



3.1.2 The amount of seed money provided by the institution to its teachers for research during the year

S.No	Name of the teacher provided with seed money	Title	Page No:
1	Dr. Kranthi Kumar Gangu Dr. T. Satya Guru	Design and synthesis of Nano carbon impregnated Metal-Organic Framework (MOF) materials for hydrogen storage	5
2	Dr. B. Dhana Lakshmi	Bismuth ferrite, cobalt ferrite and barium titanate (Bi-Co Ba) based tri-phase multiferroic composites for magnetostriuctive torque sensor applications	6
3	Dr. T Satya Guru	Assessment Of Photocatalytic Efficiency Of Metal (Manganese, Chromium, Yttrium And Dysprosium) / Non-Metal (Boron And Iodine) Codoped Titania On Pesticides And Dyes Degradation, In Presence Of Visible Light	7
4	Dr Subhash Chandra	Development of biomass-based biochar double-hydroxide composite material for the adsorptive removal of Cr (VI) from water and wastewater	8
5	Dr Pritam Hait	Investigation of mechanical properties of ultra-high performance fibre reinforced brick wall	9
6	Dr. Hemanta Kumar Sahu	To design a prototype model which is an intelligent alert system for smart dustbin	10
7	Mrs.Y.Sukanya	For implementation of antennas in Antenna Research Laboratory required set of components like drill bits and substrate materials, connectors and other consumables	11
8	Dr. Rohan Prasad	Design of high data rate wireless communication system with CSI based precoder at transmitter	12
9	Dr. Sourav Roy	Design and Analysis of Wearable body implantable antenna for Defence Application	13

10	Dr. K. S. Raghuram	To develop a Polymer Matrix Composite material from the sea shell material of crabs by giving value addition to the waste	14
11	Dr. Girish E. Bhiogade	Investigations on SCCI Engine using butanol diesel blend	15
12	Dr T Archana Acharya	Digital Transition Through Financial Literacy And Financial Inclusion	16
13	Dr. B Sateesh Mr. Brajesh Kumar	Optimization of energy efficiency of Solar PV system for no tracking and single-axis tracking	17
14	Mrs.K.Lakshmi	Design and Development of RF Energy Harvesting System	18
15	Dr.G.Yoganjeynulu	Investigation on turning process performance using hybrid-textured tools under dry and conventional cooling environment	19
16	Dr.N.Tirupathi Rao, Mr.B.Dinesh Reddy	An intelligent traffic light controller (TLC) system using IoT mode	20
17	Mr.A.Sampath Dakshina Murthy	Clinical model machine learning for gait observation cardiovascular disease diagnosis	21
18	Mr.R.Rudhrabhiramu	Study of Thermal Characteristics Augmentation of the Aluminium Oxide Nano Fluid with Different Base Fluids	22
19	Dr.L.V.Venugopala Rao	Optimal response of half car vehicle model with sky-hook damper using LQR with look ahead preview control”	23
20	Mrs.R.Umamaheswari	Optimization of number of base station antennas in downlink massive MIMO and analysis of imperfect channel state information by perfection factor	24
21	Mrs.K.K.Deepika	Enhancement of voltage regulation using a 7-level inverter based electric spring with reduced number of switches	25
22	Dr.T.V.Madhusudhana Rao	Iridology based vital organs malfunctioning identification using machine learning techniques	26
23	Dr.V.S.V. Satyanarayana	Passive suspension optimization of a quarter car using preview control with the spectral decomposition method	27

