



Date: 1st 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/.

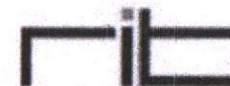
Dean R & D



Director



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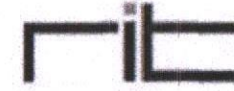


SEED FUNDING PROJECT SANCTION LIST 2022-23

Sr. No.	Project Title	Name of faculty	Amount in Rs.
1.	Design and Development of Switch Mode Power Supply (SMPS)	Prof. Sachin Kumbhar and Dr. A. B. Kakade	30000
2.	Design and Development of Three phase AC Voltage Stabilizer	Dr. A. B. Kakade and Prof. Sachin Kumbhar	40000
3.	PLC Based leaves dryer	Dr. J. S. Awati	35000
4.	Regenerative Braking of Electric Bicycles by using Supercapacitor	Dr. V. N. Kalkhambkar	30000
5.	An Analytical Study of Personal Finance Challenges of Industrial Workers	Dr. K. S. Patil	30000
6.	A Study of effectiveness of Rural Self-Employment Training Institute (RSETI) in Entrepreneurship Development of self Help Group (SHG) members: Sangli District	Mr. Umakant M. Padwal, Dr. H. V. Gaikwad and Mr. Shrikant S. Karanjkar	30000
7.	Finite Element Modeling of Castellated Beam Under Lateral Distortional Buckling Mode	Mr. R. R. Kurlapkar	17500
8.	Innovative Approach to Ambient Air Quality Management Using Pollution Cleaner Tower	Dr. Shridhar S. Kumbhar	35000
9.	Performance Evaluation of Mobile Integrated Greywater Treatment System	Dr. Yashwant Mohan Patil	30000
10.	Enhancement of mechanical properties of Recycled aggregate concrete by using pretreated recycled coarse aggregate and biocement	Mr. Amol S. Thorbole and Dr. Mr. S. S. Kulkarni	35000
11.	Groundwater quality assessment for drinking irrigation and industrial usage of Walwa Taluka	Dr. Sandip S. Sathe	35000
12.	Hydrothermally grown copper cobalt tin sulfide nanostructure for photocatalytic application	Dr. P. S. Maldar and Dr. Ms. S. N. Pusawale	35000
13.	Low cost synthesis of mixed metal oxide based composites for water remediation	Dr. P. V. Gaikwad	35000
14.	Experimental Investigation of Micro drilling of Ti-6Al-4V using EDM by varying workpiece thickness	Prof. S. N. Sawant and Dr. S. K. Patil	30000




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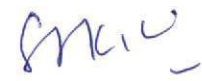


15.	Experiment study on Vibration Characteristics of Rotor-Bearing System with Misalignment and Bearing Clearance	Dr. R. G. Desavale	30000
16.	Experimental Study on Vibration Characteristics of Rotor-Bearing System with Misalignment and Unbalance using ANN	Mr. P. M. Jadhav	30000
17.	Design and Fabrication of apparel drying machine	Mr. Prashant V. Gunjavate	35000
18.	Investigation on Rheological properties and Tribological Performance of Bio-Lubricant	Mr. R. V. Pawar	30000
19.	Design and Development of Venturi Aerator	Mr. Shridhar S. Deshmukh	25000
20.	Design and Development of Online Uninterruptible Power Supply (UPS)	Mr. Sachin kumbhar and Dr. M. S. Patil	50000
		Total	6,47,500/-


Dr. A. B. Kakade
Dean R&D


Dr. R. G. Desavale
Member




Dr. Mrs. S. S. Kulkarni
Director

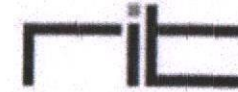


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SEED FUNDING PROJECT EVALUATION SHEET - 2022-23

