



Unbounder)

Ref No: Dean(R)/SMG/20-21/005

Date:1/9/2020

To,

Dr. Ram Singh Dept of Commerce & Finance Quantum University, Roorkee

Sub: Sanction of Project "A Method For Managing And Analysis Of Data In Smart Buildings" under "Seed Money Grant" Scheme

Dear Dr. Ram Singh,

It is to inform that your project "A Method For Managing And Analysis Of Data In Smart Buildings" Submitted to Dean (Research) has been approved by the University Research & Advisory Board (URAB) under "Seed Money Grant" Scheme with the following details:

Name & Department of PI	Name of Co- PI (If Any)	Funding Components	Project Duration
Dr. Ram Singh, Dept of Commerce & Finance		Research expenses in developing the system = Rs. 78000 Data Management & Report Preparation / Charges of Analysis of Data= Rs. 6000 Testing of Smart Bulding suystem= Rs. 6000 Patentability Search= Rs. 9000	01 Year
		Cost for Proposal submission to External Agencies & Publication / Fee of Attorney= Rs. 10000 Contingency Charges= Rs. 6000	
	A	Total Amount= Rs. 115000	3

- PI and Co-PI are expected to carry out research, File patent, Publish Papers, and guide young faculty & research scholars.
- 2. PI must timely submit the half yearly progress report and completion report to Dean (Research) along with utilization certificate (UC) duly signed by the finance officer of the university.
- PI should prepare an elaborate project report proposal, as a logical extension of the seed fund activities, supported by present initiatives and submit the proposal to national/international funding agencies.
- 4. PI should also organize interactive meeting with academia and industries, and establish collaboration (s) for multidisciplinary research.
- Any equipment purchased under this project should be optimally utilized and be made available to faculty and research scholar of the university. The same would be the property of respective Department/School.

Copy to:

Office of the Vice Chancellor







Unbounder

Ref No: Dean(R)/SMG/20-21/007

Date:1/9/2020

To,

Dr. Amit Dixit
Dept of Computer Sciences & Engineering
Quantum University, Roorkee

Sub: Sanction of Project "Advanced Electric Racket/Flap/Bat For Mosquito" under "Seed Money Grant" Scheme

Dear Dr. Amit Dixit,

It is to inform that your project "Advanced Electric Racket/Flap/Bat For Mosquito" Submitted to Dean (Research) has been approved by the University Research & Advisory Board (URAB) under "Seed Money Grant" Scheme with the following details:

Name & Department of PI	Name of Co- PI (If Any)	Funding Components	Project Duration
Dr. Amit Dixit, Dept of Computer Sciences & Engineering	Mr. Mukesh Kumar	Research Expenses on materials = Rs. 25150 Testing of Equipment charges= Rs. 45450 Data Management & Report Preparation / Charges of Analysis of Data= Rs. 20200 Travel & Administrative Expenses= Rs. 20200	01 Year
	The state of the s	Patentability Search= Rs. 25300 Cost for Proposal submission to External Agencies & Publication / Fee of Attorney= Rs. 25000 Contingency Charges= Rs. 20200 Total Amount= Rs. 181500	1

- 1. Pl and Co-Pl are expected to carry out research, File patent, Publish Papers, and guide young faculty & research scholars.
- 2. PI must timely submit the half yearly progress report and completion report to Dean (Research) along with utilization certificate (UC) duly signed by the finance officer of the university.
- PI should prepare an elaborate project report proposal, as a logical extension of the seed fund activities, supported by present initiatives and submit the proposal to national/international funding agencies.
- 4. PI should also organize interactive meeting with academia and industries, and establish collaboration (s) for multidisciplinary research.
- Any equipment purchased under this project should be optimally utilized and be made available to faculty and research scholar of the university. The same would be the property of respective Department/School.