24	Mr.D.Madhusudhan	High gain switched beam Yagi-Uda antenna for millimeter wave communications	28
25	Dr.MPVV Bhaskar Rao	achs universe with dark energy fluid and massive scalar field	29
26	Dr.K.Srinivas Naik	V band frequency reconfigurable antenna for millimeter wave applications	30
27	Mrs.Auadathi Datta	A comparative assessment on implementation of human resource development practices impact on employee productivity in public and private banks-an empirical study on banks in India	31
28	Mr.V.Sivaji	A study on public assistance and its impact on women workers for achieving work life balance with reference to it sector	32
29	Mr.Ch.Sekhar	Predictive model for abnormality in blood pressure	33
30	Ms.B.Jyothi	Power quality improvement of wind and solar hybrid energy sources interface to the grid using upqc	34
31	Mr.T.Rajesh	A novel reconfigurable G shaped patch antenna for wireless IoT applications using BAR64-02W PIN diode	35
32	Mr.B.Sominaidu	Construction of small twin reverberation chamber for measurement of sound transmission loss	36
33	Dr.NVS Shankar	A case study of service firm to optimize the cycle time – advanced lean techniques to design plant layout	37
34	Mrs. M.Leela Priyanka	Establishing the need for rural road development using QGIS and its estimation	38
35	Mr.B.Brahmaih	Strength analysis and validation of recycled aggregate concrete	39
36	Mr.K.Srinivas	Experimental analysis on modulus of elasticity of slag based concrete	40
37	Mrs.S.Kranthi Vijaya	Behaviour of M60 grade concrete by partial replacement of cement with fly ash, rice husk ash and silica fume	41
38	Mr.M.Padmakar	Characteristic compressive strength of a geo polymer concrete	42
39	Mrs.G.Himabindhu	Performance Analysis of DYMO and LAR in Grid and Random Environments	43

40	Mr.R.Sundar Ramam	Design and Fabrication of Small-Scale Automatic Stamping Machine	44
41	Dr.S.Rambabu	Design and Simulation of Porous Ti-6Al-4V Alloy Structures for Additive Manufacturing of Bio implants	45
42	Dr.Ch.Gangu Naidu	HPLC Bioassay of Elvitegravir using a Molecularly Imprinted Polymer Based Solid Phase Extraction in RAT Plasma: Application to Pharmacokinetic Studies	46
43	Dr.B.Prasada Rao	Exhaust emission characteristics of a three-wheeler auto diesel engine fueled with pongamia, mahua and jatropha biodiesels	47
44	Dr.R.S.Ravishankar	Adaptive hysteresis band current control of grid connected PV inverter	48
45	Dr.R.Hanumantha Rao	Microhardness and SHG efficiency of pure and picric acid-added KDP crystals	49



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Proceedings of Seed Money Grant

Date: 28/08/2020

Letter No: VIIT/R&D/SM/2020/08/01

Ref: Approval of the committee, Dated 21/08/2020

To

Dr. Kranthi Kumar Gangu,
Assistant Professor,
Department of Basic Science & Humanities,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Design and synthesis of nanocarbon impregnated Metal-Organic Framework (MOF) materials for hydrogen storage**", Worth of Rs.1,00,000/- for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards,


Dean R&D




Principal

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Rectors' Office,
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Proceedings of Seed Money Grant

Letter No: VIIT/R&D/SM/2020/08/02

Date:28/08/2020

Ref: Approval of the committee, Dated 21/08/2020

To

Dr. B.Dhanalakshmi,
Assistant Professor,
Department of Basic Science & Humanities,
VIIT (A).

Sub: VIIT - R & D - Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Bismuth ferrite, cobalt ferrite and barium titanate (Bi-Co Ba) based tri-phase multiferroic composites for magnetostriuctive torque sensor applications**", Worth of Rs.1,00,000/- for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



Principal

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Rectors' Office,
E.D.s' Office,
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Proceedings of Seed Money Grant

Date: 28/08/2020

Letter No: VIIT/R&D/SM/2020/08/03

Ref: Approval of the committee, Dated 21/08/2020

To

Dr. T Satya Guru,
Associate Professor,
Department of Basic Science & Humanities,
VIIT (A).

