



**LOYOLA ACADEMY**  
**OLD ALWAL, SECUNDERABAD 500 010 TS**  
(Autonomous and affiliated to Osmania University)  
A "College with Potential for Excellence" by UGC  
[www.loyolaacademyugpg.ac.in](http://www.loyolaacademyugpg.ac.in) Ph: 040-27862363 / 27860077

The Correspondent,

Loyola Academy, Alwal, Secunderabad.

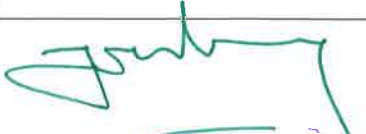
Rev. Father,

Sub: Release of Seed Money for the Research Projects 2022-23.

**The Research Committee has approved the following Research Projects for the Academic Year 2022-23.**

S.No	Name of the Investigator(s)	Department	Project Title	Duration	Amount in Rupees
1.	Dr.P.Thirupathi	M.Sc.Chemistry	Green and sustainable organic transformations by using sustainable auxiliary substances	2 years	200000
2.	Dr.Sonika Sharma	M.Sc.Chemistry	Expedient synthesis of Hetroaryl derived alkynes for study of photo chromic properties	2 years	200000
3.	Dr.K.Rama	B.Sc.ECT	IOT Water Pollution Monitor RC Boat	1 year	40000
4.	Dr. Zakir Hussain	B.Sc. Chemical Technology	Agricultural Waste-Derived Biomass-Based Char for Catalytic Applications in Biodiesel Production	1 Year	60000
5.	Dr. Veera Swamy M	Dean of Commerce	Online Vs Offline Shopping – A Comparative Study	1 year	28000
6.	Dr. Shakira sultana	B.Sc.ECT	Convection in a porous medium in the presence of vertical magnetic field.	1 Year	6000
7.	Dr. R. Karunakararao	Commerce	Online Investors' Secure Behavior	1 year	30000
8.	Dr.L.Radhika Rani	B.Sc.ECT	Estimation of acoustic features of infants cries using PRATT simulation software- A case study on Congenital Disorders	1 Year	10000
9.	Dr.C.Santhi	B.Sc.ECT	Design of an advanced intelligent automatic railway gate controller system for avoiding accidents at crossing points using VERILOG HDL	1 Year	10000
10.	Mrs.K.Sudha Sundari	B.Sc.AG& RD	Hybridization experiments In Sesamum	1 year	10000
11.	Ch.Ashok	Commerce	Direct Benefit Transfer	1 year	30000



  
**PRINCIPAL**  
**LOYOLA ACADEMY**  
OLD ALWAL, SECUNDERABAD-500 010  
TELANGANA, INDIA

12.	Dr. Ramesh M	Department of Business Studies	Marketing strategies of small enterprises after covid-19 in Hyderabad: A case study	1 year	30000
13.	T.Ramya	Cyber security	Detection and Mitigation of DDoS attack in IoT devices using Naïve Base Algorithm	1 year	25000
14.	Dr.A.Bhavani, K.Ketana	BA Economics B.Sc.Mscs	A study on Factors influencing students' Performance in a class	1 year	25000
15.	Dr.Sathyanarayana Gardasu	Commerce	Impact of AASARA pension scheme in Telangana state: A case study of Nalgonda district	1 year	25000
16.	R.Shalini M Jyothi	M.Sc.Chemistry	Water mediated green and eco-friendly Lewis-acid catalyzed carbon-carbon bond formation organic reactions.	1 year	55000
17.	Dr.T.Suchitra Naidu	B.Sc.BT	Traditional Medical practice of non-institutionally trained medical practitioners on Cassia august folia plant in treatment of piles from Ponnur,Guntur district.	1 Year	25000
<b>TOTAL</b>					<b>809000</b>

*K. Vijaya Lakshmi*  
Dr. K. Vijaya Lakshmi

*[Signature]*  
Correspondent

*[Signature]*  
Principal

**LOYOLA ACADEMY,  
ALWAL, SECUNDERABAD-50.**



**PRINCIPAL  
LOYOLA ACADEMY  
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TELANGANA, INDIA**



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LA/RC/Seed grant/2022/1

Secunderabad,  
05 -08-2022

To

Dr.P.Thirupathi,

Dean of Science,

Department of M.Sc.Chemistry,

Loyola Academy, Alwal, Secunderabad.

