

**List of Seed Money Proposals Received (Schedule of Presentation)  
2025-26**

Date & Time of Presentation	S.No.	Name of the Faculty Member	Department	Title of the Proposal	Proposed Budget (₹)
<b>19<sup>th</sup> August 2025 @ 3 PM</b>	1	Dr. K. Rama	B.Sc. CSE	Deep Learning - Based IoT Systems utilizing LoRa Technology for Real Time Remote Health Care Applications	25,000
	2	Dr. Shaik Abdul Khadar	B.Sc. CSIOT	Design and development of multi-band ultrathin Polarization Insensitive Metasurface Absorber for Wireless Communication Applications	35,400
	3	Mr. K. Sita Rama Sasthry	B.Sc. CSIT	Smart Plant Monitoring System using IOT	23,600
	4	Dr. Santhi Chebiyyam	CSML	Modern Single-Phase Clocked Flip-Flop with Enhanced Power Management and Redundancy Elimination Methods	41,300
	5	Dr. T. Suchitra Naidu	B.Sc. BT	Institutionalising Indian Knowledge Systems: A Strategic Initiative for Holistic and Outcome-Based Education at Loyola Academy	25,000
	6	Dr. Padmalatha Koilkonda	M.Sc. BT	Conservation of IUCN Red Listed Medicinal and Aromatic Plants in and around Greater Hyderabad	30,000
	7	Dr. P. Suresh Kumar & Dr. Padmalatha Koilkonda	M.Sc. BT	Exogenous application of Abscisic acid (ABA) to improve drought tolerance in Capsicum spp.	50,000
	8	Dr. Jaganmai G & Dr. Ch. Sirisha	M.Sc. BT	Production of Biopolymers from Xanthomonas oryzae pv. oryzae (Xoo) using Fermentation and In Silico Analysis	50,000
	9	Dr. S. Dhavala & Mrs. D. Gurudevi	M.Sc. BT	Isolation of microbes from various soil and sediment samples from diverse habitats and screening for novel Actinomycetes for enzyme production	45,000
	10	Mrs. D. Gurudevi & Dr. S. Dhavala	M.Sc. BT	Phytochemical analysis, antioxidant, antimicrobial, and Hydrogen Peroxide Scavenging Studies in the Extracts	30,000

<b>20<sup>th</sup> August 2025@ 3 PM</b>				of Zingiber officinale L.	
	11	Dr. Sofia Ahmed Sait	B.Com. Business Analytics	Reengineering Academic Mentorship: The Role of Artificial Intelligence in Shaping Student Success Pathways	30,000
	12	Dr. P. Thirupathi	M.Sc. Organic Chemistry	One Pot Multicomponent Synthesis of 2,3-Dihydroquinazolin-4[1H]-one (DHQ) Catalysed by Reusable Bronsted Acidic Ionic liquid –[H-Pip-PS-DBSA]	2,00,000
	13	Dr. S. P. Mydhili	M.Sc. Organic Chemistry	Development of BAIL catalyzed solvent free method for a one pot multicomponent synthesis of chromenopyrimidines	1,75,000
	14	Dr. P. Swapna	M.Sc. Organic Chemistry	Cost-efficient synthesis of 1,3,5-Triaryl Pyrazoles/Pyrazolines using chalcones as precursors.	1,50,000
	15	Mrs. Shalini Mamatha Jyothi	M.Sc. Organic Chemistry	One Pot Multicomponent Green Synthesis of Benzoacridine Derivatives Catalysed by Reusable Bronsted Acidic Ionic liquids	1,50,000
	16	Fr. Dr. M. L. Thomas	M.Sc. Organic Chemistry	Hierarchically porous TiO <sub>2</sub> -based heterocomposite (Photo) catalysts for (Photo-electric) catalytic water splitting	1,50,000
17	Dr. Zakir Hussain	B.Sc. CT	CO <sub>2</sub> Capture and Biodiesel Production using Novel Deep Eutectic Solvents and Multisubstrate adsorbents derived from Biomass	2,00,000	


**Presentation Schedule:**

19<sup>th</sup> August 2025: Computer Science (4) & Biotechnology (6)

20<sup>th</sup> August 2025: Commerce (1), Organic Chemistry (5) & CT (1)

