

## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Abhijit Kumar


UPES-R&D is pleased to inform that your proposal 'Design of Triclustering Techniques for Information Extraction from Microarray and HIV Datasets', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 150000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 150000 /-

We wish you a great success in your research.

Thanks and Regards  
Dr. Jitendra Kumar Pandey  
Associate Dean –Research  
Energy Acres, UPES  
Dehradun-248007  
Email: [jkpandey@ddn.upes.ac.in](mailto:jkpandey@ddn.upes.ac.in)  
Phone: +91-7579216817 ( Ext. 1225)



\* Utilization of grant must follow organizational norms and regulations.



**CORPORATE OFFICE:** 210, 2<sup>nd</sup> Floor, Okhla Industrial Estate, Phase III, New Delhi - 110 020, INDIA, T +91 - 11 - 41730151-53, F +91 - 11 - 41730154

**CAMPUSES:**



**ENERGY ACRES:** Bidholi Via Prem Nagar, Dehradun - 248 007 (Uttarakhand), INDIA, T +91 - 135 - 2770137, 2776053/54/91, 2776201  
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**KNOWLEDGE ACRES:** Kandoli Via Prem Nagar, Dehradun - 248 007 (Uttarakhand), INDIA, T +91 - 8171979021/2/3, 7060111775

## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Alka Dwivedi

Dr. Neelu Ahuja

Dr. Ratna Banarjee

UPES-R&D is pleased to inform that your proposal 'A Study of Determinants and Impact of Digital Divide Among Students in Dehradun', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 80000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 80000 /-

We wish you a great success in your research.

Thanks and Regards

Dr. Jitendra Kumar Pandey


Associate Dean –Research

Energy Acres, UPES

Dehradun-248007

Email: [jkpandey@ddn.upes.ac.in](mailto:jkpandey@ddn.upes.ac.in)

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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Vindhya Devalla

Dr. Om Prakash

Dr. Amit Kumar Mondal

UPES-R&D is pleased to inform that your proposal 'Egomotion Estimation of 6 DOF Multirotor in GPS denied Environment', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 160000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 160000 /-

We wish you a great success in your research.

Thanks and Regards

Dr. Jitendra Kumar Pandey

Associate Dean –Research

Energy Acres, UPES

Dehradun-248007

Email: [jkpandey@ddn.upes.ac.in](mailto:jkpandey@ddn.upes.ac.in)

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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Amit Kumar Thakur  
Rahul Kumar  
Pranava Chaudhari

UPES-R&D is pleased to inform that your proposal '**Solubility enhancement of drugs by recrystallization using liquid antisolvent**', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 300000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 300000 /-

We wish you a great success in your research.

Thanks and Regards  
Dr. Jitendra Kumar Pandey  
Associate Dean –Research  
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Dehradun-248007  
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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Anirban Chowdhury

Ms. Richa Choudhary

UPES-R&D is pleased to inform that your proposal 'Design and Development of a System for Ease of Activities and Services of a Business Incubator: A Business Design Perspective', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 200000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 200000 /-

We wish you a great success in your research.

Thanks and Regards

Dr. Jitendra Kumar Pandey

Associate Dean –Research

Energy Acres, UPES

Dehradun-248007

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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr Annapurna Boruah  
Mr. Gaurav Siddharth


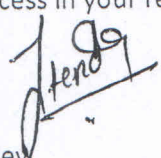
UPES-R&D is pleased to inform that your proposal 'Integrated surface geochemical studies for identification of hydrocarbon prospect in gohpur and nearby area, sonitpur district, Assam', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 150000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

**\* Total Approved budget: INR 150000 /-**

We wish you a great success in your research.

Thanks and Regards  
Dr. Jitendra Kumar Pandey  
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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Ashish Karn  
Dr. Abhay Kumar

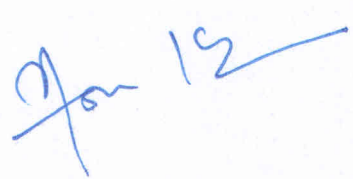
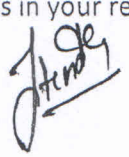
UPES-R&D is pleased to inform that your proposal 'Novel Strategies to induce bubble coalescence for industrial and naval applications', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 240000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 240000 /-

We wish you a great success in your research.

