



# EXCÊL<sup>®</sup> ENGINEERING COLLEGE

Approved by AICTE, New Delhi & Affiliated with Anna University, Chennai - Accredited by NAAC  
Sponsored by SRET - Sri Rengaswamy Educational Trust, Komarapalayam

## RESEARCH POLICY

### Preamble

Excel Engineering College focuses on promoting Research Culture by complementing it with teaching – learning in which freedom of inquiry, thought, expression and publication are given the fullest protection.

### Research Policy of the College

The Research policy document presents broad principles that guide the research activities upholding the integrity of scholarly inquiry that helps the faculty and students in achieving excellence and contributing to the societal development.

### Aims and Objectives

The research policy aims to create and support a research culture among its staff and students and leverage it for enriching and enhancing the professional competence by:

1. Developing and promoting scientific temper and research aptitudes of all learners
2. Realizing the vision and mission of the college and facilitating their participation in research and related activities
3. Providing the required resources and appropriate facilities for smooth conduct of Research
4. Strengthen the institutional capacity for planning, budgeting and control all the research activities of the college
5. Fostering socially relevant research and promote multidisciplinary research
6. Developing rules, procedures and guidelines for granting research support, instituting awards and supporting all other research related activities
7. Guiding faculty members in the effective integration of research projects with the regular curriculum implementation and enrichment activities

NH-544, Salem Main Road, Pallakapalayam, Sankari West Post, Komarapalayam Taluk,  
Namakkal District - 637303, Tamil Nadu, INDIA, Mobile: +91 99656 41888, Tel: +91 4288 227361 to 68,  
E-mail: [principaleec@excelcolleges.com](mailto:principaleec@excelcolleges.com), Web: [www.excelinstitutions.com](http://www.excelinstitutions.com)

**Excellence in Professional Education**

8. Promoting interdisciplinary research and establish modalities for preparing and undertaking joint research projects covering more than one knowledge domain as well as policies for involving external agencies/experts in such projects
9. Identifying, collaborating and establishing linkages including MOUs with National/International/Govt./Non-Govt./ Industry/ Research organizations and Local agencies to benefit from the activities and programs conducted by those organizations for widening the scope of the research opportunities, obtaining sponsorships and funding options available.
10. Encouraging and facilitating the publication of the research work/projects in reputed academic journals
11. Serving as a facilitator to provide professional guidance, technical support and recommendation for financial assistance
12. To create awareness about patents and intellectual property rights and assists them in applying.
13. Compiling data on all the research work/projects undertaken by the teachers and students in to a database for easy monitoring and analysis of the progress being made by them from year to year.
14. Drawing and adopting a research code, which informs all researchers about the ethical and legal norms and principles to be followed in the conduct of research.
15. Preparing and implement a research quality assurance mechanism for ensuring that all research activities of the college conform to standard quality specifications
16. Seed Money scheme is introduced by the Management to impart research culture and to motivate faculty members and Students of each department for the Research Project works every year towards identifying and encouraging new innovations.

### Scope of the Research Policy

This policy shall apply to all the researchers of the college and for the purpose of this policy 'researchers' are defined to include.

- o All staff, who are active in teaching and research in the college
  - o All students registered with the college
  - o All mentors, guides, external experts associated with any of the research activities of the college.
1. Research activities including basic and applied research undertaken for fulfilling the requirements of academic degrees
  2. Scholarly activities intended to expand knowledge boundaries by analysis, synthesis and interpretation of ideas and information by making use of rigorous methodologies
  3. Knowledge compilation for academic developments in any knowledge domain such as writing of textbooks, chapters of textbooks or developing /updating curriculum, etc.
  4. Research projects of students undertaken as part of the curriculum or for enriching it.





