



Kasegaon Education Society's

# Rajarambapu Institute of Technology, Rajaramnagar

(An Autonomous Institute)

(Sakharale), Islampur . Tal – Walwa, Dist. – Sangli.(Maharashtra) India.

**E-mail:** [director@ritindia.edu](mailto:director@ritindia.edu) **Website –** [www.ritindia.edu](http://www.ritindia.edu)

Date: 1<sup>st</sup> August 2016

## Seed Funding Proposal Selection Policy

- To promote research and development activities separate budget is allocated every year. Every year Rs. 5 lacs to Rs. 8 lacs funds shall be spent on in-house seed funded projects. Every academic year, proposal shall be invited from all the departments of institute through Head of Departments. Scrutiny of the received proposals will be done by committee comprising of Dean R&D, One Senior Professor and III officer.
- Proposals shall be selected on the basis of following parameters.

Title of Proposal	Name of PI	Novelty (20)	Purpose of your Project/Research work (10)	Type of Work (10)	Application (20)	Outcome of work (20)	Benefit to Institute (20)	Remark
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- Amount of seed funding limit per project is Rs.30,000 to Rs. 50,000. Projects having scope for commercialization shall be given funding up to Rs. 50,000/.

Dean R & D



Director



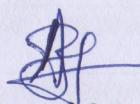
## List of Sanctioned Project under In-House Seed Funding Scheme for Year 2019-20

SR. NO	TITLE OF PROJECT	NAME OF PI	Amount Sanctioned
1.	Experimental investigation of micro-hole formation in glass substrate using electrochemical discharge machining.	Dr. S. K. Patil	30,000
2.	Automatic cutting and scraping machine for dehusked coconut	Dr. S. K. Patil	30,000+30,000*
3.	Design and development of electromagnetic vibration absorber,	Prof. S. S. Gawade	27,000
4.	Design and development of liquid desiccant dehumidifier for air conditioning (LDAC) system.	Prof. S. S. Gawade	25,000
5.	Enhancement of thermal efficiency in solar water heater by using nanoparticles.	Prof. S. N. Jalwadi	15,000
6.	Design and Development of electronic system for chapatti, Papad making multipurpose machine	Dr. S. D. Patil	30,000
7.	Vibration signature analysis of unbalance response of rolling element bearing	Dr. R. G. Desavale	25,000
8.	Automatic puran making machine	Dr. M. B. Mandale	15,000
9.	Shape memory alloy actuated smart battery cooling system.	Prof. S.B. Kumbhar	15,000
10.	Experimental investigation of unbalance response of rotor bearing system based on support vector machine	Prof. P. M. Jadhav	15,000
11.	Automization and commercialization of cricket ball throwing machine	Prof. S. R. Patil	30,000+30,000*
12.	Experimental and numerical investigation of incremental forming on biocompatible material for biomedical applications like cranial implant etc.	Prof. R. A. Magadum	30,000
13.	Design and development of automatic chakali making machine	Prof. R. V. Pawar	30,000
14.	Experimental investigation of heat transfer enhancement using nanofluid in tube.	Prof. S. V. Kadam	10,000
15.	Design and Development of non-conducting liquid level measurement system using IOT for Institutes generator.	Dr. A. B. Kakade	20,000



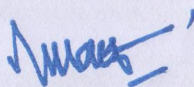
16.	Dynamic Power Factor Improvement System	Dr. M. S. Patil	16,000
17.	Development and Commercialization of IOT Based Vertical Farming Using Hydroponic Technology	Prof. P. P. More	30,000
18.	Smart Direct Demand Monitoring System.	Prof. R. T. Patil, Dr. H. T. Jadhav	30,000
19.	Snake repellent system.	Prof. B. N. Holkar	20,000
20.	Design of regenerative shock absorber along with mechanical motion rectifier.	Dr. L. M. Jugulkar	25,000
21.	Design and development of a mobility device for short-range personal transportation	Dr. S. R. Patil, Dr. M. S. Patil	30,000
22.	Synthesis and Characterization of Functionally Graded Material	Prof. P. S. Ghatage, Dr. S. S. Gawade	25,000
23.	Free Vibration Analysis of Multidirectional Functionally Graded Plate Structure Using First Order and Higher Order Shear Deformation Theory	Prof. P. S. Ghatage	10,000
24.	Development and Prototype of an Electric Bicycle For Short Range Mobility	Dr. S.R. Patil, Dr. S. R. Kumbhar, Dr. V. N. Kalkhambkar, Prof. S. G. Kumbhar, Prof. R. D. Patil.	60,000
25.	Experimental Study of Behavior of I-Shaped Steel Castellated Column.	Prof. A. M. Jamadar	30,000
26.	Intellectual automated system to analyze the students attention during academic sessions.	Ms. J. P. Rankhambe	20,000
27.	Investigation of dry sliding behavior of AA6061-ZrB2 composites for brake friction material application.	Dr. R. G. Desavale	20,000