Sr. No	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	
1.	Design and Development of Switch Mode Power Supply (SMPS)	Prof. Sachin Kumbhar and Dr. A. B. Kakade	15	08	08	17	17	17	82	Selected
2.	Design and Development of Three phase AC Voltage Stabilizer	Dr. A. B. Kakade and Prof. Sachin Kumbhar	15	08	08	17	17	17	82	Selected
3.	AI based face recovery and prediction system	Dr. J. S. Awati	07	04	04	07	07	05	34	Rejected
4.	PLC Based leaves dryer	Dr. J. S. Awati	17	08	07	17	17	16	82	Selected
5.	Artificial Intelligence based self-driving vehicle	Dr. V. N. Kalkhambkar	07	05	04	10	08	07	41	Rejected
6.	Regenerative Braking of Electric Bicycles by using Supercapacitor	Dr. V. N. Kalkhambkar	13	07	06	14	14	14	68	Selected
7.	An Analytical Study of Personal Finance Challenges of Industrial Workers	Dr. K. S. Patil	15	08	07	15	15	16	76	Selected
8.	A Study of effectiveness of Rural Self-Employment Training Institute (RSETI) in Entrepreneurship Development of self Help Group (SHG) members; Sangli District	Mr. Umakant M. Padwal, Dr. H. V. Gaikwad and Mr. Shrikant S. Karanjkar	16	07	07	15	15	16	76	Selected
9.	Finite Element Modeling of Castellated Beam Under Lateral Distortional Buckling Mode	Mr. R. R. Kurlapkar	14	06	07	15	15	15	72	Selected
10.	Innovative Approach to Ambient Air Quality Management Using Pollution Cleaner Tower	Dr. Shridhar S. Kumbhar	16	07	07	17	15	16	78	Selected
11.	Performance Evaluation of Mobile Integrated Greywater Treatment System	Dr. Yashwant Mohan Patil	16	07	07	17	15	16	78	Selected
12.	Enhancement of mechanical properties of Recycled aggregate concrete by using pretreated recycled coarse aggregate and biocement	Mr. Amol S. Thorbole and Dr. Mr. S. S. Kulkarni	16	07	07	17	16	16	79	Selected
13.	Groundwater quality assessment for drinking irrigation and industrial usage of Walwa Taluka	Dr. Sandip S. Sathe	16	07	07	16	16	15	77	Selected
14.	Hydrothermally grown copper cobalt tin sulfide nanostructure for photocatalytic application	Dr. P. S. Maldar and Dr. Ms. S. N. Pusawale	16	07	07	16	16	16	78	Selected

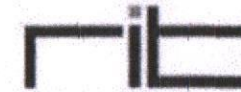


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SEED FUNDING PROJECT EVALUATION SHEET - 2022-23

15.	Low cost synthesis of mixed metal oxide based composites for water remediation	Dr. P. V. Gaikwad	16	07	07	16	16	16	78	Selected
16.	Experimental Investigation of Micro drilling of Ti-6Al-4V using EDM by varying workpiece thickness	Prof. S. N. Sawant and Dr. S. K. Patil	14	06	06	14	15	15	70	Selected
17.	Experiment study on Vibration Characteristics of Rotor-Bearing System with Misalignment and Bearing Clearance	Dr. R. G. Desavale	17	07	08	16	16	16	80	Selected
18.	Experimental Study on Vibration Characteristics of Rotor-Bearing System with Misalignment and Unbalance using ANN	Mr. P. M. Jadhav and	17	07	08	16	16	16	80	Selected
19.	Design and Fabrication of apparel drying machine	Mr. Prashant V. Gunjavate	15	06	06	15	15	16	73	Selected
20.	Investigation on Rheological properties and Tribological Performance of Bio-Lubricant	Mr. R. V. Pawar	15	06	06	15	15	16	73	Selected
21.	Synthesis of Poly Lactic Acid	Mr. Pratik A. Patil	07	04	04	08	07	05	35	Rejected
22.	Fabrication and Testing of Poly glycolic acid for surgical application	Mr. Pratik A. Patil	07	04	04	08	07	05	35	Rejected
23.	Development of Graphene supported Filtration system for wastewater	Mr. Pratik A. Patil	07	04	04	08	07	05	35	Rejected
24.	Design and Development of Venturi Aerator	Mr. Shridhar S. Deshmukh	16	07	07	16	16	16	78	Selected
25.	Design and Development of Online Uninterruptible Power Supply (UPS)	Mr. Sachin kumbhar and Dr. M. S. Patil	16	07	08	17	16	16	80	Selected