# EXCEL ENGINEERING COLLEGE (Autonomous)

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KOMARAPALAYAM - 637303

## SANCTIONED SEED MONEY FOR 2022 - 23

Ref. No	Name of the Faculty	Title of The Project	Amount Sanctioned
01	Dr.G.Prakash	Prediction of myocardial infraction using machine learning algorithm	20,850
02	Dr.G.Prakash	A DC motor controlled injection system for minimizing patient Discomfort	21,750
03	Dr.Saroj Kumar Sah	Biological model of Pancreas for Diabetics type-1 mellitus	22,750
04	Dr.B.Balasubramanian	Calf muscle fatigue Prediction	23,500
05	Mrs.K.Rokini	Portable Lung capacity measuring device	23,650
06	Mrs.N.Mythily & Mr.S.Arunkumar	Textile Waste Water Treatment Using Artocarpus Heterophyllus Peel and Seed, Mimusops Elengi Fruit as Adsorbents	34,000
07	Mrs.M.Vaijyanthi	Design and Fabrication of Automatic Seed Sowing Machine	27,520
08	Mr.N.Naveen Mrs.S.Kiruthika	IOT Based Underground Cable Fault Detector	20,750
09	Mr.N.Naveen Mr.K.Jegadeesan	Web Based Facial Recognition Authentication System with Cyber Security	30,707
10	Ms.D.Mythili & Mrs.K.Poornima	Exploring the efficacy of the lime stabilized bricks:an experimental studies	30,000
11	M.Sambathkumar	Performance analysis of Solar collectors using Microchannel	20,000
12	Mr. M K Nageswaran	Stock market analysis and prediction using machine learning - random forest and HMM	20,000
13	Mr. M K Nageswaran	A comparative study of fake job post prediction using machine learning- KNN algorithm	20,000
14	Mr. M K Nageswaran	Data analysis of consumer complaints in banking industry using means clustering and sentiment analysis	20,000
15	Dr. M.P. Murugesan	IoT based milk quality maintaining and monitoring system for detection of milk quality using sensor	30000
16	Mr.S. P. Rajesh	Exotic fusion: Java, Jackfruit & Amla seed - Tea Powder Formulations	30000
17	Mr. M. Raja	Millet Based Aloe Vera Kulfi product development	20000

Ref. No	Name of the Faculty	Title of The Project	Amount Sanctioned
18	Mr. S. Tharani	Development and optimization of millet infused low glycemic ice cream with unique flavour	20000
19	V.Ramya	Amazon clone using React	25,000
20	V.Ramya	Tweet Based Bot Detection using Machine Learning	25,000
21	Mr.K.G.Arunkumar	Facial Feature Detection and Tracking	25,000
22	Mr.M.Sathishkumar	Introducing Comprehensive student networking and education management platform	25,000
23	Mr.A.Suresh Kumar	Sypher System Reinventing One Stop Solution For Patients Need	20,000
24	Mr.D.Logachandran	Design and Fabrication of Automatic Plant Watering System without using Microcontroller	23,450
25	Mr.N.Naveen Mrs.S.Mouna	IOT Automatic Irrigation System	20,250
26	Mr.M.Vadivel Mr.J.Balachander	Understanding Sign Language Processing using NLP	30,183
27	Ms.D.Mythili	Assessment of Urban River Water Quality Using Water Quality Index and Predictions Modelling Using ANN	20,000
28	P.Nithyanand	A Study of Solar plant energy Production and its performance	30,000
29	Mr.S.Rameshkumar	Development and Quality Evaluation of Bread Supplement with JackFruit Seed Flour	28,640
30	Mr.M.Tamilselvan	Design and CFD Analysis of Fertilizer Sprayer Nozzle	22,440
31	Mrs.N.Mythily	Experimental studies on Plastic Bricks	20,000
32	Dr.G.Vijayakumar	Sensor Based Sugarcane Bagasse Moisture Control in Sugar Industries	24,500
33	Mr.V.R.Vellingiri	Design and fabrication of Mini Agricultural Oxen (Mini Juggler)	32,050
34	Mr.V.Bharath	Automation of Baler Roller Chamber Opening	30,990
35	Mr.C.Manoj Prabhu	Study of Perspective Evaluation in Transforming Food Process Industry Wastage into Eco Friednly Bio-Ethanol	20,790
36	Mrs.G.Kiruthiga	A study on employee work life balance at bee vee impex.	30,000
37	Mr.A.M.Mohammed Musthabba	A study on employee retention at integra software services	Rs.40,000/-
38	Mr.A.M.Mohammed Musthabba R.Mohanasundaram	A study on employee satisfaction at malabar medical college & research centre,	Rs.40,000/-