Thanks and Regards  
Dr. Jitendra Kumar Pandey  
Associate Dean –Research  
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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Devkant Kala  
Dr. Sunil Barthwal

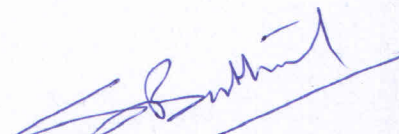
UPES-R&D is pleased to inform that your proposal 'Assessing the Impact of Food Experience and Restaurant Services on Tourist Satisfaction in Rishikesh- Badrinath Yatra Highway', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 78000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 78000 /-

We wish you a great success in your research.

Thanks and Regards  
Dr. Jitendra Kumar Pandey  
Associate Dean –Research  
Energy Acres, UPES  
Dehradun-248007  
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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Hitesh Kumar  
Mr. Anil Kumar


UPES-R&D is pleased to inform that your proposal 'Digital Cancer Diagnosis with Counts of Adenoma and Luminal cells in Plemorphic Adenoma Immunostained in Healthcare System', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 50000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 50000 /-.

We wish you a great success in your research.

Thanks and Regards  
Dr. Jitendra Kumar Pandey  
Associate Dean –Research  
Energy Acres, UPES  
Dehradun-248007  
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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Jagdish Chandra Patni

Dr. Amit Agarwal

Mr. Ravi Tomar

UPES-R&D is pleased to inform that your proposal 'Mobile App Based Intelligent Irrigation System Using Smart Sprinklers.' , submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 230000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 230000 /-

We wish you a great success in your research.

Thanks and Regards

Dr. Jitendra Kumar Pandey

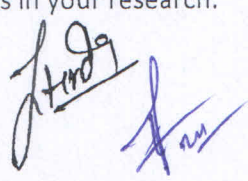
Associate Dean –Research

Energy Acres, UPES

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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Kanak Pal Singh Parmar  
Dr. Piyush Kuchhal

UPES-R&D is pleased to inform that your proposal 'Effect of particle morphology on efficiency of Dye Sensitized Solar Cell (DSSC)', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 240000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 240000 /-

We wish you a great success in your research.

Thanks and Regards  
Dr. Jitendra Kumar Pandey  
Associate Dean –Research  
Energy Acres, UPES  
Dehradun-248007  
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## **Sanction Letter of SEED Grant from UPES**

Date: 03-10-2017

Dear,

Dr. K. Raghavan,

UPES-R&D is pleased to inform that your proposal '**Plug-Flow bag digesters for Biogas from food wastes**', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of **INR 493500**.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: **INR 493500**

We wish you a great success in your research.

Thanks and Regards

Dr. Jitendra Kumar Pandey

VP, Research & Development

University of Petroleum and Energy

Studies Energy Acres, UPES

Dehradun-248007

\* Utilization of grant must follow organizational norms and regulations.



## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Ms. Lunu Saikia

UPES-R&D is pleased to inform that your proposal 'Develop mould filling process for FRP with the help of VARTM/RTM technique and the vibration analysis of the composite structure.', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 250000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 250000 /-

We wish you a great success in your research.

Thanks and Regards

Dr. Jitendra Kumar Pandey

Associate Dean –Research

Energy Acres, UPES


Dehradun-248007

Email: [jkpandey@ddn.upes.ac.in](mailto:jkpandey@ddn.upes.ac.in)


Phone: +91-7579216817 ( Ext. 1225)


*Lunu Saikia*  
24/04/2018

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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Mukul Kumar Gupta

Dr. Piyush Chauhan

Ms. Varnita Verma

UPES-R&D is pleased to inform that your proposal '**Design and Analysis of robotic system for minimal invasive surgery**', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 200000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 200000 /-

We wish you a great success in your research.

Thanks and Regards

Dr. Jitendra Kumar Pandey

Associate Dean –Research

Energy Acres, UPES

Dehradun-248007

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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Piyush Chauhan

Mr. Anil Kumar

Ms. Poonam Kainthura

UPES-R&D is pleased to inform that your proposal '**Decentralized voting System**', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 60000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 60000 /-

We wish you a great success in your research.

