineers Contactors, Kosi Kalan, Mathura (UP-India) | Non Government | 2021 | 15 | 2 | 8 to 9 |
| | Dr. Sanjay Kumar Maurya | | | | | | |
| Sustainbale concrete design using waste materials | Mr. Mayank Nigam | MM Builders Engineers Contactors, Kosi Kalan, | Non Government | 2021 | 20 | 2 | 10 to 11 |
| | Mr. Ravi Kumar | | | | | | |
| Development and analysis of new adhesive material for building construction | Dr. Piyush Singhal | MM Builders Engineers Contactors, Kosi Kalan, Mathura (UP-India) | Non Government | 2021 | 15 | 2 | 12 to 13 |
| | Dr. Vikash Kumar Sharma | | | | | | |
| Cloud based online education environment | Prof. Diwakar Bhardwaj | Bada Business Pvt. Ltd. | Non Government | 2021 | 29.5 | 1 | 14 to 15 |
| | Dr. Ashish Sharma | | | | | | |
| Fingerprint Liveness Detection | Prof. Anand Singh Jalal | Mantra Softech (India) Pvt. Ltd. | Non Government | 2021 | 5 | 1 | 16 to 16 |
| | Dr. Rohit Agrawal | | | | | | |

25th April 2020.

Ref.No.DCS/2019-20/EC/P134

To,

The Registrar,

GLA University

17 km Stone, NH-2

Mathura Delhi Highway

PO Chaumuhan

Mathura (UP)

Dear Sir,

A meeting of our technical team is scheduled on 5th May, 2020, at 11:00 AM, in reference to your research proposal submitted by you. You are requested to ask the PI and Co-PI (Prof. Vishal Goyal and Dr. Aashish Shukla) to present the proposal "Design of Fractional Order Fuzzy PD Controller for UAV" for amount Rs.25.00 Lacs. online through Zoom in front of the technical team.

Thanking you,

For Dysmech Competency Services Private Limited



Authorized Signatory
uday.rao@dcsplm.com



+91 20 27 276939

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425, Pride Purple Square, Kalewadi Chowk,
Aundh Ravet Road, Wakad, Pune: 411057
Maharashtra, India



info@dcsplm.com
www.DYSMECH.com

12th March 2020.

Ref.No.DCS/2019-20/EC/P134

To,

The Registrar

GLA University
17 km Stone, NH-2
Mathura Delhi Highway
PO Chaumuhan
Mathura (UP)

Dear Sir,

In reference to your proposal "**Design of Fractional Order Fuzzy PD Controller for UAV**" submitted by you and thereafter online presentation on 5th May, 2020 to the technical team, we are pleased to inform you that the team has **approved your research proposal for Rs. 25.00 Lacs.** You may be apply for the fund as per your requirements.

Thanking you,

For Dysmech Competency Services Private Limited



Authorized Signatory
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+91 79722 67361



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25th January 2020

Ref.No. DCS/2019-20/CEA/P134A

To,

The Registrar,
GLA University
17 km Stone, NH-2
Mathura Delhi Highway
PO Chaumuhan
Mathura (UP)

Dear Sir,

A meeting of our technical team is scheduled on 10th Feb., 2020, 03:00 PM, in reference to your research project proposal submitted by you. You are requested to ask PI and Co-PI (Prof. Ashish Sharma and Dr. Shashi Shekhar) to present the proposal "IOT Based Curriculum Achievement and Training as per Industrial Requirement Under Choice Based Credit System" before the technical team on the said date and time.
Thanking you,

For Dysmech Competency Services Private Limited



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uday.rao@dcsplm.com



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12th March 2020.

Ref.No. DCS/2019-20/CEA/P134A

To,

The Registrar,
GLA University

17 km Stone, NH-2
Mathura Delhi Highway
PO Chaumuhan
Mathura (UP)

Dear Sir,

In reference to your project proposal "IoT Based Curriculum Achievement and Training as per Industrial Requirement Under Choice Based Credit System" submitted by you and thereafter presentation in front of the technical team, we are pleased to inform you that team has approved the project proposal for Rs. 25 Lacs. You may be apply for the fund as per your requirements.

Thanking you,

For Dysmech Competency Services Private Limited



Authorized Signatory
uday.rao@dcsplm.com



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12th March 2020.

Ref.No.DCS/2019-20/ME/P134B

To,

The Registrar,
GLA University
17 km Stone, NH-2
Mathura Delhi Highway
PO Chaumuhan
Mathura (UP)

Dear Sir,

A meeting of our technical team is scheduled on 30th May, 2020, 11:00 AM, in reference to your research proposal submitted by you. You are requested to ask the PI (Prof. Kamal Sharma) to present online presentation of the proposal "Design And Development Of Small Payload Underwater Robotic Vehicle & Manipulator For Surveillance Of Reactor Pool" for amount Rs.25.00 Lacs. before the technical team.

Thanking you,

For Dysmech Competency Services Private Limited



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10th June 2020.