Ref. No	Name of the Faculty	Title of The Project	Amount Sanctioned
39	Dr K.Tamilarasi	Design of Shield morden Pelletizers for over and underflow control in industry using IoT	20,000
40	Mr P.Loganathan	Harnessing the power of IoT for wireless vehicle charging	30,000
41	Mr N.Rajagopalakrishnan	PLC based automation of filter section for water treatment plant using IoT	20,000
42	Ms A.Anitharani	IoT based Plant Disease identification in agriculture automation	20,000
43	Mr.M.Vadive IMr.K.Ashokkumar	IOT Based Borewell Monitoring System using Ultrasonic Sensor	31,250
44	Mr.M.Sanjay,	Experimental investigation of ECM process parameters in ceramics metal matrix composite	30,000
45	Mr.S.Karthik,	Experimental investigation of EDM process parameters in ceramic metal matrix composite	30,000
46	Mr.S R Arun,	Authoring and illustration garroter maintenance manual	30,000
47	Mr.S.Balasundaram	Design & fabrication of drone for powerline inspection & monitoring.	30,000
48	Dr.P.KARUNAKARAN	Drilling hole analysis of composit materials	30,000
49	Mr.N.Sreenivasaraja,	Application investigation of glass fiber with fly ash	20,000
50	Mr.G.Velmurugan,	Machining characteristics of composite materials	30,000
51	Dr.R.Geetha	Automated medical waste Segregation conveyor system	20,000
52	N.Selvakumar	Design and Performance study of Solar powered Electric bike	30,000
53	N.Nandha Kumar	IOT enhanced underwater vehicle for environmental assessment	20,000
<b>Total</b>			<b>12,80,020</b>

  
 12/07/23  
**Principal**



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Recognized by UGC (2f & 12B)

**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
Principal

Ref: EEC / R&D / SMA / 2022-23 / 01

24.06.2022

To

**Dr.G.Prakash,**  
Associate Professor,  
Department of Electronics and Communication Engineering,  
Excel Engineering College,  
Namakkal.

Dear Sir,

Sub: Sanction of Seed Money for Project Proposal-Reg.

Ref: EEC/R&D/SMR /2022-23 /03

This is to inform that your Project Proposal entitled “**Prediction of Myocardial Infraction Using Machine Learning Algorithm**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,850/- (Twenty Thousand Eight Hundred Fifty only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
Principal

Copy to

1. The Concerned Faculty members,
2. The Concerned HOD,
3. Institute R&D Coordinator,
4. Finance Section,
5. Office File



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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA /2022-23 / 02**

**24.06.2022**

**To**

**Dr.G.Prakash,**  
Associate Professor,  
Department of Electronics and Communication Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal-Reg.

Ref: EEC/R&D/SMR /2022-23 /07

This is to inform that your Project Proposal entitled “**A DC Motor Controlled Injection System for Minimizing Patient Discomfort**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 21,750/- (TwentyOne Thousand Seven HundredFifty only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

**Copy to**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
Principal

Ref: EEC / R&D / SMA /2022-23 / 03

24.06.2022

To

**Dr.Saroj Kumar Sah,**  
Assistant Professor,  
Department of Biomedical Engineering,  
Excel Engineering College,  
Namakkal.

Dear Sir,

Sub: Sanction of Seed Money for Project Proposal-Reg.