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Ref No: Dean(R)/SMG/20-21/008

Date:1/9/2020

To,

Dr. Vivek Kumar Dept of Computer Sciences & Engineering Quantum University, Roorkee

Sub: Sanction of Project "An Oral Tablet Composition Comprising Active Pharmaceutical Ingredients Suitable For The Treatment Of Autophagy Modulation-Associated Diseases" under "Seed Money Grant" Scheme

Dear Dr. Vivek Kumar,

It is to inform that your project "An Oral Tablet Composition Comprising Active Pharmaceutical Ingredients Suitable For The Treatment Of Autophagy Modulation-Associated Diseases" Submitted to Dean (Research) has been approved by the University Research & Advisory Board (URAB) under "Seed Money Grant" Scheme with the following details:

Name & Department of PI	Name of Co- PI (If Any)	Funding Components	Project Duration
Dr. Vivek Kumar, Dept of Computer Sciences & Engineering	Dr. Praveen Kumar	Laboratory consumables/consumables/ Research Expenses = Rs. 33250 Purchase of minor equipment = Rs. 79750 Data Management & Report Preparation / Charges of Analysis of Data = Rs. 16000 Testing of drug = Rs. 16000 Patentability Search = Rs. 19000	01 Year
		Cost for Proposal submission to External Agencies & Publication / Fee of Attorney= Rs. 10000 Contingency Charges= Rs. 16000 Total Amount= Rs. 190000	1

University

- 1. PI and Co-PI are expected to carry out research, File patent, Publish Papers, and guide young faculty & research scholars.
- 2. PI must timely submit the half yearly progress report and completion report to Dean (Research) along with utilization certificate (UC) duly signed by the finance officer of the university.
- PI should prepare an elaborate project report proposal, as a logical extension of the seed fund activities, supported by present initiatives and submit the proposal to national/international funding agencies.
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- Any equipment purchased under this project should be optimally utilized and be made available to faculty and research scholar of the university. The same would be the property of respective Department/School.

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Office of the Registrar

Dean (Research)





Unbounder

Ref No: Dean(R)/SMG/20-21/009

Date:1/9/2020

To,

Dr. Chandani Sharma
Dept of Computer Sciences & Engineering
Quantum University, Roorkee

Sub: Sanction of Project "Artificial Intelligence And Machine Learning: The Way To Next Generation" under "Seed Money Grant" Scheme

Dear Dr. Chandani Sharma,

It is to inform that your project "Artificial Intelligence And Machine Learning: The Way To Next Generation" Submitted to Dean (Research) has been approved by the University Research & Advisory Board (URAB) under "Seed Money Grant" Scheme with the following details:

Name & Department of PI	Name of Co- PI (If Any)	Funding Components	Project Duration
Dr. Chandani Sharma, Dept of Computer Sciences & Engineering	Shalini	Research Expenses on new hard disk and UPS = Rs. 28000 Purchase of Al Softwares= Rs. 66000 Data Management & Report Preparation / Charges of Analysis of Data= Rs. 6000 Patentability Search= Rs. 9000 Cost for Proposal submission to External Agencies & Publication / Fee of Attorney= Rs. 10000 Contingency Charges= Rs. 6000 Total Amount= Rs. 125000	01 Year

- PI and Co-PI are expected to carry out research, File patent, Publish Papers, and guide young faculty & research scholars.
- 2. PI must timely submit the half yearly progress report and completion report to Dean (Research) along with utilization certificate (UC) duly signed by the finance officer of the university.
- PI should prepare an elaborate project report proposal, as a logical extension of the seed fund activities, supported by present initiatives and submit the proposal to national/international funding agencies.
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- Any equipment purchased under this project should be optimally utilized and be made available
 to faculty and research scholar of the university. The same would be the property of respective
 Department/School.

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Dean (Research)





Unbounder

Ref No: Dean(R)/SMG/20-21/010

Date:1/9/2020

To,

Mr. Vishal Vig Dept of Computer Sciences & Engineering Quantum University, Roorkee

Sub: Sanction of Project "Authenticating The User To Access Secure Application Through The Face

Image Processed In Cloud Server" under "Seed Money Grant" Scheme

Dear Mr. Vishal Vig,

It is to inform that your project "Authenticating The User To Access Secure Application Through The Face Image Processed In Cloud Server" Submitted to Dean (Research) has been approved by the University Research & Advisory Board (URAB) under "Seed Money Grant" Scheme with the following details:

Name & Department of PI	Name of Co- PI (If Any)	Funding Components	Project Duration
Mr. Vishal Vig, Dept of Computer Sciences & Engineering	Dr. Satendra Kumar	Research Expenses = Rs. 40750 Purchase of minor equipment (Hardware/Software)= Rs. 122250	01 Year
		Data Management & Report Preparation / Charges of Analysis of Data= Rs. 6000 Patentability Search= Rs. 9000	
		Cost for Proposal submission to External Agencies & Publication / Fee of Attorney= Rs. 10000	1
	al cos	Contingency Charges= Rs. 12000 Total Amount= Rs. 200000	

- 1. PI and Co-PI are expected to carry out research, File patent, Publish Papers, and guide young faculty & research scholars.
- 2. PI must timely submit the half yearly progress report and completion report to Dean (Research) along with utilization certificate (UC) duly signed by the finance officer of the university.
- PI should prepare an elaborate project report proposal, as a logical extension of the seed fund activities, supported by present initiatives and submit the proposal to national/international funding agencies.
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- Any equipment purchased under this project should be optimally utilized and be made available to faculty and research scholar of the university. The same would be the property of respective Department/School.