Thanks and Regards

Dr. Jitendra Kumar Pandey

Associate Dean –Research

Energy Acres, UPES

Dehradun-248007

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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Priyanka Sharma Khanduja

Ms. Dharmita Prasad

Ms. Manisha Solanki

UPES-R&D is pleased to inform that your proposal 'Development of Blended Module for Critical thinking Skills for law Graduate Programs', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 150000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 150000 /-

We wish you a great success in your research.

Thanks and Regards

Dr. Jitendra Kumar Pandey

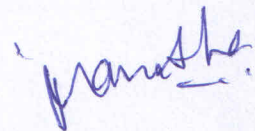
Associate Dean –Research

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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. R. Gowri

Dr. Abhinav Sharma

Dr. Md. Salauddin

UPES-R&D is pleased to inform that your proposal 'Design and implementation of Smart Antenna System using FPGA', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 200000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 200000 /-

We wish you a great success in your research.

Thanks and Regards

Dr. Jitendra Kumar Pandey

Associate Dean –Research

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*Barbell*  
*15/4/18*

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**CAMPUSES:**



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**KNOWLEDGE ACRES:** Kandoli Via Prem Nagar, Dehradun - 248 007 (Uttarakhand), INDIA, T +91 - 8171979021/2/3, 7060111775

## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Rajesh Yadav

Ms. Aslesha Bodavula

UPES-R&D is pleased to inform that your proposal 'Effect of Surface protrusions and cavities on Airfoil Aerodynamic Efficiency at low Reynolds Number', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 200000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 200000 /-

We wish you a great success in your research.

Thanks and Regards

Dr. Jitendra Kumar Pandey

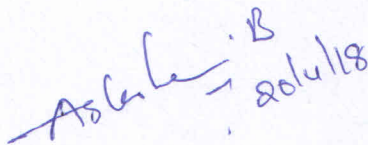
Associate Dean –Research

Energy Acres, UPES



Dehradun-248007

Email: [jkpandey@ddn.upes.ac.in](mailto:jkpandey@ddn.upes.ac.in)

Phone: +91-7579216817 ( Ext. 1225)

 20/3/18

\* Utilization of grant must follow organizational norms and regulations.

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## **Sanction Letter of SEED Grant from UPES**

Date: 13-11-2017

Dear,

Mr. U Rajanikanth,  
Mr. T Dharani Kumar,  
Ms. Amber Hayat,  
Mr. Amithav Choudhary,  
Mr. Keshav Kaushik

UPES-R&D is pleased to inform that your proposal '**Real time monitoring and alerting of waterbodies: Land dynamics and water quality**', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of **INR 330000**.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: **INR 330000**

We wish you a great success in your research.

Thanks and Regards  
Dr. Jitendra Kumar Pandey  
VP, Research & Development  
University of Petroleum and Energy  
Studies Energy Acres, UPES  
Dehradun-248007

\* Utilization of grant must follow organizational norms and regulations.

## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

V Senthilkumar  
Dr. Venkat Chintala  
Dr. Pankaj Kumar Sharma

UPES-R&D is pleased to inform that your proposal '**Experimental and CFD analysis of combustion and emission characteristics of producer gas engine**', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 170000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 170000 /-

We wish you a great success in your research.

Thanks and Regards  
Dr. Jitendra Kumar Pandey  
Associate Dean –Research  
Energy Acres, UPES  
Dehradun-248007  
Email: [jkpandey@ddn.upes.ac.in](mailto:jkpandey@ddn.upes.ac.in)  
Phone: +91-7579216817 ( Ext. 1225)

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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Sheetal Khanka

Dr. Teena Saharan

UPES-R&D is pleased to inform that your proposal 'Future of workforce and HR Automation in Infrastructure & Energy Sector Organizations of India', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 143000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 143000 /-

We wish you a great success in your research.

Thanks and Regards

Dr. Jitendra Kumar Pandey

Associate Dean –Research

Energy Acres, UPES

Dehradun-248007

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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Shyam Pandey  
Dr. P S Ranjit  
Dr. V. Chintala  
Mr. Swapnil Bhurat


UPES-R&D is pleased to inform that your proposal 'Development of pre-mixed charge compression ignition engine(PCCI) operating on variable compression ratio with vaporized diesel', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 210000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 210000 /-

We wish you a great success in your research.