Ref: EEC/R&D/SMR /2022-23 /09

This is to inform that your Project Proposal entitled "**Biological Model of Pancreas for Diabetics Type-1 Mellitus**" submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 22,750/- (TwentyTwo Thousand Seven HundredFifty only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
24/06/22  
Principal

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA /2022-23 / 04**

**24.06.2022**

**To**

**Dr.B.Balasubramanian,**  
Professor,  
Department of Biomedical Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal-Reg.

Ref: EEC/R&D/SMR /2022-23 /11

This is to inform that your Project Proposal entitled “**Calf Muscle Fatigue Prediction**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 23,500/- (TwentyThree Thousand FiveHundredonly)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA /2022-23 / 05**

**24.06.2022**

**To**

**Mrs.K.Rokini,**  
Assistant Professor,  
Department of Biomedical Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal-Reg.

Ref: EEC/R&D/SMR /2022-23 /12

This is to inform that your Project Proposal entitled "**Portable Lung Capacity Measuring Device**" submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 23,650/- (TwentyThree Thousand Six Hundred Fifty only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA /2022-23 / 06**

**01.08.2022**

**To**

**Mrs.N.Mythily & Mr.S.Arunkumar,**  
Assistant Professor,  
Department of Civil Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal-Reg.

Ref: EEC/R&D/SMR /2022-23 /15

This is to inform that your Project Proposal entitled "**Textile Waste Water Treatment Using Artocarpus Heterophyllus Peel and Seed, Mimusops Elengi Fruit as Adsorbents**" submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 34,000/- (ThirtyFourThousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA /2022-23 / 07**

**01.09.2022**

**To**

**Mrs.M.Vaijyanthi,**  
Assistant Professor,  
Department of Agricultural Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal-Reg.

Ref: EEC/R&D/SMR /2022-23 /17

This is to inform that your Project Proposal entitled “**Design and Fabrication of Automatic Seed Sowing Machine**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 27,520/- (TwentySeven Thousand Five Hundred Twenty only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**

**Principal**

**Ref: EEC / R&D / SMA /2022-23 / 08**

**22.09.2022**

**To**

**Mr.N.Naveen & Mrs.S.Kiruthika,**

Assistant Professor,

Department of Information Technology,

Excel Engineering College,

Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal-Reg.

Ref: EEC/R&D/SMR /2022-23 /18

This is to inform that your Project Proposal entitled “**IOT Based Underground Cable Fault Detector**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,750/- (Twenty Thousand Seven Hundred Fifty only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
22/09/22  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**

**Principal**

**Ref: EEC / R&D / SMA /2022-23 / 09**

**22.09.2022**

**To**

**Mr.N.Naveen & Mrs.S.Kiruthika,**

Assistant Professor,

Department of Information Technology,

Excel Engineering College,

Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal-Reg.

Ref: EEC/R&D/SMR /2022-23 /20

This is to inform that your Project Proposal entitled “**Web Based Facial Recognition Authentication System with Cyber Security**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 30,707/- (Thirty Thousand Seven Hundred Seven only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**

**Principal**

**Ref: EEC / R&D / SMA /2022-23 / 10**

**22.09.2022**

**To**

**Ms.D.Mythili & Mrs.K.Poornima,**

Assistant Professor,

Department of Civil Engineering,

Excel Engineering College,

Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal-Reg.

Ref: EEC/R&D/SMR /2022-23 /23

This is to inform that your Project Proposal entitled “**Exploring the Efficacy of the Lime Stabilized Bricks:An Experimental Studies**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 30,000/- (ThirtyThousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
Principal

Ref: EEC / R&D / SMA / 2022-23 / 11

19.10.2022

To

**Mr. M.Sambathkumar,**  
Assistant Professor,  
Department of Mechanical Engineering,  
Excel Engineering College,  
Namakkal.