**Subject:** Sanction of Seed money- Reg

We are happy to inform you that seed money for the topic "Green and sustainable organic transformations by using sustainable auxiliary substances" for the request you made for Rs.200000 (Two Lakhs only) is sanctioned.

Your project duration is 2 years and you are expected to submit the bills of first installment by March 2023 and second installment bills by the end of March 2024 and project report by 31<sup>st</sup> May 2024.

Terms and Conditions:

1. Work should be presented in at least one National/International forum.
2. Publish at least one paper in peer reviewed/UGC-CARE journals.
3. If you take any student's support, permission should be taken from Head/ Principal.
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6. If you leave the college in the middle of the project year then submit either bills and project report or refund the seed money grant.
7. Any non-consumable item (equipment, Books, CDS, Pen drives etc.) purchased with seed money should be returned to the college at the end of project completion.

**Note:** The seed money granted is the final amount no extra grants will be provided for extra budgetary cost incurred.

*K. Vijaya Lalitha*

Coordinator  
Research committee



*[Signature]*  
Principal



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LA/RC/Seed grant/2022/2

Secunderabad,  
05-08-2022

To,  
Dr. Sonika Sharma,  
Department of M.Sc.Chemistry,  
Loyola Academy, Alwal, Secunderabad.

**Subject:** Sanction of Seed money- Reg.

We are happy to inform you that seed money for the topic "Expedient synthesis of Hetroaryl derived alkynes for study of photo chromic properties" for the request you made for Rs.200000 (Two Lakhs only) is sanctioned.

Your project duration is 2 years and you are expected to submit the bills of first installment by March 2023 and second installment bills by the end of March 2024 and project report by 31<sup>st</sup> May 2024.

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*K. Vijayalaxmi*  
Coordinator  
Research committee



*[Signature]*  
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LA/RC/Seed grant/2022/3

Secunderabad,  
05-08-2022

To

Dr. B. Rama,

IQAC Coordinator,

Department of Electronics and Communication Technology,

Loyola Academy, Alwal, Secunderabad.

**Subject:** Sanction of Seed money- Reg.

We are happy to inform you that seed money for the topic "IOT Water Pollution Monitor RC Boat" for the request you made for Rs. 40000(Forty Thousand only) is sanctioned.

Your project duration is 1 year and you are expected to submit the bills by the end of March 2023 and the project report by 31<sup>st</sup> May 2023.

Terms and Conditions:

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*K. Vijaya Lal*

Coordinator  
Research committee



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LA/RC/Seed grant/2022/4

Secunderabad,  
05-08-2022

To,  
Dr. Zakir Hussain,  
Department of B.Sc. Chemical Technology,  
Loyola Academy, Alwal, Secunderabad.

**Subject:** Sanction of Seed money- Reg.

We are happy to inform you that seed money for the topic "Agricultural Waste-Derived Biomass-Based Char for Catalytic Applications in Biodiesel Production" for the request you made for Rs.60000 (sixty Thousand only) is sanctioned.

Your project duration is 1 year and you are expected to submit the bills by the end of March 2023 and project report by 31<sup>st</sup> May 2023.

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LA/RC/Seed grant/2022/5

Secunderabad,  
05-08-2022

To

Dr. M.Veera Swamy,

Department of Commerce,

Loyola Academy, Alwal, Secunderabad.

**Subject:** Sanction of Seed money- Reg.

We are happy to inform you that seed money for the topic "Online Vs Offline Shopping – A Comparative Study" for the request you made for Rs.28000 (Twenty eight Thousand only) is sanctioned.

Your project duration is 1 year and you are expected to submit the bills by the end of March 2023 and project report by 31<sup>st</sup> May 2023.

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2. Publish at least one paper in peer reviewed/UGC-CARE journals.
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LA/RC/Seed grant/2022/6

Secunderabad,  
04-08-2022

To  
Dr. Shakira Sultana,  
Department of Electronics & Communication Technology,  
Loyola Academy, Alwal, Secunderabad.

Subject: Sanction of Seed money –Reg.

We are happy to inform you that seed money for the topic "Convection in a porous medium in the presence of vertical magnetic field" for the request you made for Rs.6000 (Six Thousand only) is sanctioned.

Your project duration is 1 year and you are expected to submit the bills by the end of March 2023 and project report by 31<sup>st</sup> May 2023.