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Dean (Research)





Unbound!

Ref No: Dean(R)/SMG/20-21/011

Date: 1/9/2020

To,

Dr. Chandani Sharma Dept of Computer Sciences & Engineering Quantum University, Roorkee

Sub: Sanction of Project "Cost Analysis Of Solar-Wind Based Hybrid Renewable Energy System" under "Seed Money Grant" Scheme

Dear Dr. Chandani Sharma,

It is to inform that your project "Cost Analysis Of Solar-Wind Based Hybrid Renewable Energy System" Submitted to Dean (Research) has been approved by the University Research & Advisory Board (URAB) under "Seed Money Grant" Scheme with the following details:

Name & Department of PI	Name of Co- PI (If Any)	Funding Components	Project Duration
Dr. Chandani Sharma, Dept of Computer Sciences & Engineering		Survey expenses= Rs. 69750 Data Management & Report Preparation / Charges of Analysis of Data= Rs. 6000 Travel & Administrative Expenses= Rs. 29250 Patentability Search= Rs. 9000 Cost for Proposal submission to External Agencies & Publication / Fee of Attorney= Rs. 10000 Contingency Charges= Rs. 6000 Total Amount= Rs. 130000	01 Year

- PI and Co-PI are expected to carry out research, File patent, Publish Papers, and guide young faculty & research scholars.
- 2. PI must timely submit the half yearly progress report and completion report to Dean (Research) along with utilization certificate (UC) duly signed by the finance officer of the university.
- PI should prepare an elaborate project report proposal, as a logical extension of the seed fund activities, supported by present initiatives and submit the proposal to national/international funding agencies.
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- Any equipment purchased under this project should be optimally utilized and be made available to faculty and research scholar of the university. The same would be the property of respective Department/School.

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Ref No: Dean(R)/SMG/20-21/012

Date:1/9/2020

To,

Dr. Kamlesh Singh Dept of Mechanical Engineering Quantum University, Roorkee

Sub: Sanction of Project "Design A Holder For Use In A Pressure-Brewing Coffee Drink In A Coffee Machine For Preparing Coffee" under "Seed Money Grant" Scheme

Dear Dr. Kamlesh Singh,

It is to inform that your project "Design A Holder For Use In A Pressure-Brewing Coffee Drink In A Coffee Machine For Preparing Coffee" Submitted to Dean (Research) has been approved by the University Research & Advisory Board (URAB) under "Seed Money Grant" Scheme with the following details:

Name & Department of PI	Name of Co- PI (If Any)	Funding Components	Project Duration
Dr. Kamlesh Singh, Dept of Mechanical Engineering		Research Expenses = Rs. 19750 Purchase of minor equipment =	01 Year
		Rs. 59250 Data Management & Report Preparation / Charges of Analysis of Data= Rs. 6000	
		Patentability Search= Rs. 9000 Cost for Proposal submission to External Agencies & Publication / Fee of Attorney= Rs. 10000	
		Contingency Charges= Rs. 12000 Total Amount= Rs. 116000	3

University

- PI and Co-PI are expected to carry out research, File patent, Publish Papers, and guide young faculty & research scholars.
- PI must timely submit the half yearly progress report and completion report to Dean (Research)
 along with utilization certificate (UC) duly signed by the finance officer of the university.
- PI should prepare an elaborate project report proposal, as a logical extension of the seed fund activities, supported by present initiatives and submit the proposal to national/international funding agencies.
- 4. PI should also organize interactive meeting with academia and industries, and establish collaboration (s) for multidisciplinary research.
- Any equipment purchased under this project should be optimally utilized and be made available
 to faculty and research scholar of the university. The same would be the property of respective
 Department/School.