Dear Sir,

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC/R&D/SMR /2022-23 /24

This is to inform that your Project Proposal entitled “**Performance analysis of Solar collectors using Microchannel**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,000/- (Twenty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 12**

**20.10.2022**

**To**


**Mr. M.K.Nageswaran,**  
Assistant Professor,  
Department of Master of Computer Applications,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 27

This is to inform that your Project Proposal entitled "**Stock Market Analysis and Prediction Using Machine Learning - Random Forest and HMM**" submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,000/- (Twenty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 13**

**20.10.2022**

**To**

**Mr. M.K.Nageswaran,**  
Assistant Professor,  
Department of Master of Computer Applications,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 29

This is to inform that your Project Proposal entitled “**A Comparative Study of Fake Job Post Prediction Using Machine Learning- KNN Algorithm**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,000/- (Twenty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

**Copy to**

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2. The Concerned HOD,
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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 14**

**20.10.2022**

**To**

**Mr. M.K.Nageswaran,**  
Assistant Professor,  
Department of Master of Computer Applications,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 30

This is to inform that your Project Proposal entitled “**Data Analysis of Consumer Complaints in Banking Industry Using Means Clustering and Sentiment Analysis**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,000/- (Twenty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
Principal

Ref: EEC / R&D / SMA / 2022-23 / 15

10.11.2022

To

**Dr.M.P.Murugesan,**  
Assistant Professor,  
Department of Food Technology,  
Excel Engineering College,  
Namakkal.

Dear Sir,

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 32

This is to inform that your Project Proposal entitled “**IoT based milk quality maintaining and monitoring system for detection of milk quality using sensor**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 30,000/- (Thirty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 16**

**10.11.2022**

**To**

**Mr. S. P. Rajesh,**  
Assistant Professor,  
Department of Food Technology,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 33

This is to inform that your Project Proposal entitled “**Exotic Fusion: Java, Jackfruit & Amla seed - Tea Powder Formulations**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 30,000/- (Thirty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**

**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 17**

**10.11.2022**

**To**

**Mrs. M.Raja,**

Assistant Professor,

Department of Food Technology,

Excel Engineering College,

Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 35

This is to inform that your Project Proposal entitled “**Millet Based Aloe Vera Kulfi product development**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,000/- (Twenty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 18**

**10.11.2022**

**To**

**Mr.S. Tharani,**  
Assistant Professor,  
Department of Food Technology,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 37

This is to inform that your Project Proposal entitled “**Development and optimization of millet infused low glycemic ice cream with unique flavor**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,000/- (Twenty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 19**

**16.11.2022**

**To**

**Mrs. V.Ramya,**  
Assistant Professor,  
Department of Computer Science and Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 40

This is to inform that your Project Proposal entitled "**Amazon clone using React**" submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 25,000/- (TwentyFiveThousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 20**

**16.11.2022**

**To**

**Mrs. V.Ramya,**  
Assistant Professor,  
Department of Computer Science and Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 41

This is to inform that your Project Proposal entitled “**Tweet Based Bot Detection using Machine Learning**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 25,000/- (TwentyFive Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
16/11/22  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 21**

**16.11.2022**

**To**

**Mr.K.G.Arunkumar,**  
Assistant Professor,  
Department of Computer Science and Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC/R&D/SMR /2022-23 /44

This is to inform that your Project Proposal entitled “**Facial Feature Detection and Tracking**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 25,000/- (Twenty Five Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 22**

**16.11.2022**

**To**

**Mr.M.Sathishkumar,**  
Assistant Professor,  
Department of Electronics and Communication Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 45

This is to inform that your Project Proposal entitled “**Introducing Comprehensive student networking and education management platform**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 25,000/- (Twenty Five Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
16/11/22  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 23**

**16.11.2022**

**To**

**Mr.A.Suresh Kumar,**  
Assistant Professor,  
Department of Computer Science and Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 49

This is to inform that your Project Proposal entitled “**Sypher System Reinventing One Stop Solution For Patients Need**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,000/- (Twenty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 24**