**\* This amount will be reimbursed after validation at only customer side**



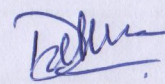
Dean R&D

Dr. A. B. Kakade



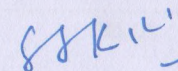
Member

Dr. R. G. Desavale



Member

Mr. S. R. Dodmise



Director

Dr. Mrs. S. S. Kulkarni



**Ref: RIT/R&D/SEED/2019-01**

**Date: 19/10/2019**

To,  
Dr. S. K. Patil.  
Mechanical Department,  
RIT, Sakharale.

**Subject:** Your Project entitled “**Experimental comparison of friction stir welding process and conventional welding process for dissimilar Aluminium alloy.**”

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled “**Experimental comparison of friction stir welding process and conventional welding process for dissimilar Aluminium alloy**” for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 30, 000/-** (Thirty thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.

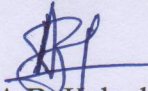
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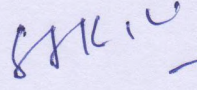
**Terms & Conditions:**

1. First review of the project will be conducted in first week of February-2020.
2. Final review of the project will be conducted in May end to first week of June 2020.
3. **Grant:** 80% grant will be released after the acceptance letter and 20% after successful completion of the project.
4. Travel cost shall not reimbursed from sanctioned budget.

**Copy to:**

- Dean R & D
- HOD

  
Dr. A.B. Kakade  
Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT





**Ref: RIT/R&D/SEED/2019-02**

**Date: 19/10/2019**

To,  
Dr. S. K. Patil.  
Mechanical Department,  
RIT, Sakharale.

**Subject:** Your Project entitled **“Automatic cutting and scraping machine for dehusked coconut”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled **“Automatic cutting and scraping machine for dehusked coconut”** for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 60, 000/-** (Sixty thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.


Please follow the terms and conditions as below;


**Terms & Conditions:**

1. First review of the project will be conducted in first week of February-2020.
2. Final review of the project will be conducted in May end to first week of June 2020.
3. Rs.30000 amount will be reimbursed after validation of prototype at customer side
4. Travel cost shall not reimbursed from sanctioned budget.

**Copy to:**

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Dr. A.B. Kakade  
Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-03**

**Date: 19/10/2019**

To,  
Prof. S. S. Gawade  
Mechanical Department,  
RIT, Sakharale.

**Subject:** Your Project entitled **“Design and development of electromagnetic vibration absorber”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled **“Design and development of electromagnetic vibration absorber”** for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 27, 000/-** (Twenty-Seven thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.


Please follow the terms and conditions as below;


**Terms & Conditions:**

1. First review of the project will be conducted in first week of February-2020.
2. Final review of the project will be conducted in May end to first week of June 2020.
3. Travel cost shall not reimbursed from sanctioned budget.

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Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-04**

**Date: 19/10/2019**

To,  
Prof. S. S. Gawade  
Mechanical Department,  
RIT, Sakharale.

**Subject: Your Project entitled “Design and development of liquid desiccant dehumidifier for air conditioning (LDAC) system.”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled **“Design and development of liquid desiccant dehumidifier for air conditioning (LDAC) system.”** for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 25, 000/-** (Twenty-Five thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.


Please follow the terms and conditions as below;


**Terms & Conditions:**

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2. Final review of the project will be conducted in May end to first week of June 2020.
3. Travel cost shall not reimbursed from sanctioned budget.

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Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-05**

**Date: 19/10/2019**

To,  
Prof. S. N. Jalwadi  
Mechanical Department,  
RIT, Sakharale.

**Subject: Your Project entitled “Enhancement of thermal efficiency in solar water heater by using nanoparticles.”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled **“Enhancement of thermal efficiency in solar water heater by using nanoparticles.”** for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 15, 000/-** (Fifteen thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.