Terms and Conditions:

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2. Publish at least one paper in peer reviewed/UGC-CARE journals.
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*K. Vijaya Lakshmi*  
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Research committee



*[Signature]*  
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LA/RC/Seed grant/2022/7

Secunderabad,  
05-08-2022.

To  
Dr. R. Karunakararao,  
Department of Commerce,  
Loyola Academy, Alwal, Secunderabad.

**Subject:** Sanction of Seed money- Reg.

We are happy to inform you that seed money for the topic "Online Investors' Secure Behavior" for the request you made for Rs. 30000 (Thirty thousand only) is sanctioned.

Your project duration is 1 years and you are expected to submit the bills by the end of March 2023 and project report by 31<sup>st</sup> May 2023.

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*K. Vijayalaxmi*  
Coordinator  
Research committee



*[Signature]*  
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LA/RC/Seed grant/2022/8

Secunderabad,  
05-08-2022

To

Dr.L.Radhika Rani,

Department of B.Sc. Electronics and Communication Technology,  
Loyola Academy, Alwal, Secunderabad.

**Subject:** Sanction of Seed money- Reg.

We are happy to inform you that seed money for the topic "Estimation of acoustic features of infants cries using PRATT simulation software- A case study on Congenital Disorders" for the request you made for Rs.10000 (Ten Thousand only) is sanctioned.

Your project duration is 1 year and you are expected to submit the bills by the end of March 2023 and project report by 31<sup>st</sup> May 2023.

Terms and Conditions:

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*K. Vijaya Laxmi*  
Coordinator  
Research committee



*[Signature]*  
Principal



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LA/RC/Seed grant/2022/9

Secunderabad,  
04-08-2022

To

Dr.C.Shanti,

Department of B.Sc. Electronics and Communication Technology,

Loyola Academy, Alwal, Secunderabad.

**Subject:** Sanction of Seed money- Reg.

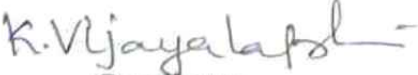
We are happy to inform you that seed money for the topic "Design of an advanced intelligent automatic railway gate controller system for avoiding accidents at crossing points using VERILOG HDL" for the request you made for Rs.10000 (Ten Thousand only) is sanctioned.

Your project duration is 1 year and you are expected to submit the bills by the end of March 2023 and project report by 31<sup>st</sup> May 2023.

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Coordinator  
Research committee



  
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LA/RC/Seed grant/2022/10

Secunderabad,  
04-08-2022

To

Mrs. Sudha sundari.K,

Department of B.Sc. AG & RD,

Loyola Academy, Alwal, Secunderabad.

**Subject:** Sanction of Seed money- Reg.

We are happy to inform you that seed money for the topic "Hybridization experiments In Sesamum" for the request you made for Rs.10000 (Ten Thousand only) is sanctioned.

Your project duration is 1 year and you are expected to submit the bills by the end of March 2023 and project report by 31<sup>st</sup> May 2023.

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Coordinator  
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*[Signature]*  
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LA/RC/Seed grant/2022/11

Secunderabad,  
05-08-2022

To

Dr. Ch.Ashok

Department of Commerce,

Loyola Academy, Alwal, Secunderabad.

**Subject:** Sanction of Seed money- Reg.

We are happy to inform you that seed money for the topic "Direct Benefit Transfer" for the request you made for Rs.30000 (Thirty Thousand only) is sanctioned.

Your project duration is 1 year and you are expected to submit the bills by the end of March 2023 and project report by 31<sup>st</sup> May 2023.

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Coordinator  
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*[Signature]*  
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LA/RC/Seed grant/2022/12

Secunderabad,  
05-08-2022

To

Dr.M. Ramesh,

Department of Commerce,

Loyola Academy, Alwal, Secunderabad.

**Subject:** Sanction of Seed money- Reg.

We are happy to inform you that seed money for the topic "Marketing strategies of small enterprises after COVID-19 in Hyderabad: A case study" for the request you made for Rs.30000 (Thirty Thousand only) is sanctioned.

Your project duration is 1 year and you are expected to submit the bills by the end of March 2023 and project report by 31<sup>st</sup> May 2023.