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Dean (Research)





Unbounder

Ref No: Dean(R)/SMG/20-21/013

Date:1/9/2020

To,

Dr. Amit Dixit
Dept of Computer Sciences & Engineering
Quantum University, Roorkee

Sub: Sanction of Project "Design An Advance Automatic Guided Ship While Entering Harbour Or While Docking Of Ship In Harbor" under "Seed Money Grant" Scheme

Dear Dr. Amit Dixit,

It is to inform that your project "Design An Advance Automatic Guided Ship While Entering Harbour Or While Docking Of Ship In Harbor" Submitted to Dean (Research) has been approved by the University Research & Advisory Board (URAB) under "Seed Money Grant" Scheme with the following details:

Name & Department of PI	Name of Co- PI (If Any)	Funding Components	Project Duration
Dr. Amit Dixit, Dept of Computer Sciences & Engineering	Dr. Kamlesh Singh	Research Expenses = Rs. 14900 Purchase of Software = Rs. 44700 Data Management & Report Preparation / Charges of Analysis of Data = Rs. 10200 Testing of Equipment charges = Rs. 10200 Patentability Search = Rs. 15300	01 Year
	Research Control of the Control of t	Cost for Proposal submission to External Agencies & Publication / Fee of Attorney= Rs. 10000 Contingency Charges= Rs. 10200 Total Amount= Rs. 115500	,

- 1. Pl and Co-Pl are expected to carry out research, File patent, Publish Papers, and guide young faculty & research scholars.
- 2. PI must timely submit the half yearly progress report and completion report to Dean (Research) along with utilization certificate (UC) duly signed by the finance officer of the university.
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Unbound?

Ref No: Dean(R)/SMG/20-21/014

Date:1/9/2020

To,

Dr. Praveen Kumar Dept of Pharmacy Quantum University, Roorkee

Sub: Sanction of Project "Developed A Validated Analytical Procedure For Estimation Of Ondansetron By Uv-Spectroscopy As Api And In Tablets" under "Seed Money Grant" Scheme

Dear Dr. Praveen Kumar,

It is to inform that your project "Developed A Validated Analytical Procedure For Estimation Of Ondansetron By Uv-Spectroscopy As Api And In Tablets" Submitted to Dean (Research) has been approved by the University Research & Advisory Board (URAB) under "Seed Money Grant" Scheme with the following details:

Name & Department of PI	Name of Co- PI (If Any)	Funding Components	Project Duration
Dr. Praveen Kumar, Dept of Pharmacy		Research Expenses = Rs. 24500 Purchase of UV Spectrometer = Rs.60500 Data Management & Report Preparation / Charges of Analysis of Data = Rs. 6000 Testing of Equipment charges = Rs. 19000	01 Year
	No Sept Co	Patentability Search= Rs. 9000 Cost for Proposal submission to External Agencies & Publication / Fee of Attorney= Rs. 10000 Contingency Charges= Rs. 6000 Total Amount= Rs. 135000	g

- PI and Co-PI are expected to carry out research, File patent, Publish Papers, and guide young faculty & research scholars.
- PI must timely submit the half yearly progress report and completion report to Dean (Research)
 along with utilization certificate (UC) duly signed by the finance officer of the university.
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Ref No: Dean(R)/SMG/20-21/015

Date:1/9/2020

To,

Dr. Uday Khanna Dept of Media Studies Quantum University, Roorkee

Sub: Sanction of Project "Digital Learning Ecosystem At Indian Higher Education System" under "Seed Money Grant" Scheme

Dear Dr. Uday Khanna,

It is to inform that your project "Digital Learning Ecosystem At Indian Higher Education System" Submitted to Dean (Research) has been approved by the University Research & Advisory Board (URAB) under "Seed Money Grant" Scheme with the following details:

Name & Department of PI	Name of Co- PI (If Any)	Funding Components	Project Duration
Dr. Uday Khanna, Dept of Media Studies		Research Expenses = Rs. 19250 Purchase of high configuration desktop = Rs. 57750 Data Management & Report Preparation / Charges of Analysis of Data = Rs. 6000 Patentability Search = Rs. 9000 Cost for Proposal submission to External Agencies & Publication / Fee of Attorney = Rs. 10000 Contingency Charges = Rs. 12000 Total Amount = Rs. 114000	01 Year

- PI and Co-PI are expected to carry out research, File patent, Publish Papers, and guide young faculty & research scholars.
- 2. PI must timely submit the half yearly progress report and completion report to Dean (Research) along with utilization certificate (UC) duly signed by the finance officer of the university.
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- Any equipment purchased under this project should be optimally utilized and be made available to faculty and research scholar of the university. The same would be the property of respective Department/School.