Dr. A. B. Kakade
Dean R & D


Dr. R. G. Desavale
Member




Dr. Mrs. S. S. Kulkarni
Director

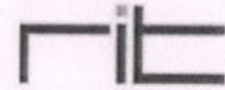


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AICTE-RIT IDEA LAB-SEED FUNDED PROJECT SANCTION LIST 2022-23

Sr. No.	Project Title	Name of faculty	Amount in Rs.
1.	Design and Development of a vegetable/fruit crate carrier vehicle for agriculture purpose	Prof. Pankaj S. Ghatage and Dr. S. S. More	20500
2.	Design, Fabrication and Testing of Hybrid Operating Grass Cutter	Dr. Samir B. Kumbhar	27000
3.	Design and Development of Venturi Aerator	Mr. Shridhar S. Deshmukh	25000
		Total	72500/-

Dr. A. B. Kakade
IDEA Lab Coordinator

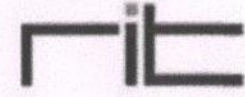
Dr. R. G. Desavale
Member



Dr. Mrs. S. S. Kulkarni
Director




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AICTE-RIT IDEA LAB SEED FUNDING PROJECT EVALUATION SHEET - 2022-23

Sr. No	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
1.	Design and Development of a vegetable/fruit crate carrier vehicle for agriculture purpose	Prof. Pankaj S. Ghatage and Dr. S. S. More	18	08	08	18	17	17	86
2.	Design, Fabrication and Testing of Hybrid Operating Grass Cutter	Dr. Samir B. Kumbhar	16	07	08	17	17	17	82
3.	Design and Development of Venturi Aerator	Mr. Shridhar S. Deshmukh	16	07	07	16	16	16	78

Selected
Selected
Selected


Dr. A. B. Kakade
Dean R &D


Dr. R. G. Desavale
Member




Dr. Mrs. S. S. Kulkarni
Director



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Ref: RIT/R&D/SEED/2022-23-1

Date: 05/07/2022

To,
Prof. Sachin Kumbhar
Electrical Engineering Department,
Dr. A. B. Kakade
Electronics and Telecommunication Department,
RIT, Sakharale.

Subject: Your Project entitled “Design and Development of Switch Mode Power Supply (SMPS).”

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 Switch Mode Power Supply (SMPS).” for financial assistance through R & D seed funding for current academic year 2022-2023. 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;

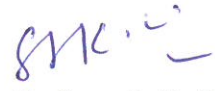
Terms & Conditions:

1. Final review of the project will be conducted in May end week of 2023.
2. **Grant:** 60% grant will be released after the acceptance letter and 40% after successful completion of the project.

Copy to:

- Dean R & D
- HOD


Dr. A.B. Kakade
Dean R & D


Dr. Sushma S. Kulkarni
Director ,RIT





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Ref: RIT/R&D/SEED/2022-23-2

Date: 16/08/2022

To,
Dr. A. B. Kakade
Electronics and Telecommunication Department,
RIT, Sakharale.
Prof. Sachin Kumbhar
Electrical Engineering Department,

Subject: Your Project entitled “Design and Development of Three phase AC Voltage Stabilizer.”

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 Three phase AC Voltage Stabilizer.” for financial assistance through R & D seed funding for current academic year 2022-2023. The total grant for the project will be **Rs. 40,000/-** (Fourty 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 week of 2023.
2. **Grant:** 60% grant will be released after the acceptance letter and 40% after successful completion of the project.

Copy to:

- Dean R & D
- HOD


Dr. A.B. Kakade
Dean R & D


Dr. Sushma S. Kulkarni
Director ,RIT





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Ref: RIT/R&D/SEED/2022-23-3

Date: 27/09/2022

To,
Dr. J. S. Awati
Electronics and Telecommunication Department,
RIT, Sakharale.

Subject: Your Project entitled "PLC Based leaves dryer."