Please follow the terms and conditions as below;


**Terms & Conditions:**

1. First review of the project will be conducted in first week of February-2020.
2. Final review of the project will be conducted in May end to first week of June 2020.
3. **Grant:** 80% grant will be released after the acceptance letter and 20% after successful completion of the project.
4. Travel cost shall not reimbursed from sanctioned budget.

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Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-06**

**Date: 19/10/2019**

To,  
Dr. S. D. Patil  
Mechanical Department,  
RIT, Sakharale.

**Subject: Your Project entitled “Design and Development of electronic system for chapatti, Papad making multipurpose machine”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled “**Design and Development of electronic system for chapatti, Papad making multipurpose machine**” for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs.30, 000/-** (Thirty thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.

Please follow the terms and conditions as below;

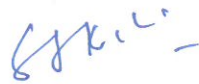
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Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-07**

**Date: 19/10/2019**

To,  
Dr. R. G. Desavale  
Mechanical Department,  
RIT, Sakharale.

**Subject:** Your Project entitled “**Vibration signature analysis of unbalance response of rolling element bearing**”

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled “**Vibration signature analysis of unbalance response of rolling element bearing**” for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 25, 000/-** (Twenty-Five thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.

Please follow the terms and conditions as below;

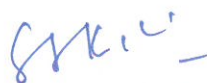
**Terms & Conditions:**

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3. **Grant:** 80% grant will be released after the acceptance letter and 20% after successful completion of the project.
4. Travel cost shall not reimbursed from sanctioned budget.

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Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-08**

**Date: 19/10/2019**

To,  
Dr. M. B. Mandale  
Mechanical Department,  
RIT, Sakharale.

**Subject: Your Project entitled "Automatic puran making machine"**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled "**Automatic puran making machine**" for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 15, 000/-** Fifteen thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.


Please follow the terms and conditions as below;


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Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-09**

**Date: 19/10/2019**

To,  
Prof. S. B. Kumbhar  
Mechanical Department,  
RIT, Sakharale.

**Subject:** Your Project entitled **“Shape memory alloy actuated smart battery cooling system.”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled **“Shape memory alloy actuated smart battery cooling system.”** for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 15, 000/-** (Fifteen thousand only) which will be released after receiving the acceptance letter.

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Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-10**

**Date: 19/10/2019**

To,  
Prof. P. M. Jadhav  
Mechanical Department,  
RIT, Sakharale.

**Subject: Your Project entitled “Experimental investigation of unbalance response of rotor bearing system based on support vector machine.”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled **“Experimental investigation of unbalance response of rotor bearing system based on support vector machine.”** for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 15, 000/-** (Fifteen thousand only) which will be released after receiving the acceptance letter.

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Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-11**

**Date: 19/10/2019**

To,  
Prof. S. R. Patil  
Mechanical Department,  
RIT, Sakharale.

**Subject:** Your Project entitled “**Automization and commercialization of cricket ball throwing machine.**”

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled “**Automization and commercialization of cricket ball throwing machine.**” for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 60, 000/-** (Sixty thousand only) which will be released after receiving the acceptance letter.

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Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-12**

**Date: 19/10/2019**

To,  
Prof. R. A. Magadum  
Mechanical Department,  
RIT, Sakharale.

**Subject:** Your Project entitled “**Experimental and numerical investigation of incremental forming on biocompatible material for biomedical applications like cranial implant etc.**”

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled “**Experimental and numerical investigation of incremental forming on biocompatible material for biomedical applications like cranial implant etc.**” for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 30, 000/-** (Thirty thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.


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Dr. A.B. Kakade  
Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-13**

**Date: 19/10/2019**

To,  
Prof. R. V. Pawar  
Mechanical Department,  
RIT, Sakharale.

**Subject:** Your Project entitled **“Design and development of automatic chakali making machine.”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled **“Design and development of automatic chakali making machine.”** for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 30, 000/-** (Thirty thousand only) which will be released after receiving the acceptance letter.

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Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT

**Ref: RIT/R&D/SEED/2019-14**

**Date: 19/10/2019**

To,  
Prof. S. V. Kadam  
Mechanical Department,  
RIT, Sakharale.

**Subject:** Your Project entitled **“Experimental investigation of heat transfer enhancement using nanofluid in tube.”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled **“Experimental investigation of heat transfer enhancement using nanofluid in tube.”** for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 10,000/-** (Ten thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.