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Ref No: Dean(R)/SMG/20-21/016

Date:1/9/2020

To,

Mr. Rishi Kumar Sharma
Dept of Computer Sciences & Engineering
Quantum University, Roorkee

Sub: Sanction of Project "Dynamic Power Management And Mobile Platform Policy Enhancement For

User-Activity Based Network Environment" under "Seed Money Grant" Scheme

Dear Mr. Rishi Kumar Sharma,

It is to inform that your project "Dynamic Power Management And Mobile Platform Policy Enhancement ForUser-Activity Based Network Environment" Submitted to Dean (Research) has been approved by the University Research & Advisory Board (URAB) under "Seed Money Grant" Scheme with the following details:

Name & Department of PI	Name of Co- PI (If Any)	Funding Components	Project Duration
Mr. Rishi Kumar Sharma, Dept of Computer Sciences & Engineering		Survey expenses = Rs. 62000 Purchase of sofware = Rs. 26000 Data Management & Report Preparation / Charges of Analysis of Data = Rs. 6000 Travel & Administrative Expenses = Rs. 6000	01 Year
		Patentability Search= Rs. 9000 Cost for Proposal submission to External Agencies & Publication / Fee of Attorney= Rs. 10000 Contingency Charges= Rs. 6000 Total Amount= Rs. 125000	ā

- PI and Co-PI are expected to carry out research, File patent, Publish Papers, and guide young faculty & research scholars.
- 2. PI must timely submit the half yearly progress report and completion report to Dean (Research) along with utilization certificate (UC) duly signed by the finance officer of the university.
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 Department/School.

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Ref No: Dean(R)/SMG/20-21/017

Date: 1/9/2020

To,

Mr. Arvind Malik Dept of Agricultural Studies Quantum University, Roorkee

Sub: Sanction of Project "Evaluation Of Indigenous Plant Extracts With Cow Urine Against Rice Stem Borer And Rice Leaf Folder In Basmati Rice" under "Seed Money Grant" Scheme

Dear Mr. Arvind Malik,

It is to inform that your project "Evaluation Of Indigenous Plant Extracts With Cow Urine Against Rice Stem Borer And Rice Leaf Folder In Basmati Rice" Submitted to Dean (Research) has been approved by the University Research & Advisory Board (URAB) under "Seed Money Grant" Scheme with the following details:

Name & Department of PI	Name of Co- PI (If Any)	Funding Components	Project Duration
Mr. Arvind Malik, Dept of Agricultural Studies	Dr. Avinash Varma	Research Expenses cow urine, sticker, and other matreials required for preparation of organic insecticides= Rs. 24500 Purchase of basmati rice seeds,	01 Year
		cultivation cost, labour cost, water cost and others = Rs. 50000, Data Management & Report Preparation / Charges of Analysis of Data= Rs. 1600, Travel & Administrative	
		Expenses= Rs. 15000 Patentability Search= Rs. 10000	
		Cost for Proposal submission to External Agencies & Publication / Fee of Attorney= Rs. 10000	,
	1895 Var	Contingency Charges= Rs. 10000	
		Total Amount= Rs. 135000	

 PI and Co-PI are expected to carry out research, File patent, Publish Papers, and guide young faculty & research scholars.

2. PI must timely submit the half yearly progress report and completion report to Dean (Research) along with utilization certificate (UC) duly signed by the finance officer of the university.

 PI should prepare an elaborate project report proposal, as a logical extension of the seed fund activities, supported by present initiatives and submit the proposal to national/international funding agencies.

 PI should also organize interactive meeting with academia and industries, and establish collaboration (s) for multidisciplinary research.

Any equipment purchased under this project should be optimally utilized and be made available to faculty and research scholar of the university. The same would be the property of respective Department/School.