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 "PLC Based leaves dryer." for financial assistance through R & D seed funding for current academic year 2022-2023. The total grant for the project will be **Rs. 35,000/-** (Thirty 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:

1. Final review of the project will be conducted in May end week of 2023.
2. **Grant:** 60% grant will be released after the acceptance letter and 40% 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





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Ref: RIT/R&D/SEED/2022-23-4

Date: 27/09/2022

To,
Dr. V. N. Kalkhambkar
Electrical Engineering Department,
RIT, Sakharale.

Subject: Your Project entitled “**Regenerative Braking of Electric Bicycles by using Supercapacitor.**”

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 “**Regenerative Braking of Electric Bicycles by using Supercapacitor.**” for financial assistance through R & D seed funding for current academic year 2022-2023. 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:

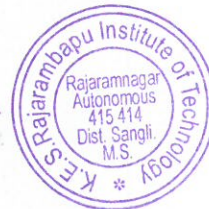
1. Final review of the project will be conducted in May end week of 2023.
2. **Grant:** 60% grant will be released after the acceptance letter and 40% after successful completion of the project.

Copy to:

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- HOD


Dr. A.B. Kakade
Dean R & D


Dr. Sushma S. Kulkarni
Director ,RIT





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Ref: RIT/R&D/SEED/2022-23-5

Date: 27/09/2022

To,
Dr. K. S. Patil
Department of Management Studies (MBA),
RIT, Sakharale.

Subject: Your Project entitled “An Analytical Study of Personal Finance Challenges of Industrial Workers.”

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 “An Analytical Study of Personal Finance Challenges of Industrial Workers.” for financial assistance through R & D seed funding for current academic year 2022-2023. 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;

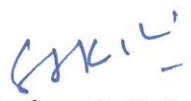
Terms & Conditions:

1. Final review of the project will be conducted in May end week of 2023.
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- HOD


Dr. A.B. Kakade
Dean R & D


Dr. Sushma S. Kulkarni
Director ,RIT





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Ref: RIT/R&D/SEED/2022-23-6

Date: 27/09/2022

To,
Mr. Umakant M. Padwal, Dr. H. V. Gaikwad and Mr. Shrikant S. Karanjkar,
Department of Management Studies (MBA),
RIT, Sakharale.

Subject: Your Project entitled "A Study of effectiveness of Rural Self-Employment Training Institute (RSETI) in Entrepreneurship Development of self Help Group (SHG) members: Sangli District."

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 "A Study of effectiveness of Rural Self-Employment Training Institute (RSETI) in Entrepreneurship Development of self Help Group (SHG) members: Sangli District." for financial assistance through R & D seed funding for current academic year 2022-2023. 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;

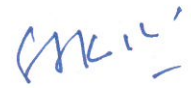
Terms & Conditions:

1. Final review of the project will be conducted in May end week of 2023.
2. **Grant:** 60% grant will be released after the acceptance letter and 40% after successful completion of the project.

Copy to:

- Dean R & D
- HOD


Dr. A.B. Kakade
Dean R & D


Dr. Sushma S. Kulkarni
Director, RIT





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Ref: RIT/R&D/SEED/2022-23-7

Date: 27/09/2022

To,
Mr. R. R. Kurlapkar,
Civil Engineering Department,
RIT, Sakharale.

Subject: Your Project entitled “**Finite Element Modeling of Castellated Beam under Lateral Distortional Buckling Mode.**”

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 “**Finite Element Modeling of Castellated Beam under Lateral Distortional Buckling Mode.**” for financial assistance through R & D seed funding for current academic year 2022-2023. The total grant for the project will be **Rs. 17,500/-** (Seventeen Thousand Five Hundred 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 week of 2023.
2. **Grant:** 60% grant will be released after the acceptance letter and 40% 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





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Ref: RIT/R&D/SEED/2022-23-8

Date: 27/09/2022

To,
Dr. Shridhar S. Kumbhar,
Civil Engineering Department,
RIT, Sakharale.

Subject: Your Project entitled “**Innovative Approach to Ambient Air Quality Management Using Pollution Cleaner Tower.**”

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 “**Innovative Approach to Ambient Air Quality Management Using Pollution Cleaner Tower.**” for financial assistance through R & D seed funding for current academic year 2022-2023. The total grant for the project will be **Rs. 35,000/-** (Thirty 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:

1. Final review of the project will be conducted in May end week of 2023.
2. **Grant:** 60% grant will be released after the acceptance letter and 40% after successful completion of the project.