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Coordinator  
Research committee



*[Signature]*  
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LA/RC/Seed grant/2022/13

Secunderabad,  
05-08-2022

To

Mrs. T.Ramya,

Department of B.Sc. Computer Science and Cyber Security,  
Loyola Academy, Alwal, Secunderabad.

**Subject:** Sanction of Seed money- Reg.

We are happy to inform you that seed money for the topic "Detection and Mitigation of DDoS attack in IoT devices using Naive Base Algorithm" for the request you made for Rs.25000 (Twenty five Thousand only) is sanctioned.

Your project duration is 1 year and you are expected to submit the bills by the end of March 2023 and project report by 31<sup>st</sup> May 2023.

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**Note:** The seed money granted is the final amount no extra grants will be provided for extra budgetary cost incurred.

*K. Vijayalaxmi*  
Coordinator  
Research committee



*[Signature]*  
Principal



# LOYOLA ACADEMY

(DEGREE & PG COLLEGE)

OLD ALWAL, SECUNDERABAD - 500 010, TELANGANA, INDIA

(Autonomous and Affiliated to Osmania University)

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A "College with Potential for Excellence" by UGC

www.loyolaacademyugpg.ac.in Ph: 040-27862363/27860077 Fax: 040-27867939

LA/RC/Seed grant/2022/14

Secunderabad,  
04-08-2022

To  
Dr.A.Bhavani,  
Coordinator, Entrepreneur Development Cell,  
Loyola Academy, Alwal, Secunderabad.

**Subject:** Sanction of Seed money- Reg.

We are happy to inform you that seed money for the topic "Detection and Mitigation of DDoS attack in IoT devices using Naive Base Algorithm" for the request you made for Rs.25000 (Twenty five Thousand only) is sanctioned.

Your project duration is 1 year and you are expected to submit the bills by the end of March 2023 and project report by 31<sup>st</sup> May 2023.

Terms and Conditions:

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*K. Vijaya Lalitha*  
Coordinator  
Research committee



*[Signature]*  
Principal



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LARC/Seed grant/2022/15

Secunderabad,  
05-08-2022

To

Dr.Sathyannarayana Gardasu,  
Department of Commerce,  
Loyola Academy, Alwal, Secunderabad.

**Subject:** Sanction of Seed money- Reg.

We are happy to inform you that seed money for the topic "Impact of AASARA pension scheme in Telangana state: A case study of Nalgonda district" for the request you made for Rs.25000 (Twenty five Thousand only) is sanctioned.

Your project duration is 1 year and you are expected to submit the bills by the end of March 2023 and project report by 31<sup>st</sup> May 2023.

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*K. Vijaya Laxmi*  
Coordinator  
Research committee



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Principal



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LA/RC/Seed grant/2022/16

Secunderabad,  
05-08-2022

To

REKALA SHALINI M JYOTHI,

Department of M.Sc.Chemistry,

Loyola Academy, Alwal, Secunderabad.

**Subject:** Sanction of Seed money- Reg.

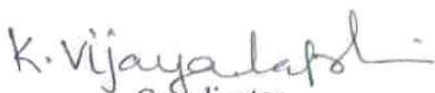
We are happy to inform you that seed money for the topic "**Water mediated green and eco-friendly Lewis-acid catalyzed carbon-carbon bond formation organic reactions**" for the request you made for Rs.55000 (Fifty five Thousand only) is sanctioned.

Your project duration is 1 years and you are expected to submit the bills by the end of March 2023 and project report by 31<sup>st</sup> May 2023.

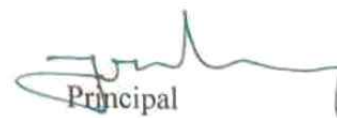
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Coordinator  
Research committee



  
Principal



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LA/RC/Seed grant/2022/17

Secunderabad,  
05-08-2022

To

Dr.T. Suchitra Naidu,

Dean of Academics,

Loyola Academy, Alwal, Secunderabad.

**Subject:** Sanction of Seed money- Reg.


We are happy to inform you that seed money for the topic "Traditional Medical practice of non-institutionally trained medical practitioners on Cassia august folia plant in treatment of piles from Ponnur, Guntur district." for the request you made for Rs.25000 (Twenty five Thousand only) is sanctioned.

Your project duration is 1 years and you are expected to submit the bills by the end of March 2023 and project report by 31<sup>st</sup> May 2023.

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