**01.01.2023**

**To**


**Mr.D.Logachandran,**  
Assistant Professor,  
Department of Agricultural Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 50

This is to inform that your Project Proposal entitled "**Design and Fabrication of Automatic Plant Watering System without using Microcontroller**" submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 23,450/- (TwentyThree Thousand Four Hundred Fiftyonly)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**

**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 25**

**13.01.2023**

**To**

**Mr.N.Naveen & Mrs.S.Mouna,**

Assistant Professor,

Department of Information Technology,

Excel Engineering College,

Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 52

This is to inform that your Project Proposal entitled “**IOT Automatic Irrigation System**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,250/- (Twenty Thousand Two Hundred Fiftyonly)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 26**

**13.01.2023**

**To**


**Mr.M.Vadivel & Mr.J.Balachander,**  
Assistant Professor,  
Department of Information Technology,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 53

This is to inform that your Project Proposal entitled “**Understanding Sign Language Processing using NLP**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 30,183/- (Thirty Thousand One Hundred EightyThirdonly)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 27**

**13.01.2023**

**To**

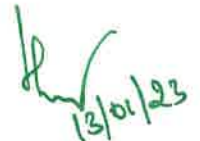
**Ms.D.Mythili,**  
Assistant Professor,  
Department of Civil Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 55

This is to inform that your Project Proposal entitled "**Assessment of Urban River Water Quality Using Water Quality Index and Predictions Modelling Using ANN**" submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,000/- (Twenty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
13/01/23  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 28**

**13.01.2023**

**To**

**Mr. P.Nithyanand,**  
Assistant Professor,  
Department of Mechanical Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 56

This is to inform that your Project Proposal entitled "A Study of Solar plant energy Production and its performance" submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 30,000/- (Thirty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 29**

**01.02.2023**

**To**

**Mr.S.Rameshkumar,**  
Assistant Professor,  
Department of Agricultural Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 57

This is to inform that your Project Proposal entitled “**Development and Quality Evaluation of Bread Supplement with Jackfruit Seed Flour**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 28,640/- (Twenty-Eight Thousand Six Hundred Forty only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 30**

**01.02.2023**

**To**

**Mr.M.Tamilselvan,**  
Assistant Professor,  
Department of Agricultural Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 58

This is to inform that your Project Proposal entitled “**Design and CFD Analysis of Fertilizer Sprayer Nozzle**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 22,440/- (Twenty-Two Thousand Four Hundred Forty only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 31**

**03.02.2023**

**To**


**Mrs.N.Mythily,**  
Assistant Professor,  
Department of Civil Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC/R&D/SMR /2022-23 /60

This is to inform that your Project Proposal entitled “**Experimental studies on Plastic Bricks**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,000/- (Twenty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

**Copy to**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
Principal

Ref: EEC / R&D / SMA / 2022-23 / 32

01.03.2023

To

**Dr.G.Vijayakumar,**  
Associate Professor,  
Department of Agricultural Engineering,  
Excel Engineering College,  
Namakkal.

Dear Sir,

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 63

This is to inform that your Project Proposal entitled “**Sensor Based Sugarcane Bagasse Moisture Control in Sugar Industries**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 24,500/- (Twenty-Four Thousand Five only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
01/03/23  
Principal

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
Principal

Ref: EEC / R&D / SMA / 2022-23 / 33

01.04.2023

To

**Mr.V.R.Vellingiri,**  
Assistant Professor,  
Department of Agricultural Engineering,  
Excel Engineering College,  
Namakkal.