Copy to:

- Dean R & D
- HOD

Dr. A.B. Kakade
Dean R & D

Dr. Sushma S. Kulkarni
Director ,RIT





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Ref: RIT/R&D/SEED/2022-23-9

Date: 27/09/2022

To,
Dr. Yashwant Mohan Patil,
Civil Engineering Department,
RIT, Sakharale.

Subject: Your Project entitled “**Performance Evaluation of Mobile Integrated Greywater Treatment 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 “**Performance Evaluation of Mobile Integrated Greywater Treatment System.**” for financial assistance through R & D seed funding for current academic year 2022-2023. 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. Final review of the project will be conducted in May end week of 2023.
2. **Grant:** 60% grant will be released after the acceptance letter and 40% after successful completion of the project.

Copy to:

- Dean R & D
- HOD


Dr. A.B. Kakade
Dean R & D


Dr. Sushma S. Kulkarni
Director, RIT





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Ref: RIT/R&D/SEED/2022-23-10

Date: 27/09/2022

To,
Mr. Amol S. Thorbole and Dr. Mrs. S. S. Kulkarni,
Civil Engineering Department,
RIT, Sakharale.

Subject: Your Project entitled “**Enhancement of mechanical properties of Recycled aggregate concrete by using pretreated recycled coarse aggregate and biocement.**”

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 mechanical properties of Recycled aggregate concrete by using pretreated recycled coarse aggregate and biocement.**” for financial assistance through R & D seed funding for current academic year 2022-2023. The total grant for the project will be **Rs. 35,000/-** (Thirty 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;

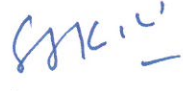
Terms & Conditions:

1. Final review of the project will be conducted in May end week of 2023.
2. **Grant:** 60% grant will be released after the acceptance letter and 40% after successful completion of the project.

Copy to:

- Dean R & D
- HOD


Dr. A.B. Kakade
Dean R & D


Dr. Sushma S. Kulkarni
Director, RIT





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Rajarambapu Institute of Technology, Rajaramnagar
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Accredited with A⁺ grade by NAAC



Ref: RIT/R&D/SEED/2022-23-11

Date: 27/09/2022

To,
Dr. Sandip S. Sathe,
Civil Engineering Department,
RIT, Sakharale.

Subject: Your Project entitled “Groundwater quality assessment for drinking irrigation and industrial usage of Walwa Taluka.”

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 “Groundwater quality assessment for drinking irrigation and industrial usage of Walwa Taluka.” for financial assistance through R & D seed funding for current academic year 2022-2023. The total grant for the project will be **Rs. 35,000/-** (Thirty 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. **Grant:** 60% grant will be released after the acceptance letter and 40% after successful completion of the project.

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Dr. A.B. Kakade
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Dr. Sushma S. Kulkarni
Director ,RIT





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Ref: RIT/R&D/SEED/2022-23-12

Date: 27/09/2022

To,
Dr. P. S. Maldar and Dr. Ms. S. N. Pusawale,
Sciences and Humanities Department,
RIT, Sakharale.

Subject: Your Project entitled “**Hydrothermally grown copper cobalt tin sulfide nanostructure for photocatalytic 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 “**Hydrothermally grown copper cobalt tin sulfide nanostructure for photocatalytic application.**” for financial assistance through R & D seed funding for current academic year 2022-2023. The total grant for the project will be **Rs. 35,000/-** (Thirty 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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Director, RIT





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Accredited with A⁺ grade by NAAC



Ref: RIT/R&D/SEED/2022-23-13

Date: 27/09/2022

To,
Dr. P. V. Gaikwad,
Sciences and Humanities Department,
RIT, Sakharale.

Subject: Your Project entitled “**Low cost synthesis of mixed metal oxide based composites for water remediation.**”

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 “**Low cost synthesis of mixed metal oxide based composites for water remediation.**” for financial assistance through R & D seed funding for current academic year 2022-2023. The total grant for the project will be **Rs. 35,000/-** (Thirty 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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Dr. Sushma S. Kulkarni
Director ,RIT





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Ref: RIT/R&D/SEED/2022-23-14

Date: 27/09/2022

To,
Prof. S. N. Sawant and Dr. S. K. Patil,
Mechanical Engineering Department,
RIT, Sakharale.