Sub: VIIT - R & D - Seed Grant approval - sanction order - Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "Assessment Of Photocatalytic Efficiency Of Metal (Manganese, Chromium, Yttrium And Dysprosium) / Non-Metal (Boron And Iodine) Codoped Titania On Pesticides And Dyes Degradation, In Presence Of Visible Light", Worth of Rs.90,000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D

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Copy to
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Rectors' Office,
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Proceedings of Seed Money Grant

Date:28/08/2020

Letter No: VIIT/R&D/SM/2020/08/04

Ref: Approval of the committee, Dated 21/08/2020

To

Dr. Subash Chandra,

Assistant Professor,

Department of Civil Engineering,

VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -amount - sanction order-Issued

Ref: The amount reported for the proposal of seed money of faculty member concerned date 21.08.2020 as per approval.

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Development of biomass-based biochar double-hydroxide composite material for the adsorptive removal of Cr (VI) from water and wastewater**", Worth of Rs.1,00,000/- for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



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Copy to

Dr Subhash Chandra,

HOD- CE,

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Proceedings of Seed Money Grant

Date: 28/08/2020

Letter No: VIIT/R&D/SM/2020/08/05

Ref: Approval of the committee, Dated 21/08/2020

To

Dr.Pritam Hait,
Assistant Professor,
Department of Civil Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Investigation of mechanical properties of ultra-high performance fibre reinforced brick wal**", Worth of Rs.1,00,000/- for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D

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HOD - CIVIL.,
Rectors' Office,
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Proceedings of Seed Money Grant

Letter No: VIIT/R&D/SM/2020/08/06

Date:28/08/2020

Ref: Approval of the committee, Dated 21/08/2020

To

Dr. Hemanta Kumar Sahu,
Assistant Professor,
Department of Electronics and Computer Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project **"To design a prototype model which is an intelligent alert system for smart dustbin"**, Worth of Rs.1,00,000/- for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

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Proceedings of Seed Money Grant

Date:28/08/2020

Letter No: VIII/R&D/SM/2020/08/07

Ref: Approval of the committee, Dated 21/08/2020

To

Mrs.Y.Sukanya,
Assistant Professor,
Department of Electronics and Communication Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project **"For implementation of antennas in Antenna Research Laboratory required set of components like drill bits and substrate materials, connectors and other consumables"**, Worth of Rs.30,000/- for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D

Principal

Copy to

Mrs.Y.Sukanya & Mrs.P.Suneetha
HOD - ECE,
Rectors' Office,
E.D.s' Office,
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Date: 28/08/2020

Letter No: VIIT/R&D/SM/2020/08/08

Ref: Approval of the committee, Dated 21/08/2020

To

Dr. Rohan Prasad,
Assistant Professor,
Department of Electronics and Communication Engineering,
VIIT (A).

Sub: VIIT - R & D - Seed Grant approval - sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "Design of high data rate wireless communication system with CSI based precoder at transmitter", Worth of Rs.1,00,000/- for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

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Copy to
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Rectors' Office,
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Date:28/08/2020

Letter No: VIIT/R&D/SM/2020/08/09

Ref: Approval of the committee, Dated 21/08/2020

To

Dr. Sourav Roy,
Assistant Professor,
Department of Electronics & Communication Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Design and Analysis of Wearable body implantable antenna for Defence Application**", Worth of Rs.1,00,000/- for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



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Letter No: VIIT/R&D/SM/2020/08/10

Date:28/08/2020

Ref: Approval of the committee, Dated 21/08/2020

To

Dr. K. S. Raghuram,
Associate Professor,
Department of Mechanical Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "To develop a Polymer Matrix Composite material from the sea shell material of crabs by giving value addition to the waste", Worth of Rs.60,000/- for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

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Proceedings of Seed Money Grant

Date: 28/08/2020

Letter No: VIII/R&D/SM/2020/08/11

Ref: Approval of the committee, Dated 21/08/2020

To

Dr. Girish E. Bhiogade,
Assistant Professor,
Department of Mechanical Engineering,
VIII (A).

Sub: VIII - R & D - Seed Grant approval - sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Investigations on SCCI Engine using butanol diesel blend**", Worth of Rs.1,00,000/- for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

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Proceedings of Seed Money Grant

Date:28/08/2020

Letter No: VIII/R&D/SM/2020/08/12

Ref: Approval of the committee, Dated 21/08/2020

To

Dr T Archana Acharya,
Associate Professor,
Department of MBA,
VIII (A).