Dear Sir,

Sub: Sanction of Seed Money for Project Proposal - Reg.  
Ref: EEC / R&D / SMR / 2022-23 / 64

This is to inform that your Project Proposal entitled "**Sypher System Reinventing One Stop Solution For Patients Need**" submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 32,050/- (ThirtyTwo Thousand Fiftyonly)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 34**

**01.04.2023**

**To**

**Mr.V.Bharath,**  
Assistant Professor,  
Department of Agricultural Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 65

This is to inform that your Project Proposal entitled "**Automation of Baler Roller Chamber Opening**" submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 30,990/- (Thirty Thousand Nine Hundred Ninety only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
Principal

Ref: EEC / R&D / SMA / 2022-23 / 35

01.04.2023

To

**Mr.C.Manoj Prabhu,**  
Assistant Professor,  
Department of Agricultural Engineering,  
Excel Engineering College,  
Namakkal.

Dear Sir,

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 66

This is to inform that your Project Proposal entitled "**Study of Perspective Evaluation in Transforming Food Process Industry Wastage into EcoFriendly Bio-Ethanol**" submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,790/- (Twenty Thousand Seven Hundred Ninety only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
01/04/23  
Principal

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**

**Principal**

Ref: EEC / R&D / SMA / 2022-23 / 36

01.04.2023

To

**Mrs.G.Kiruthiga,**

Assistant Professor,

Department of Master of Business Administration,

Excel Engineering College,

Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 69

This is to inform that your Project Proposal entitled "A Study on Employee Work Life Balance at Bee Vee Impex" submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 30,000/- (Thirty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
Principal

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 37**

**01.04.2023**

**To**

**Mr.A.M.Mohammed Musthabba,**  
Assistant Professor,  
Department of Master of Business Administration,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 70

This is to inform that your Project Proposal entitled “**A Study on Employee Retention at Integra Software Services**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 40,000/- (Forty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 38**

**01.04.2023**

**To**

**Mr.A.M.Mohammed Musthabba & R.Mohanasundaram,**  
Assistant Professor,  
Department of Master of Business Administration,,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 71

This is to inform that your Project Proposal entitled "A Study on Employee Satisfaction at Malabar Medical College & Research Centre" submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 40,000/- (Forty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
Principal

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 39**

**19.05.2023**

**To**

**Dr K.Tamilarasi,**  
Assistant Professor,  
Department of Electronics and Communication Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 72

This is to inform that your Project Proposal entitled “**Design of Shield morden Pelletizers for over and underflow control in industry using IoT**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,000/- (Twenty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
Principal

Ref: EEC / R&D / SMA / 2022-23 / 40

19.05.2023

To

**Mr P.Loganathan,**  
Assistant Professor,  
Department of Electronics and Communication Engineering,  
Excel Engineering College,  
Namakkal.

Dear Sir,

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 74

This is to inform that your Project Proposal entitled "**Harnessing the power of IoT for wireless vehicle charging**" submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 30,000/- (Thirty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
Principal

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 41**

**19.05.2023**

**To**

**Mr N.Rajagopalakrishnan,**  
Assistant Professor,  
Department of Electronics and Communication Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC/R&D/SMR /2022-23 /75

This is to inform that your Project Proposal entitled “**PLC based automation of filter section for water treatment plant using IoT**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,000/- (Twenty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**

**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 42**

**19.05.2023**

**To**

**Ms A.Anitharani,**

Assistant Professor,

Department of Electronics and Communication Engineering,

Excel Engineering College,

Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 78

This is to inform that your Project Proposal entitled “**IoT based Plant Disease identification in agriculture automation**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,000/- (Twenty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**

**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 43**

**19.05.2023**

**To**

**Mr.M.Vadivel&.K.Ashokkumar,**

Assistant Professor,

Department of Information Technology,

Excel Engineering College,

Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 79

This is to inform that your Project Proposal entitled “**IOT Based Borewell Monitoring System using Ultrasonic Sensor**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 31,250/- (Thirty-One Thousand Two Hundred Fifty only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 44**

**19.05.2023**

**To**

**Mr.M.Sanjay,**  
Assistant Professor,  
Department of Aeronautical Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 82

This is to inform that your Project Proposal entitled “**Experimental Investigation of Ecm Process Parameters In Ceramics Metal Matrix Composite**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 30,000/- (Thirty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**