Subject: Your Project entitled “**Experimental Investigation of Micro drilling of Ti-6Al-4V using EDM by varying work piece thickness.**”

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 Micro drilling of Ti-6Al-4V using EDM by varying work piece thickness.**” for financial assistance through R & D seed funding for current academic year 2022-2023. 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. Final review of the project will be conducted in May end week of 2023.
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- HOD


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Dean R & D


Dr. Sushma S. Kulkarni
Director, RIT





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Ref: RIT/R&D/SEED/2022-23-15

Date: 27/09/2022

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

Subject: Your Project entitled “**Experiment study on Vibration Characteristics of Rotor-Bearing System with Misalignment and Bearing Clearance.**”

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 “**Experiment study on Vibration Characteristics of Rotor-Bearing System with Misalignment and Bearing Clearance.**” for financial assistance through R & D seed funding for current academic year 2022-2023. 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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Copy to:

- Dean R & D
- HOD


Dr. A.B. Kakade
Dean R & D


Dr. Sushma S. Kulkarni
Director, RIT





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Ref: RIT/R&D/SEED/2022-23-16

Date: 27/09/2022

To,
Mr. P. M. Jadhav,
Mechanical Engineering Department,
RIT, Sakharale.

Subject: Your Project entitled “**Experimental Study on Vibration Characteristics of Rotor-Bearing System with Misalignment and Unbalance using ANN.**”

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 on Vibration Characteristics of Rotor-Bearing System with Misalignment and Unbalance using ANN.**” for financial assistance through R & D seed funding for current academic year 2022-2023. 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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Copy to:

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- HOD


Dr. A.B. Kakade
Dean R & D


Dr. Sushma S. Kulkarni
Director, RIT





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Ref: RIT/R&D/SEED/2022-23-17

Date: 27/09/2022

To,
Mr. Prashant V. Gunjavate,
Mechanical Engineering Department,
RIT, Sakharale.

Subject: Your Project entitled "Design and Fabrication of apparel drying 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 Fabrication of apparel drying machine.**" for financial assistance through R & D seed funding for current academic year 2022-2023. The total grant for the project will be **Rs. 35,000/-** (Thirty 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;

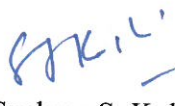
Terms & Conditions:

1. Final review of the project will be conducted in May end week of 2023.
2. **Grant:** 60% grant will be released after the acceptance letter and 40% after successful completion of the project.

Copy to:

- Dean R & D
- HOD


Dr. A.B. Kakade
Dean R & D


Dr. Sushma S. Kulkarni
Director, RIT





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Ref: RIT/R&D/SEED/2022-23-18

Date: 27/09/2022

To,
Mr. R. V. Pawar,
Mechanical Engineering Department,
RIT, Sakharale.

Subject: Your Project entitled "Investigation on Rheological properties and Tribological Performance of Bio-Lubricant."

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 on Rheological properties and Tribological Performance of Bio-Lubricant.**" for financial assistance through R & D seed funding for current academic year 2022-2023. 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. Final review of the project will be conducted in May end week of 2023.
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Copy to:

- Dean R & D
- HOD

Dr. A.B. Kakade
Dean R & D

Dr. Sushma S. Kulkarni
Director, RIT





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Ref: RIT/R&D/SEED/2022-23-20

Date: 09/03/2023

To,
Prof. Sachin kumbhar,
Electrical Engineering.,
Dr. M. S. Patil
Electronics and Telecommunication Engineering
RIT, Sakharale.