Sub: VIII -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Digital Transition Through Financial Literacy And Financial Inclusion**", Worth of Rs.50,000/- for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

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E.D.s' Office,
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Proceedings of Seed Money Grant

Date:04/09/2020

Letter No: VIIT/R&D/SM/2020/09/13

Ref: Approval of the committee, Dated 28/08/2020

To

Dr. B Sateesh,
Professor,
Department of Mechanical Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Optimization of energy efficiency of Solar PV system for no tracking and single-axis tracking**", Worth of Rs.1,00,000/- for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



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Dr. B Sateesh & Mr. Brajesh Kumar,
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Rectors' Office,
E.D.s' Office,
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Proceedings of Seed Money Grant

Date:04/09/2020

Letter No: VIIT/R&D/SM/2020/09/14

Ref: Approval of the committee, Dated 28/08/2020

To

Mrs.K.Lakshmi,
Assistant Professor,
Department of Electronics and Communication Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval - sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Design and Development of RF Energy Harvesting System**", Worth of Rs.30.000/- for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards,

Dean R&D



Principal

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VIGNAN'S INSTITUTE OF
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Beside: VSEZ, Duwada, Visakhapatnam-49

Copy to
K.Lakshmi, K.Swathi. & E.Lavanya.
HOD - ECE.
Rectors' Office.
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Proceedings of Seed Money Grant

Date:04/09/2020

Letter No: VIIT/R&D/SM/2020/09/15

Ref: Approval of the committee, Dated 28/08/2020

To

Dr.G.Yoganjeynulu,
Assistant Professor.
Department of Mechanical Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval - sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Investigation on turning process performance using hybrid-textured tools under dry and conventional cooling environment**", Worth of Rs.85,000/- for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



Principal

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Dr.G.Yoganjeynulu,
HOD - MECH,
Rectors' Office,
E.D.s' Office,
Principal's Office.



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Proceedings of Seed Money Grant

Letter No: VIIT/R&D/SM/2020/09/16

Date:04/09/2020

Ref: Approval of the committee, Dated 28/08/2020

To

Dr.N.Tirupathi Rao,
Associate Professor,
Department of Computer Science & Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**An intelligent traffic light controller (TLC) system using iot mode**", Worth of Rs.40, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D

Principal



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VIGNAN'S INSTITUTE OF
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Dr.N.Tirupathi Rao,
HOD - CSE,
Rectors' Office,
E.D.s' Office,
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Proceedings of Seed Money Grant

Letter No: VIIT/R&D/SM/2020/09/17

Date:04/09/2020

Ref: Approval of the committee, Dated 28/08/2020

To

Mr.A.Sampath Dakshina Murthy,
Assistant Professor,
Department of Electronics & Communications Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Clinical model machine learning for gait observation cardiovascular disease diagnosis**", Worth of Rs.50, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



Principal

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Proceedings of Seed Money Grant

Letter No: VIIT/R&D/SM/2020/09/18

Date:04/09/2020

Ref: Approval of the committee, Dated 28/08/2020

To

Mr.R.Rudhrabhiramu,
Associate Professor,
Department of Mechanical Engineering,
VIIT (A).

Sub: VIIT - R & D - Seed Grant approval - sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Study of Thermal Characteristics Augmentation of the Aluminium Oxide Nano Fluid with Different Base Fluids**", Worth of Rs.60, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



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Proceedings of Seed Money Grant

Letter No: VIIT/R&D/SM/2020/09/19

Date:04/09/2020

Ref: Approval of the committee, Dated 28/08/2020

To

Dr.L.V.Venugopala Rao,
Associate Professor,
Department of Mechanical Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Optimal response of half car vehicle model with sky-hook damper using LQR with look ahead preview control**", Worth of Rs.55, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



Principal

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Proceedings of Seed Money Grant

Date:04/09/2020

Letter No: VIIT/R&D/SM/2020/09/20

Ref: Approval of the committee, Dated 28/08/2020

To

Mrs.R.Umamaheswari,
Associate Professor,
Department of Electronics & Communication Engineering,
VIIT (A).