**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 45**

**19.05.2023**

**To**

**Mr.S.Karthik,**

Assistant Professor,

Department of Aeronautical Engineering,

Excel Engineering College,

Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 84

This is to inform that your Project Proposal entitled “**Experimental Investigation of EDM Process Parameters in Ceramic Metal Matrix Composite**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 30,000/- (Thirty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 46**

**19.05.2023**

**To**

**Mr.S R Arun,**  
Assistant Professor,  
Department of Aeronautical Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 85

This is to inform that your Project Proposal entitled “**Authoring and Illustration Garroter Maintenance Manual**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 30,000/- (Thirty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
Principal

Ref: EEC / R&D / SMA / 2022-23 / 47

19.05.2023

To

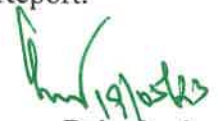
**Mr.S.Balasundaram,**  
Assistant Professor,  
Department of Aeronautical Engineering,  
Excel Engineering College,  
Namakkal.

Dear Sir,

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 86

This is to inform that your Project Proposal entitled “**Design & Fabrication of Drone for Powerline Inspection & Monitoring**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 30,000/- (Thirty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
Principal

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
Principal

Ref: EEC / R&D / SMA / 2022-23 / 48

19.05.2023

To

**Dr.P.Karunakaran,**  
Professor,  
Department of Aeronautical Engineering,  
Excel Engineering College,  
Namakkal.

Dear Sir,

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 87

This is to inform that your Project Proposal entitled “**Drilling Hole Analysis of Composite Materials**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 30,000/- (Thirty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
Principal

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 49**

**19.05.2023**

**To**

**Mr.N.Sreenivasaraja,**  
Assistant Professor,  
Department of Aeronautical Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 91

This is to inform that your Project Proposal entitled "**Application Investigation of Glass Fiber with Fly Ash**" submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,000/- (Twenty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

**Copy to**

1. The Concerned Faculty members,
2. The Concerned HOD,
3. Institute R&D Coordinator,
4. Finance Section,
5. Office File



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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 50**

**19.05.2023**

**To**

**Mr.G.Velmurugan,**  
Assistant Professor,  
Department of Aeronautical Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 93

This is to inform that your Project Proposal entitled “**Machining Characteristics Of Composite Materials**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 30,000/- (Thirty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 51**

**19.05.2023**

**To**

**Mrs.R.Geetha,**  
Assistant Professor,  
Department of Biomedical Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 95

This is to inform that your Project Proposal entitled “**Automated Medical Waste Segregation Conveyor System**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,000/- (Twenty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 52**

**19.05.2023**

**To**

**Mr. N.Selvakumar,**  
Assistant Professor,  
Department of Mechanical Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 97

This is to inform that your Project Proposal entitled "**Design and Performance study of Solar powered Electric bike**" submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 30,000/- (Thirty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
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**Dr.K.Bommanna Raja, B.E., M.Tech., Ph.D.,**  
**Principal**

**Ref: EEC / R&D / SMA / 2022-23 / 53**

**19.05.2023**

**To**

**Mr. N.Nandha Kumar,**  
Assistant Professor,  
Department of Mechanical Engineering,  
Excel Engineering College,  
Namakkal.

**Dear Sir,**

Sub: Sanction of Seed Money for Project Proposal - Reg.

Ref: EEC / R&D / SMR / 2022-23 / 98

This is to inform that your Project Proposal entitled “**IOT Enhanced Underwater Vehicle for Environmental Assessment**” submitted was taken up for evaluation by the research committee. Based on the research committee recommendation, the management has Sanctioned a Seed Money of **Rs. 20,000/- (Twenty Thousand only)** to carry out the project work. The Research committee expects that the completed project as per schedule and has to update the progress of the project to the Research Committee periodically and submit the Project Completion Report.

  
**Principal**

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