Subject: Your Project entitled “**Design and Development of Online Uninterruptible Power Supply (UPS).**”

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 Online Uninterruptible Power Supply (UPS).**” for financial assistance through R & D seed funding for current academic year 2022-2023. The total grant for the project will be **Rs. 50,000/-** (Fifty 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:

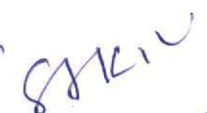
1. Final review of the project will be conducted in May end week of 2023.
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Copy to:

- Dean R & D
- HOD

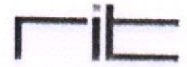

Dr. A.B. Kakade
Dean R & D




Dr. Sushma S. Kulkarni
Director, RIT



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An autonomous Institute Affiliated to Shivaji University, Kolhapur
Accredited with A⁺ grade by NAAC



Ref: RIT/R&D/SEED/2022-23-19

Date: 27/09/2022

To,
Mr. Shridhar S. Deshmukh,
Mechanical Engineering Department,
RIT, Sakharale.

Subject: Your Project entitled “**Design and Development of Venturi Aerator.**”

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 Venturi Aerator.**” for financial assistance through R & D seed funding for current academic year 2022-2023. The total grant for the project will be **Rs. 35,000/-** (~~Thirty~~ *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;

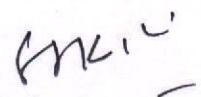
Terms & Conditions:


1. Final review of the project will be conducted in May end week of 2023.
2. **Grant:** 60% grant will be released after the acceptance letter and 40% after successful completion of the project.

Copy to:

- Dean R & D
- HOD


Dr. A.B. Kakade
Dean R & D


Dr. Sushma S. Kulkarni
Director, RIT

Received

S. S. Deshmukh





K. E. Society's
Rajarambapu Institute of Technology, Rajaramnagar
An autonomous Institute Affiliated to Shivaji University, Kolhapur
Accredited with A⁺ grade by NAAC



Ref: RIT/AICTE-IDEA-LAB/SEED/2022-23-1

Date: 27/09/2022

To,
Mr. Pankaj S. Ghatage and Dr. S. S. More,
Mechanical Engineering Department,
RIT, Sakharale.

Subject: Your Project entitled “**Design and Development of a vegetable/fruit crate carrier vehicle for agriculture purpose.**”

Ref: Seed funding scheme assistance through AICTE-RIT IDEA Lab, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through AICTE-RIT IDEA Lab seed funding, I am happy to convey on the recommendation of the project entitled “**Design and Development of a vegetable/fruit crate carrier vehicle for agriculture purpose.**” for financial assistance through AICTE-RIT IDEA Lab seed funding for current academic year 2022-2023. The total grant for the project will be **Rs. 27,000/-** (Twenty Seven Hundred 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 IDEA Lab Coordinator.


Please follow the terms and conditions as below;


Terms & Conditions:

1. Final review of the project will be conducted in May end week of 2023.
2. **Grant:** 60% grant will be released after the acceptance letter and 40% after successful completion of the project.

Copy to:

- IDEA Lab Coordinator
- HOD


Dr. A.B. Kakade
IDEA Lab Coordinator


Dr. Sushma S. Kulkarni
Director, RIT





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Ref: RIT/AICTE-IDEA-LAB/SEED/2022-23-2

Date: 27/09/2022

To,
Dr. Samir B. Kumbhar,
Mechanical Engineering Department,
RIT, Sakharale.

Subject: Your Project entitled “Design, Fabrication and Testing of Hybrid Operating Grass Cutter.”

Ref: Seed funding scheme assistance through AICTE-RIT IDEA Lab, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through AICTE-RIT IDEA Lab seed funding, I am happy to convey on the recommendation of the project entitled “**Design, Fabrication and Testing of Hybrid Operating Grass Cutter.**” for financial assistance through AICTE-RIT IDEA Lab seed funding for current academic year 2022-2023. The total grant for the project will be **Rs. 20,500/-** (Twenty Thousand Five Hundred 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 IDEA Lab Coordinator.


Please follow the terms and conditions as below;


Terms & Conditions:

1. Final review of the project will be conducted in May end week of 2023.
2. **Grant:** 60% grant will be released after the acceptance letter and 40% after successful completion of the project.

Copy to:

- IDEA Lab Coordinator
- HOD


Dr. A.B. Kakade
IDEA Lab Coordinator


Dr. Sushma S. Kulkarni
Director, RIT





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Ref: RIT/AICTE-IDEA-LAB/SEED/2022-23-3

Date: 27/09/2022

To,
Mr. Shridhar S. Deshmukh,
Mechanical Engineering Department,
RIT, Sakharale.