DCS/2019-20/ME/P134B

To,

The Registrar,

GLA University

17 km Stone, NH-2

Mathura Delhi Highway

PO Chaumuhan

Mathura (UP)

Dear Sir,

Subject: Project Allocation

In reference to your research proposal "Design And Development Of Small Payload Underwater Robotic Vehicle & Manipulator For Surveillance Of Reactor Pool" submitted by you and thereafter online presentation on 30th May, 2020 before the technical team, we are pleased to inform you that the team has approved your research proposal for Rs. 25 Lacs. You may apply for the fund as per your requirements.

Thanking you,

For Dysmech Competency Services Private Limited



Authorized Signatory



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M. M. BUILDERS

ENGINEER'S CONTRACTOR'S

Agrasen Nagar, KOSI KALAN (Mathura)

Ref...MMB/PR/2020-21/EC/004

Date...11th Feb. 2020

To,
The Registrar,
GLA University
17 km Stone, NH-2
Mathura Delhi Highway
PO Chaumuhan
Mathura (UP)

Dear Sir,

We have found the research proposal "Development Of Control Strategies For Energy Management in Electric Vehicle" submitted by Prof. Vinay Kumar Deoliya, Professor, Department of Elect. and Comm. Engg. and Dr. Sanjay Kumar maurya, Associate Professor, Electrical Engineering for Rs. 15 Lacs.

In this reference we have called a meeting of our technical experts on 26th Feb., 2020 at 11:00 AM. You are requested to ask the Professors to present the research proposal in front of the experts on the specified date and time for further development.

Thanking you

Kamal Kishor Varshney
For, MM Builders
Authorized Signatory



M. M. BUILDERS

ENGINEER'S CONTRACTOR'S

Agrasen Nagar, KOSI KALAN (Mathura)

Ref...MMB/PR/2020-21/EC/004

Date...03, June 2020

To,
The Registrar,
GLA University
17 km Stone, NH-2
Mathura Delhi Highway
PO Chaumuhan
Mathura (UP)

Dear Sir,

Subject: **Project Allocation Letter**

In reference to the project proposal submitted by Prof. Vinay Kumar Deolia and Dr. Sanjay Maurya, we are pleased to inform you that the technical expert committee of the organization has sanctioned the project "**Development Of Control Strategies For Energy Management in Electric Vehicle**" for Rs. 15 Lacs.

Prof. Vinay Kumar Deolia shall be Principal investigator and Dr. Sanjay Maurya shall be Co-investigator

All the terms and conditions of the agreement given in the proposal shall apply to this project. The funds for this projects will be released as per the demand of teh PI and Co-PI.

Thanking you

Kamal Kishor Varshney
For, MM Builders
Authorized Signatory



M. M. BUILDERS

ENGINEER'S CONTRACTOR'S

Agrasen Nagar, KOSI KALAN (Mathura)

Ref. **MMB/PR/2020-21/EC/007**

Date. **8th Feb. 2020**

To,

Mr. Mayank Nigam/ Mr. Ravi Kumar
(Principal Investigator/ Co- Investigator)

GLA University

17 km Stone, NH-2

Mathura Delhi Highway

PO Chaumuhan

Mathura (UP)

Dear Sir(s),

We have found your research proposal "**Sustainable Concrete Design Using Waste Materials**" for Rs. 20 Lacs. In this reference we have called a meeting of our technical experts on 05th March, 2020.

You are requested to present your research proposal in front of the experts for further development.

Thanking you

Kamal Kishor Varshney

For, MM Builders

Authorized Signatory



M. M. BUILDERS

ENGINEER'S CONTRACTOR'S

Agrasen Nagar, KOSI KALAN (Mathura)

Ref. **MMB/PR/2020-21/EC/007**

Date. **05 June, 2020**

To,
Mr. Mayank Nigam/ Mr. Ravi Kumar
(Principal Investigator/ Co- Investigator)

GLA University

17 km Stone, NH-2
Mathura Delhi Highway
PO Chaumuhan
Mathura (UP)

Dear Sir(s),

Subject: **Project Allocation (Sustainable Concrete Design Using waste Materials)**

In reference to your research Proposal "**Sustainable Concrete Design Using Waste Materials**" project for Rs. 20 Lacs and thereafter presentation to our authorities, we are pleased to inform you that above proposal is sanction to develop within two years of allocation.

All the terms and conditions shall apply as per your proposal. The fund shall be released as per your demand.

Thanking you

Kamal Kishor Varshney
For, MM Builders
Authorized Signatory



M. M. BUILDERS

ENGINEER'S CONTRACTOR'S

Agrasen Nagar, KOSI KALAN (Mathura)

Ref. MMB/PR/2020-21/EC/010

Date 10th Jan 2020

To,
The Registrar,
GLA University
17 km Stone, NH-2
Mathura Delhi Highway
PO Chaumuhan
Mathura (UP)

Dear Sir,

We have found the research proposal "**Development and analysis of New Adhesive Material for Building Construction**" submitted by Prof. Piyush Singhal, Professor, Department of Mechanical Engineering and Dr. Vikash Kumar Sharma, Principal, University Polytechnic for Rs. 15 Lacs.