Sub: VIIT - R & D - Seed Grant approval - sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Optimization of number of base station antennas in downlink massive MIMO and analysis of imperfect channel state information by perfection factor**", Worth of Rs.62,000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

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Proceedings of Seed Money Grant

Letter No: VIIT/R&D/SM/2020/09/21

Date:04/09/2020

Ref: Approval of the committee, Dated 28/08/2020

To

Mrs.K.K.Deepika,
Assistant Professor,
Department of Electrical & Electronics Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Enhancement of voltage regulation using a 7-level inverter based electric spring with reduced number of switches**", Worth of Rs.76, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

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Letter No: VIIT/R&D/SM/2020/09/22

Date:04/09/2020

Ref: Approval of the committee, Dated 28/08/2020

To

Dr.T.V.Madhusudhana Rao,
Associate Professor,
Department of Computer Science & Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Iridology based vital organs malfunctioning identification using machine learning techniques**", Worth of Rs.60, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



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Proceedings of Seed Money Grant

Letter No: VIIT/R&D/SM/2020/09/23

Date:04/09/2020

Ref: Approval of the committee, Dated 28/08/2020

To

Dr. VSV Satyanarayana,
Associate Professor,
Department of Mechanical Engineering,
VIIT (A).

Sub: VIIT - R & D - Seed Grant approval - sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Passive suspension optimization of a quarter car using preview control with the spectral decomposition method**", Worth of Rs.72, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

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Proceedings of Seed Money Grant

Letter No: VIIT/R&D/SM/2020/09/24

Date:04/09/2020

Ref: Approval of the committee, Dated 28/08/2020

To

Mr.D.Madhusudhan,
Assistant Professor,
Department of Electronics & Computer Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**High gain switched beam Yagi-Uda antenna for millimeter wave communications**", Worth of Rs.50,000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

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Proceedings of Seed Money Grant

Letter No: VIIT/R&D/SM/2020/09/25

Date: 17/09/2020

Ref: Approval of the committee, Dated 10/09/2020

To

Dr.MPVV Bhaskar Rao,
Associate Professor,
Department of Basic Science & Humanities,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**sachs universe with dark energy fluid and massive scalar field**", Worth of Rs.30, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D

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Letter No: VIIT/R&D/SM/2020/09/26

Date: 17/09/2020

Ref: Approval of the committee, Dated 10/09/2020

To

Dr.K.Srinivas Naik,
Associate Professor.
Department of Electronics & Communication Engineering.
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**V band frequency reconfigurable antenna for millimeter wave applications**", Worth of Rs.55,000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



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Date: 17/09/2020

Letter No: VIIT/R&D/SM/2020/09/27

Ref: Approval of the committee, Dated 10/09/2020

To

Mrs. Auadathi Datta,
Assistant Professor,
Department of MBA,
VIIT (A).

Sub: VIIT - R & D - Seed Grant approval - sanction order - Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "A comparative assessment on implementation of human resource development practices impact on employee productivity in public and private banks-an empirical study on banks in India", Worth of Rs.30, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards,

Dean R&D



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Letter No: VIIT/R&D/SM/2020/09/28

Date: 17/09/2020

Ref: Approval of the committee, Dated 10/09/2020

To

Mr.V.Sivaji,
Assistant Professor,
Department of MBA,
VIIT (A).