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Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-15**

**Date: 19/10/2019**

To,  
Dr. A. B. Kakade  
Electronics and Telecommunication Department,  
RIT, Sakharale.

**Subject: Your Project entitled “Design and Development of non-conducting liquid level measurement system using IOT for Institutes generator.”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled **“Design and Development of non-conducting liquid level measurement system using IOT for Institutes generator.”** for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 20, 000/-** (Twenty thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.


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Dr. Sushma S. Kulkarni  
Director, RIT

**Ref: RIT/R&D/SEED/2019-16**

**Date: 19/10/2019**

To,  
Dr. M. S. Patil  
Electronics and Telecommunication Department,  
RIT, Sakharale.

**Subject: Your Project entitled “Dynamic Power Factor Improvement System”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled **“Dynamic Power Factor Improvement System”** for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 16, 000/-** (Sixteen thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.


Please follow the terms and conditions as below;

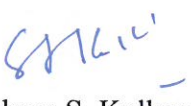
**Terms & Conditions:**

1. First review of the project will be conducted in first week of February-2020.
2. Final review of the project will be conducted in May end to first week of June 2020.
3. **Grant:** 80% grant will be released after the acceptance letter and 20% after successful completion of the project.
4. Travel cost shall not reimbursed from sanctioned budget.

**Copy to:**

- Dean R & D
- HOD

  
Dr. A.B. Kakade  
Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-17**

**Date: 19/10/2019**

To,  
Prof. P. P. More  
Electronics and Telecommunication Department,  
RIT, Sakharale.

**Subject: Your Project entitled “Development and Commercialization of IOT Based Vertical Farming Using Hydroponic Technology.”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled “**Development and Commercialization of IOT Based Vertical Farming Using Hydroponic Technology.**” for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 30, 000/-** (Thirty thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.


Please follow the terms and conditions as below;


**Terms & Conditions:**

1. First review of the project will be conducted in first week of February-2020.
2. Final review of the project will be conducted in May end to first week of June 2020.
3. **Grant:** 80% grant will be released after the acceptance letter and 20% after successful completion of the project.
4. Travel cost shall not reimbursed from sanctioned budget.

**Copy to:**

- Dean R & D
- HOD

  
Dr. A.B. Kakade  
Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT

**Ref: RIT/R&D/SEED/2019-18**

**Date: 19/10/2019**

To,  
Prof. R. T. Patil  
Electronics and Telecommunication Department,  
RIT, Sakharale.

**Subject: Your Project entitled "Smart Direct Demand Monitoring System."**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled "**Smart Direct Demand Monitoring System.**" for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 30, 000/-** (Thirty thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.

Please follow the terms and conditions as below;


**Terms & Conditions:**

1. First review of the project will be conducted in first week of February-2020.
2. Final review of the project will be conducted in May end to first week of June 2020.
3. **Grant:** 80% grant will be released after the acceptance letter and 20% after successful completion of the project.
4. Travel cost shall not reimbursed from sanctioned budget.

**Copy to:**

- Dean R & D
- HOD

  
Dr. A.B. Kakade  
Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-19**

**Date: 19/10/2019**

To,  
Prof. B. N. Holkar  
Electronics and Telecommunication Department,  
RIT, Sakharale.

**Subject: Your Project entitled "Snake repellent system."**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled **"Snake repellent system."** for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 20, 000/-** (Twenty thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.

Please follow the terms and conditions as below;


**Terms & Conditions:**

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3. **Grant:** 80% grant will be released after the acceptance letter and 20% after successful completion of the project.
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Dr. A.B. Kakade  
Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT

**Ref: RIT/R&D/SEED/2019-20**

**Date: 19/10/2019**

To,  
Dr. L. M. Jugulkar  
Automobile Engineering Department,  
RIT, Sakharale.

**Subject: Your Project entitled “Design of regenerative shock absorber along with mechanical motion rectifier.”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled “**Design of regenerative shock absorber along with mechanical motion rectifier.**” for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 25, 000/-** (Twenty-five thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.

Please follow the terms and conditions as below;

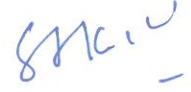
**Terms & Conditions:**

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3. **Grant:** 80% grant will be released after the acceptance letter and 20% after successful completion of the project.
4. Travel cost shall not reimbursed from sanctioned budget.