Subject: Your Project entitled “**Design and Development of Venturi Aerator.**”

Ref: Seed funding scheme assistance through AICTE-RIT IDEA Lab, Rajarambapu Institute of Technology, Sakharale.

Dear Sir,

With reference to your application for financial assistance through AICTE-RIT IDEA Lab seed funding, I am happy to convey on the recommendation of the project entitled “**Design and Development of Venturi Aerator.**” for financial assistance through AICTE-RIT IDEA Lab seed funding for current academic year 2022-2023. 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 IDEA Lab Coordinator.


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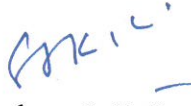
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Copy to:

- IDEA Lab Coordinator
- HOD


Dr. A.B. Kakade
IDEA Lab Coordinator


Dr. Sushma S. Kulkarni
Director, RIT



Date: 8/2/2022

To,
The Director,
RIT, Islampur

Through: CEO, NRIT
Dean, R&D

R. I. T. RAJARAMNAGAR
Inward No. : 8 FEB 2022
Department : 2347
Date :

Subject: Request to sanction budget for Automated Guided Vehicle (AGV) in academic year 2022-23.

Respected Madam,

For design and development for **Automated Guided Vehicle** total budget we required academic year 2022-23 is **Rs.8,19,000/-**. This budget includes **material purchase, training** from industrial experts and other **development expenditures**. Details are attached herewith.

Madam, we are requesting you as per discussions kindly sanction **Rs.5,00,000/- under R&D budget** and **Rs.3,19,000/- under Industry Institute Interaction budget**. We will submit planning of execution with ^{role}rolls and responsibilities of involved members within next two weeks.

Thank you.

Yours faithfully,

Mr. Harshal Patil

Incubation manager, NRIT

Resp. Madam,
As per our earlier
discussions, may be
sanctioned.

Recommended

Dean R&D

permitted to promote learning
in emerging area.

K. E. Society's,
Rajarambapu Institute of Technology, Rajaramnagar

Automated Guided Vehicle (AGV) Project Expenditure Details

Department- NETRA- RIT TBI

Total Expenditure from R&D Budget

Sr. No.	Team Name	Guide Name	Amount in Rs.
Table A- 2021-22 2022-23			
1.	Automobile Engineering (Chassis Team)	Mr. S. S. Mane	9,488/-
2.	Automobile Engineering (Chassis Team)	Mr. S. S. Mane	4,515/-
3.	Electrical Department (Charger)	Mr. Sachin. S. Kumbhar	3,911/-
4.	Mechanical Department (Breaking and Suspension System)	Mr. S. V. Kadam	11,180/-
5.	Mechanical Department (Suspension System)	Mr. S. V. Kadam	3240/-
6.	E&TC Department (Lane and Object detection system)	Mr. Randhir Patil	21,044/-
7.	Mechanical Department (Steering system & Wheels)	Mr. Shridhar S. Deshmukh	14,300/-
8.	Mechanical Department (Steering system & Wheels)	Mr. Shridhar S. Deshmukh	19,370/-
9.	Automobile Engineering (Seat Building)	Dr. Suraj G. Kumbhar	9,095/-
10.	CSE & CSIT (Software and Electronics system)	Mrs. Savita Patil and Mrs. V. C. Deshmukh	27,767/-
Total A-			1,23,910/-
Table B- 2022-23 2021-22			
11.	Battery, BLDC motor, KELLY 7218 Controller, Foot Throttle, Differential 48"	Marathe Eco Solutions	1,09,980/-
12.	Training and Development fess 50%	Marathe Eco Solutions	2,51,930/-
Total B-			3,61,910/-
Total A+B=			4,85,820/-
		819000	
		- 485820	
		<u>3,33,180</u>	

Total Expenditure from R&D Budget

Department- NETRA- RIT TBI

Automated Guided Vehicle (AGV) Project Expenditure Details

Rajarambapu Institute of Technology, Rajaramnagar