In this reference we have called a meeting of our technical experts on 28th Jan., 2020 at 11:00 AM. You are requested to ask the Professors to present the research proposal in front of the experts on the specified date and time for further development.

Thanking you

Kamal Kishor Varshney
For, MM Builders
Authorized Signatory



M. M. BUILDERS

ENGINEER'S CONTRACTOR'S

Agrasen Nagar, KOSI KALAN (Mathura)

Ref. MMB/PR/2020-21/EC/010

Date: 5 March 2020

To,
The Registrar,
GLA University
17 km Stone, NH-2
Mathura Delhi Highway
PO Chaumuhan
Mathura (UP)

Dear Sir,

Subject: Project Allocation Letter

In reference to the project proposal submitted by Prof. Piyush Singhal and Dr. Vikash Kumar Sharma, we are pleased to inform you that the technical expert committee of the organization has sanctioned the project "Development and analysis of New Adhesive Material for Building Construction" for Rs. 15 Lacs.

Prof. Piyush Singhal shall be Principal investigator and Dr. Vikash Kumar Sharma shall be Co-investigator

All the terms and conditions of the agreement given in the proposal shall apply to this project. The funds for this projects will be released as per the demand of teh PI and Co-PI.

Thanking you

Kamal Kishor Varshney
For, MM Builders
Authorized Signatory



Ref. No. BBPI/20-21/18

To,

Prof. Diwakar Bhardwaj / Dr. Ashish Sharma
(Principal Investigator) / (Co-investigator)

GLA University

17 km Stone, NH-2
Mathura Delhi Highway
PO Chaumuhan
Mathura (UP)

Dear Prof. Diwakar Bhardwaj / Dr. Ashish Sharma,

A meeting of our technical team is scheduled on 15 June 2020, 11:00 AM, in reference to your research proposal submitted by you. You are requested to present your research proposal "Cloud Based Online Education Environment" for amount Rs.29.5 Lacs. Infront of the technical team.

Thanking you,

For Bada Business Pvt. Ltd.

Yours Truly

Tushar Gupta

M: +91 9582073337

DGM & EA to CEO

Corporate office: Bada Business Private Limited

A-214, Okhla Industrial Area, Phase 1, New Delhi - 110020

Registered Office: D-6/8, Okhla Industrial Area,
Phase 2, New Delhi - 110020

Working Office: A - 214, Second Floor,
Okhla Industrial Area, Phase 1, New Delhi - 110020

Bada Business Pvt. Ltd

An Initiative By Dr. Vivek Bindra

+919810544443

info@badabusiness.com

Ref. No. BBPI/20-21/18

To,

Prof. Diwakar Bhardwaj / Dr. Ashish Sharma
(Principal Investigator) /(Co-investigator)

GLA University

17 km Stone, NH-2

Mathura Delhi Highway

PO Chaumuhan

Mathura (UP)

Dear Prof. Diwakar Bhardwaj / Dr. Ashish Sharma

Subject: **Project Approval Letter**

In reference to your research project proposal "**Cloud Based Online Education Environment**" dated **18th Jan. 2020** for amount **Rs.29.5 Lacs**, we are pleased to inform you that screening committee of our organisation has approved it as per the terms and conditions specified in your proposal. To meet the deadline of the project you are advised to report the performance of the work on monthly basis to the technical team of Bada Business Pvt. Ltd.

Thanking you

For Bada Business Pvt. Ltd.

Ashish Sharma

Yours Truly


Tushar Gupta


M: +91 9582073337

DGM & EA to CEO

Corporate office: Bada Business Private Limited

A-214, Okhla Industrial Area, Phase 1, New Delhi - 110020

 **Registered Office:** D-6/8, Okhla Industrial Area,
Phase 2, New Delhi - 110020

 **Working Office:** A - 214, Second Floor,
Okhla Industrial Area, Phase 1, New Delhi - 110020

GST No. : 07AAICB2409H1ZW

CIN No. : U74999DL2019PTC344975

Ref. No. MS/2020-21/PROJECT/IT/009

To,

The Registrar,

GLA University

Mathura (U.P.)

Subject: Project Approval entitled "Fingerprint Liveness Detection"

Dear Sir,

As per our agreement dated 05th February 2020 and the letter issued on 09th March 2020, we are pleased to allocate a project entitled "Fingerprint Liveness Detection" to Prof. Anand Singh Jalal (Principal Investigator) and Dr. Rohit Agrawal (Co-Investigator) at a total estimated cost of Rs. 5.0 lakh (Rupees Five Lakh only) .

We will provide the problem specification and the raw data related to this project. The Principal Investigator and Co-Investigator are required to provide a solution for the same.

All the terms and conditions of the agreement dated 5th February 2020 shall apply to this project. The expert(s) from Mantra Softech will periodically supervise and monitor the progress of the project.

Mantra Softech India Private Limited

Date 06-08-2020

For, Mantra Softech (I) Pvt. Ltd.
Director