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Dr. A.B. Kakade  
Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-21**

**Date: 19/10/2019**

To,  
Dr. S. R. Patil  
Automobile Engineering Department,  
RIT, Sakharale.

**Subject: Your Project entitled “Design and development of a mobility device for short-range personal transportation.”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled **“Design and development of a mobility device for short-range personal transportation.”** for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 30, 000/-** (Thirty thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.

Please follow the terms and conditions as below;


**Terms & Conditions:**

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3. **Grant:** 80% grant will be released after the acceptance letter and 20% after successful completion of the project.
4. Travel cost shall not reimbursed from sanctioned budget.

**Copy to:**

- Dean R & D
- HOD

  
Dr. A.B. Kakade  
Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT

**Ref: RIT/R&D/SEED/2019-22**

**Date: 19/10/2019**

To,  
Prof. P. S. Ghatage  
Automobile Engineering Department,  
RIT, Sakharale.

**Subject: Your Project entitled “Synthesis and Characterization of Functionally Graded Material.”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled **“Synthesis and Characterization of Functionally Graded Material.”** for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 25, 000/-** (Twenty-Five thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.

Please follow the terms and conditions as below;

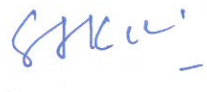
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**Copy to:**

- Dean R & D
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Dr. A.B. Kakade  
Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-23**

**Date: 19/10/2019**

To,  
Prof. P. S. Ghatage  
Automobile Engineering Department,  
RIT, Sakharale.

**Subject:** Your Project entitled “**Free Vibration Analysis of Multidirectional Functionally Graded Plate Structure Using First Order and Higher Order Shear Deformation Theory**”

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled “**Free Vibration Analysis of Multidirectional Functionally Graded Plate Structure Using First Order and Higher Order Shear Deformation Theory**” for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 10, 000/-** (Ten thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.

Please follow the terms and conditions as below;


**Terms & Conditions:**

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4. Travel cost shall not reimbursed from sanctioned budget.

**Copy to:**

- Dean R & D
- HOD

  
Dr. A.B. Kakade  
Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT

**Ref: RIT/R&D/SEED/2019-24**

**Date: 19/10/2019**

To,  
Prof. A. M. Jamadar  
Civil Engineering Department,  
RIT, Sakharale.

**Subject: Your Project entitled “Experimental Study of Behavior of I-Shaped Steel Castellated Column.”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled **“Experimental Study of Behavior of I-Shaped Steel Castellated Column.”** for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 30, 000/-** (Thirty thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.

Please follow the terms and conditions as below;

**Terms & Conditions:**

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4. Travel cost shall not reimbursed from sanctioned budget.

**Copy to:**

- Dean R & D
- HOD



Dr. A.B. Kakade  
Dean R & D



Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-25**

**Date: 19/10/2019**

To,  
Ms. J. P. Rankhambe  
Computer Science & Information Technology Engineering Department,  
RIT, Sakharale.

**Subject: Your Project entitled “Intellectual automated system to analyze the student’s attention during academic sessions.”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled “**Intellectual automated system to analyze the student’s attention during academic sessions.**” for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 20, 000/-** (Twenty thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.

Please follow the terms and conditions as below;


**Terms & Conditions:**

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2. Final review of the project will be conducted in May end to first week of June 2020.
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4. Travel cost shall not reimbursed from sanctioned budget.

**Copy to:**

- Dean R & D
- HOD

  
Dr. A.B. Kakade  
Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-26**

**Date: 19/10/2019**

To,  
Dr. R. G. Desavale  
Mechanical Engineering Department  
RIT, Sakharale.

**Subject: Your Project entitled “Investigation of dry sliding behavior of AA6061-ZrB2 composites for brake friction material application.”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled **“Investigation of dry sliding behavior of AA6061-ZrB2 composites for brake friction material application.”** for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 20, 000/-** (Twenty thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.

Please follow the terms and conditions as below;

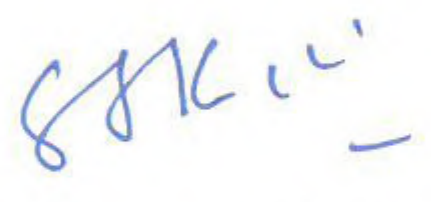
**Terms & Conditions:**

1. First review of the project will be conducted in first week of February-2020.
2. Final review of the project will be conducted in May end to first week of June 2020.
3. **Grant:** 80% grant will be released after the acceptance letter and 20% after successful completion of the project.
4. Travel cost shall not reimbursed from sanctioned budget.