Sub: VIIT - R & D - Seed Grant approval - sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "A study on public assistance and its impact on women workers for achieving work life balance with reference to it sector", Worth of Rs.30 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



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Date: 17/09/2020

Letter No: VIIT/R&D/SM/2020/09/29

Ref: Approval of the committee, Dated 10/09/2020

To

Mr.Ch.Sekhar,
Assistant Professor,
Department of Computer Science & Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Predictive model for abnormality in blood pressure**", Worth of Rs.45,000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D

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Letter No: VIIT/R&D/SM/2020/09/30

Date: 17/09/2020

Ref: Approval of the committee, Dated 10/09/2020

To

Ms.B.Jyothi,
Assistant Professor,
Department of Electrical & Electronics Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Power quality improvement of wind and solar hybrid energy sources interface to the grid using upqc**", Worth of Rs.75, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D

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Letter No: VIIT/R&D/SM/2020/09/31

Date: 17/09/2020

Ref: Approval of the committee, Dated 10/09/2020

To

Mr.T.Rajesh,
Assistant Professor,
Department of Electrical & Electronics Engineering,
VIIT (A).

Sub: VIIT -R & D - Seed Grant approval - sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "A novel reconfigurable G shaped patch antenna for wireless IoT applications using BAR64-02W PIN diode", Worth of Rs.65, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



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Letter No: VIIT/R&D/SM/2020/09/32

Date: 17/09/2020

Ref: Approval of the committee, Dated 10/09/2020

To

Mr.B.Sominaidu,
Assistant Professor,
Department of Mechanical Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Construction of small twin reverberation chamber for measurement of sound transmission loss**", Worth of Rs.70, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



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Letter No: VIIT/R&D/SM/2020/09/33

Date: 17/09/2020

Ref: Approval of the committee, Dated 10/09/2020

To

Dr.N.V.S.Shankar,
Associate Professor.
Department of Mechanical Engineering.
VIIT (A).

Sub: VIIT – R & D – Seed Grant approval – sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project “A case study of service firm to optimize the cycle time – advanced lean techniques to design plant layout”, Worth of Rs.65, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



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Date: 17/09/2020

Letter No: VIIT/R&D/SM/2020/09/34

Ref: Approval of the committee, Dated 10/09/2020

To

Mrs.M.Leela Priyanka,
Assistant Professor,
Department of Civil Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "Establishing the need for rural road development using QGIS and its estimation", Worth of Rs.30,000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D

Principal

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Date: 17/09/2020

Letter No: VIII/R&D/SM/2020/09/35

Ref: Approval of the committee, Dated 10/09/2020

To

Mr.B.Brahmaiah,,
Assistant Professor,
Department of Civil Engineering,
VIII (A).

Sub: VIII - R & D - Seed Grant approval - sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Strength analysis and validation of recycled aggregate concrete**", Worth of Rs.36, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



Principal

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Letter No: VIIT/R&D/SM/2020/09/36

Date: 17/09/2020

Ref: Approval of the committee, Dated 10/09/2020

To

Mr.K.Srinivas,
Assistant Professor.
Department of Civil Engineering.
VIIT (A).

Sub: VIIT - R & D - Seed Grant approval - sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Experimental analysis on modulus of elasticity of slag based concrete**", Worth of Rs.35,000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



Principal

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Letter No: VIIT/R&D/SM/2020/10/37

Date:03/10/2020

Ref: Approval of the committee, Dated 25/09/2020

To

Mrs.S.Kranthi Vijaya,
Assistant Professor,
Department of Civil Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Behaviour of M60 grade concrete by partial replacement of cement with fly ash, rice husk ash and silica fume**", Worth of Rs.30, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



Principal

Copy to
Mrs.S.Kranthi Vijaya,
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Date:03/10/2020

Letter No: VIIT/R&D/SM/2020/10/38

Ref: Approval of the committee, Dated 25/09/2020

To

Mr.M.Padmakar,
Assistant Professor,
Department of Civil Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Characteristic compressive strength of a geo polymer concrete**", Worth of Rs.35, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D


Principal

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Proceedings of Seed Money Grant

Date:03/10/2020

Letter No: VIIT/R&D/SM/2020/10/39

Ref: Approval of the committee, Dated 25/09/2020

To

Mrs.G.Hima Bindu,
Assistant Professor,
Department of Information Technology,
VIIT (A).

Sub: VIIT - R & D - Seed Grant approval - sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Performance Analysis of DYMO and LAR in Grid and Random Environments**", Worth of Rs.40, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



Principal

Copy to
Mrs.G.Hima Bindu
HOD - IT,
Rectors' Office,
E.D.s' Office,
Principal's Office.