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Ref No: Dean(R)/SMG/20-21/018

Date:1/9/2020

To,

Mr. Chirag Malik Dept of Sciences Quantum University, Roorkee

Sub: Sanction of Project "Iot-Based Automatic Railway Gate Controller" under "Seed Money Grant" Scheme

Dear Mr. Chirag Malik,

It is to inform that your project "**Iot-Based Automatic Railway Gate Controller**" Submitted to Dean (Research) has been approved by the University Research & Advisory Board (URAB) under "Seed Money Grant" Scheme with the following details:

Name & Department of PI	Name of Co- PI (If Any)	Funding Components	Project Duration
Mr. Chirag Malik , Dept of Sciences	Dr. Chiranjit Maji	Research Expenses = Rs. 32000	01 Year
		Purchase of Software) = Rs. 76000	
		Data Management & Report Preparation / Charges of Analysis of Data= Rs. 16000	
		Testing of Equipment charges= Rs. 16000	
		Patentability Search= Rs. 19000	
	. = 7	Cost for Proposal submission to External Agencies & Publication / Fee of Attorney= Rs. 10000	
		Contingency Charges= Rs. 16000	,
	A L	Total Amount= Rs. 185000	

University

- PI and Co-PI are expected to carry out research, File patent, Publish Papers, and guide young faculty & research scholars.
- PI must timely submit the half yearly progress report and completion report to Dean (Research)
 along with utilization certificate (UC) duly signed by the finance officer of the university.
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 to faculty and research scholar of the university. The same would be the property of respective
 Department/School.

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Dean (Research)





Unbound

Ref No: Dean(R)/SMG/20-21/019

Date:1/9/2020

To,

Dr. Avinash Varma Dept of Agricultural Studies Quantum University, Roorkee

Sub: Sanction of Project "Population Dynamics Of Brown Plant Hopper, Nilaparvata Lugens (Stal.) In Basmati Rice And Its Correlation With Abiotic Factors In Western Plain Zone Of Uttar Pradesh" under "Seed Money Grant" Scheme

Dear Dr. Avinash Varma,

It is to inform that your project "Population Dynamics Of Brown Plant Hopper, Nilaparvata Lugens (Stal.) In Basmati Rice And Its Correlation With Abiotic Factors In Western Plain Zone Of Uttar Pradesh" Submitted to Dean (Research) has been approved by the University Research & Advisory Board (URAB) under "Seed Money Grant" Scheme with the following details:

Name & Department of PI	Name of Co- PI (If Any)	Funding Components	Project Duration
Dr. Avinash Varma, Dept of Agricultural Studies	Pramode Kumar	Research Expenses on cost of cultivationa and management practices = Rs. 23525 Purchase of data weather data and seeds, insecticides and other materials= Rs. 70575, Data Management & Report Preparation / Charges of Analysis of Data= Rs. 10200, Travel & Administrative Expenses= Rs. 10200, Patentability Search= Rs. 15300	01 Year
	g X P S a l	Cost for Proposal submission to External Agencies & Publication / Fee of Attorney= Rs. 10000 Contingency Charges= Rs. 10200 Total Amount= Rs. 150000	

'n University

- PI and Co-PI are expected to carry out research, File patent, Publish Papers, and guide young faculty & research scholars.
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- PI should prepare an elaborate project report proposal, as a logical extension of the seed fund activities, supported by present initiatives and submit the proposal to national/international funding agencies.
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- Any equipment purchased under this project should be optimally utilized and be made available
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 Department/School.

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Ref No: Dean(R)/SMG/20-21/021

Date:1/9/2020

To,

Mr. Himanshu Tyagi Dept of Computer Sciences & Engineering Quantum University, Roorkee

Sub: Sanction of Project "Remotely Manage Private Network And Public Network Based On Session Initiation Protocol" under "Seed Money Grant" Scheme

Dear Mr. Himanshu Tyagi,

It is to inform that your project "Remotely Manage Private Network And Public Network Based On Session Initiation Protocol" Submitted to Dean (Research) has been approved by the University Research & Advisory Board (URAB) under "Seed Money Grant" Scheme with the following details:

Name & Department of PI	Name of Co- PI (If Any)	Funding Components	Project Duration
Mr. Himanshu Tyagi, Dept of Computer Sciences & Engineering	(Resa	Research Expenses = Rs. 33250 Purchase of Software = Rs. 79750 Data Management & Report Preparation / Charges of Analysis of Data = Rs. 16000 Testing of Equipment charges = Rs. 16000 Patentability Search = Rs. 19000 Cost for Proposal submission to External Agencies & Publication / Fee of Attorney = Rs. 10000 Contingency Charges = Rs. 16000 Total Amount = Rs. 190000	01 Year

- PI and Co-PI are expected to carry out research, File patent, Publish Papers, and guide young faculty & research scholars.
- PI must timely submit the half yearly progress report and completion report to Dean (Research)
 along with utilization certificate (UC) duly signed by the finance officer of the university.
- PI should prepare an elaborate project report proposal, as a logical extension of the seed fund activities, supported by present initiatives and submit the proposal to national/international funding agencies.
- 4. PI should also organize interactive meeting with academia and industries, and establish collaboration (s) for multidisciplinary research.
- Any equipment purchased under this project should be optimally utilized and be made available to faculty and research scholar of the university. The same would be the property of respective Department/School.