**Copy to:**

- Dean R & D
- HOD

  
Dr. A.B. Kakade  
Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT



**Ref: RIT/R&D/SEED/2019-27**

**Date: 19/10/2019**

To,  
Dr. S. R. Patil, Dr. S. R. Kumbhar, Dr. V. N. Kalkhambkar,  
Mr. S. G. Kumbhar, Mr. R. D. Patil  
Automobile and Electrical Engineering Department,  
RIT, Sakharale.

**Subject: Your Project entitled “Development and Prototype of an Electric Bicycle for Short Range Mobility.”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled **“Development and Prototype of an Electric Bicycle for Short Range Mobility.”** for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 60, 000/-** (Sixty thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.

Please follow the terms and conditions as below;

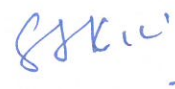
**Terms & Conditions:**

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3. **Grant:** 80% grant will be released after the acceptance letter and 20% after successful completion of the project.
4. Travel cost shall not reimbursed from sanctioned budget.

**Copy to:**

- Dean R & D
- HOD

  
Dr. A.B. Kakade  
Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT

Ref: RIT/R&D/SEED/SP/2019-01

Date: 11/09/2019

To,  
Prof. Randhir Patil  
E & TC Department,  
RIT, Sakharale.

**Subject:** Your Project entitled "Silo Pack Silage Making Machine "

**Ref:** Seed funding scheme assistance (Sellable Product)through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding for developing sellable product scheme, I am happy to convey on the recommendation of the project entitled "Silo Pack Silage Making Machine" for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be Rs.1,23, 000/-(One lac Twenty Three thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.

Please follow the terms and conditions as below;

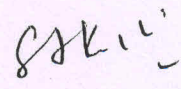
**Terms & Conditions:**

1. First review of the project will be conducted in first week of January-2020.
2. Final review of the project will be conducted in May end to first week of June 2020.

Copy to:

- Accounts
- HOD

  
Dr. A.B. Kakade  
Dean R & D

  
Dr. Sushma S. Kulkarni  
Director ,RIT



**Ref: RIT/R&D/SEED/SP/2019-02**

**Date: 11/09/2019**

To,  
Dr. S. A. Thorat  
CSE Department,  
RIT, Sakharale.

**Subject:** Your Project entitled “**Chatbot System for Educational Website**”

**Ref:** Seed funding scheme assistance (Sellable Product) through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding for developing sellable product scheme, I am happy to convey on the recommendation of the project entitled “**Chatbot System for Educational Website**” for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs.76,000/-**(Seventy Six thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.

Please follow the terms and conditions as below;


**Terms & Conditions:**

1. First review of the project will be conducted in first week of January-2020.
2. Final review of the project will be conducted in May end to first week of June 2020.

**Copy to:**

- Accounts
- HOD

  
Dr. A.B. Kakade  
Dean R & D

  
Dr. Sushma S. Kulkarni  
Director ,RIT

**Ref: RIT/R&D/SEED/SP/2019-03**

**Date: 11/09/2019**

To,  
Mr. Lokesh Patil and Dr. A. B. Kakade.  
Mechanical Department,  
RIT, Sakharale.

**Subject: Your Project entitled “Design and Development of solar panel cleaning robot, Controlled using Cloud computing Technique.”**

**Ref:** Seed funding scheme assistance through R & D, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through R & D seed funding, I am happy to convey on the recommendation of the project entitled **“Design and Development of solar panel cleaning robot, Controlled using Cloud computing Technique”** for financial assistance through R & D seed funding for current academic year 2019-2020. The total grant for the project will be **Rs. 90,000/-** (Ninety thousand only) which will be released after receiving the acceptance letter.

Kindly communicate and submit the acceptance letter duly signed with name of PI, CO-PI and HOD to Dean R & D.

Please follow the terms and conditions as below;

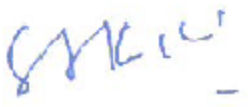
**Terms & Conditions:**

1. Final review of the project will be conducted in May end to First week of June 2020.
2. **Grant:** 80% grant will be released after the acceptance letter and 20% after successful completion of the project.

**Copy to:**

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- HOD

  
Dr. A.B. Kakade  
Dean R & D

  
Dr. Sushma S. Kulkarni  
Director, RIT