Thanks and Regards  
Dr. Jitendra Kumar Pandey  
Associate Dean –Research  
Energy Acres, UPES  
Dehradun-248007  
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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Mr. Sri Ragunath V

Dr. Ashish Karn

UPES-R&D is pleased to inform that your proposal 'In-situ Monitoring of Industrial Bubbly flows and Bubble Size Control by Continuous Feedback System', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 315000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 315000 /-

We wish you a great success in your research.

Thanks and Regards

Dr. Jitendra Kumar Pandey

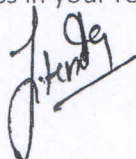
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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Sushil Kumar Rai

Dr. Bhartendu Chaturvedi

UPES-R&D is pleased to inform that your proposal 'Socio-economic impacts of tourism sector in Uttarakhand : A study based on Dehradun and Nanital District', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 170000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 170000 /-

We wish you a great success in your research.

Thanks and Regards

Dr. Jitendra Kumar Pandey

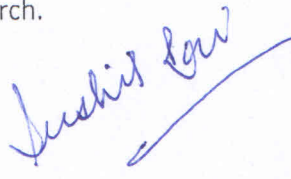
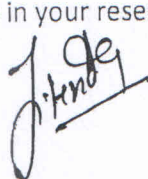
Associate Dean –Research

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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. V. Chintala  
Dr. Ashish Karn

UPES-R&D is pleased to inform that your proposal 'Conversion of waste sewage sludge to wealth via hydrolysis/methanogenesis and pyrolysis', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 362000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 362000 /-

We wish you a great success in your research.

Thanks and Regards

Dr. Jitendra Kumar Pandey

Associate Dean –Research

Energy Acres, UPES

Dehradun-248007

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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Velidi V S S Gurunadh  
Dr. Rajesh Yadav

UPES-R&D is pleased to inform that your proposal 'Experimental and Numerical Study on Combustion Characteristics of Micro Combustor With A Bluff Body Flame Stabilization', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 20000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 20000 /-.

We wish you a great success in your research.

Thanks and Regards

Dr. Jitendra Kumar Pandey

Associate Dean –Research

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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. P Vijay  
Mr. Debajyoti Bose  
Dr. M Gopinath

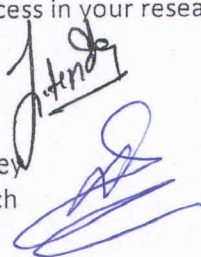
UPES-R&D is pleased to inform that your proposal 'Development of Novel Indigenous Cathode for Bioelectricity production using two chambered Microbial Fuel Cell (MFC) Reactor', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 255000 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.


\* Total Approved budget: INR 255000 /-

We wish you a great success in your research.


Thanks and Regards  
Dr. Jitendra Kumar Pandey  
Associate Dean –Research  
Energy Acres, UPES  
Dehradun-248007  
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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Vindhya Devalla  
Dr. Om Prakash  
Dr. Amit Kumar Mondal

UPES-R&D is pleased to inform that your proposal 'Mobile Adaptable Platform for Unmanned Aerial Vehicles', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 150000 / -.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 150000 / -

We wish you a great success in your research.

Thanks and Regards  
Dr. Jitendra Kumar Pandey  
Associate Dean -Research  
Energy Acres, UPES  
Dehradun-248007  
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## Sanction Letter of SEED Grant from UPES

Date: 22/3/2018

Dear,

Dr. Vivek Kaundal  
Mr. Mukesh Chandra Kestwal  
Dr. Amit Kumar Mondal  
Dr. Adesh Kumar  
Dr. Rupendra Kr. Pachaur

UPES-R&D is pleased to inform that your proposal '**Design and development of device for the measurement of rain attenuation**', submitted under the UPES-SEED Grant program, has been recommended by the Committee for support of INR 170500 /-.

We hope that based on initial findings on above mentioned project, you and your team shall be submitting the research proposal for extramural grants.

\* Total Approved budget: INR 170500 /-

We wish you a great success in your research.

Thanks and Regards  
Dr. Jitendra Kumar Pandey  
Associate Dean –Research  
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