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Ref No: Dean(R)/SMG/20-21/022

Date:1/9/2020

To,

Dr. Vivek Kumar
Dept of Computer Sciences & Engineering
Quantum University, Roorkee

Sub: Sanction of Project "Trusted And Secure Configuration And Validation Of Data For Public lot Devices Using Block Chain Technology" under "Seed Money Grant" Scheme

Dear Dr. Vivek Kumar,

It is to inform that your project "Trusted And Secure Configuration And Validation Of Data For Public lot Devices Using Block Chain Technology" Submitted to Dean (Research) has been approved by the University Research & Advisory Board (URAB) under "Seed Money Grant" Scheme with the following details:

Name & Department of PI	Name of Co- PI (If Any)	Funding Components	Project Duration
Dr. Vivek Kumar, Dept of Computer Sciences & Engineering	Dr. Aditi Sharma	Research Expenses = Rs. 33250 Purchase of /Software) = Rs. 79750 Data Management & Report Preparation / Charges of Analysis of Data = Rs. 16000 Testing of Equipment charges=	01 Year
	A CONTRACTOR OF THE PARTY OF TH	Rs. 16000 Patentability Search= Rs. 15000 Cost for Proposal submission to External Agencies & Publication / Fee of Attorney= Rs. 10000 Contingency Charges= Rs. 10000 Total Amount= Rs. 188000	9

 PI and Co-PI are expected to carry out research, File patent, Publish Papers, and guide young faculty & research scholars.

PI must timely submit the half yearly progress report and completion report to Dean (Research)
along with utilization certificate (UC) duly signed by the finance officer of the university.

 PI should prepare an elaborate project report proposal, as a logical extension of the seed fund activities, supported by present initiatives and submit the proposal to national/international funding agencies.

4. PI should also organize interactive meeting with academia and industries, and establish collaboration (s) for multidisciplinary research.

Any equipment purchased under this project should be optimally utilized and be made available to faculty and research scholar of the university. The same would be the property of respective Department/School.

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Ref No: Dean(R)/SMG/20-21/024

Date:1/9/2020

To,

Mr. M. Kannan Dept of Mechanical Engineering Quantum University, Roorkee

Sub: Sanction of Project "Wrapping Paper Roll Cutter" under "Seed Money Grant" Scheme

Dear Mr. M. Kannan,

It is to inform that your project "Wrapping Paper Roll Cutter" Submitted to Dean (Research) has been approved by the University Research & Advisory Board (URAB) under "Seed Money Grant" Scheme with the following details:

Name & Department of PI	Name of Co- PI (If Any)	Funding Components	Project Duration
Mr. M. Kannan, Dept of Mechanical Engineering	Mr. Mukesh Kumar	Research Expenses on materials required for paper roll cutter = Rs. 35125 Purchase of Hardware = Rs. 75375 Data Management & Report Preparation / Charges of Analysis of Data = Rs. 16000 Testing of Equipment charges = Rs. 16000	01 Year
	Research * eax	Patentability Search= Rs. 16000 Cost for Proposal submission to External Agencies & Publication / Fee of Attorney= Rs. 12000 Contingency Charges= Rs. 12000 Total Amount= Rs. 182500	3

- PI and Co-PI are expected to carry out research, File patent, Publish Papers, and guide young faculty & research scholars.
- 2. PI must timely submit the half yearly progress report and completion report to Dean (Research) along with utilization certificate (UC) duly signed by the finance officer of the university.
- PI should prepare an elaborate project report proposal, as a logical extension of the seed fund activities, supported by present initiatives and submit the proposal to national/international funding agencies.
- PI should also organize interactive meeting with academia and industries, and establish collaboration (s) for multidisciplinary research.
- Any equipment purchased under this project should be optimally utilized and be made available to faculty and research scholar of the university. The same would be the property of respective Department/School.

Copy to:

Office of the Vice Chancellor

Office of the Registrar

Dean (Research)