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Proceedings of Seed Money Grant

Letter No: VIIT/R&D/SM/2020/10/40

Date:03/10/2020

Ref: Approval of the committee, Dated 25/09/2020

To

Mr.R.Sundar Ramam,
Associate Professor,
Department of Mechanical Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Design and Fabrication of Small-Scale Automatic Stamping Machine**", Worth of Rs.45, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



Principal

Copy to
Mr.R.Sundar Ramam,
HOD - ME,
Rectors' Office,
E.D.s' Office,
Principal's Office.

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Proceedings of Seed Money Grant

Date:03/10/2020

Letter No: VIIT/R&D/SM/2020/10/41

Ref: Approval of the committee, Dated 25/09/2020

To

Dr.S.Rambabu,
Associate Professor,
Department of Mechanical Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Design and Simulation of Porous Ti-6Al-4V Alloy Structures for Additive Manufacturing of Bio implants**", Worth of Rs.50, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D

Principal

Copy to
Dr.S.Rambabu,
HOD - ME,
Rectors' Office,
E.D.s' Office,
Principal's Office.



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Proceedings of Seed Money Grant

Date:03/10/2020

Letter No: VIIT/R&D/SM/2020/10/42

Ref: Approval of the committee, Dated 25/09/2020

To

Dr.Ch.Gangu Naidu,
Associate Professor.
Department of Basic Science & Humanities.
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**HPLC Bioassay of Elvitegravir using a Molecularly Imprinted Polymer Based Solid Phase Extraction in RAT Plasma: Application to Pharmacokinetic Studies**", Worth of Rs.80, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



Principal

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Beside: VSEZ, Duwada, Visakhapatnam-49

Copy to
Dr.Ch.Gangu Naidu.
HOD - BSH.
Rectors' Office.
E.D.s' Office.
Principal's Office.



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Proceedings of Seed Money Grant

Date:03/10/2020

Letter No: VIIT/R&D/SM/2020/10/43

Ref: Approval of the committee, Dated 25/09/2020

To

Dr.B.Prasada Rao,
Associate Professor,
Department of Electrical and Electronics Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Exhaust emission characteristics of a three-wheeler auto diesel engine fueled with pongamia, mahua and jatropa biodiesels**", Worth of Rs.50, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D

Principal

Copy to
Dr.B.Prasada Rao,
HOD - EEE,
Rectors' Office,
E.D.s' Office,
Principal's Office.



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Proceedings of Seed Money Grant

Date:03/10/2020

Letter No: VIIT/R&D/SM/2020/10/44

Ref: Approval of the committee, Dated 25/09/2020

To

Dr.S.Ravi Shankar,
Associate Professor,
Department of Electrical and Electronics Engineering,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Adaptive hysteresis band current control of grid connected PV inverter**", Worth of Rs.34, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



Principal

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Copy to

Dr.S.Ravi Shankar,
HOD - EEE,
Rectors' Office,
E.D.s' Office,
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Proceedings of Seed Money Grant

Date:03.10.2020

Letter No: VIIT/R&D/SM/2020/10/45

Ref: Approval of the committee, Dated 25/09/2020

To

Dr.R.Hanumantha Rao,
Associate Professor,
Department of Basic Science & Humanities,
VIIT (A).

Sub: VIIT -R & D -Seed Grant approval -sanction order-Reg

Order:

Regarding the above cited, the Research Evaluation Committee has approved the seed grant money to the proposed project entitled of the project "**Microhardness and SHG efficiency of pure and picric acid-added KDP crystals**", Worth of Rs.40, 000 for one year. Hence hereby directed to submit the utilization certificate and outcome of the seed money grant to the Office of the R&D.

With Regards

Dean R&D



Principal

Copy to
Dr.R.Hanumantha Rao,
HOD - BSII,
R&D office,
Rectors' Office,
E.D.s' Office,
Principal's Office.

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