**Note:** Every principal investigator must give presentations as per this schedule without fail.

**Venue:** Board Room, Admin Block

  
FR. Dr. N. B. Babu  
Principal & Chairperson, R&D Cell

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

# List of Seed Money Proposals Received (Attendance Cum Outcome Sheet)

2025-26

S.No.	Name of the Faculty Member	Department	Title of the Proposal	Proposed Budget (₹)	Date & Time	PI Sign	Approved/ Not Approved	Approved Budget
1	Dr. K. Rama	B.Sc. CSE	Deep Learning - Based IoT Systems utilizing LoRa Technology for Real Time Remote Health Care Applications	25,000	19/8/2025	Rama	Approved	25,000
2	Dr. Shaik Abdul Khadar	B.Sc. CSIOT	Design and development of multi-band ultrathin Polarization Insensitive Metasurface Absorber for Wireless Communication Applications	35,400	19/8/2025	Shaik	Approved	35,400
* 3	Mr. K. Sita Rama Sastry	B.Sc. CSIT	Smart Plant Monitoring System using IOT	23,600	—	—	—	—
4	Dr. Santhi Chebiyyam	CSML	Modern Single-Phase Clocked Flip-Flop with Enhanced Power Management and Redundancy Elimination Methods	41,300	19/8/25	c.santhi	Approved	41,300
5	Dr. T. Suchitra Naidu	B.Sc. BT	Institutionalising Indian Knowledge Systems: A Strategic Initiative for Holistic and Outcome-Based Education at Loyola Academy	25,000	29/8/25	Suchitra	Approved	25,000
6	Dr. Padmalatha Koilkonda	M.Sc. BT	Conservation of IUCN Red Listed Medicinal and Aromatic Plants in and around Greater Hyderabad	1,00,000	19/08/2025	Padma	Approved	1,00,000
7	Dr. P. Suresh Kumar & Dr. Padmalatha Koilkonda	M.Sc. BT	Exogenous application of Abscisic acid (ABA) to improve drought tolerance in Capsicum spp.	50,000	19/08/25	Sury	Approved	50,000
8	Dr. Jaganmai G & Dr. Ch. Sirisha	M.Sc. BT	Production of Biopolymers from Xanthomonas oryzae pv. oryzae (Xoo) using Fermentation and In Silico Analysis	50,000	19/8/25	Jaganmai	Approved	50,000
9	Dr. Ch. Sirisha & Dr. Jaganmai. G	M.Sc. BT	Telangana Rice Germplasm Survey for Sustainable Growth in contrary to Bacterial Leaf Blight Disease through PCR Marker Based Technology	2,00,000	19/8/25	Ch. Sirisha	Approved	2,00,000
10	Dr. S. Dhavala & Mrs. D. Gurudevi	M.Sc. BT	Isolation of microbes from various soil and sediment samples from diverse habitats and screening for novel Actinomycetes for enzyme production	45,000	20/8/25	Dhavala	Approved	45,000
11	Mrs. D.	M.Sc. BT	Phytochemical analysis, antioxidant, antimicrobial,	30,000	19/8/25	D. Gurudevi	Approved	30,000

	Gurudevi & Dr. S. Dhavala		and Hydrogen Peroxide Scavenging Studies in the Extracts of Zingiber officinale L.					
12	Dr. Sofia Ahmed Sait	B.Com. Business Analytics	Reengineering Academic Mentorship: The Role of Artificial Intelligence in Shaping Student Success Pathways	30,000	20/8/25 3:00	<i>Sait</i>	Approved	30,000
13	Dr. P. Thirupathi	M.Sc. Organic Chemistry	One Pot Multicomponent Synthesis of 2,3-Dihydroquinazolin-4[1H]-one (DHQ) Catalysed by Reusable Bronsted Acidic Ionic liquid -[H-Pip-PS-DBSA]	2,00,000	20/8/25	<i>Thirupathi</i>	Approved	2,00,000
14	Dr. S. P. Mydhili	M.Sc. Organic Chemistry	Development of BAIL catalyzed solvent free method for a one pot multicomponent synthesis of chromenopyrimidines	1,75,000	20/8/25	<i>Mydhili SP</i>	Approved	1,75,000
15	Dr. P. Swapna	M.Sc. Organic Chemistry	Cost-efficient synthesis of 1,3,5-Triaryl Pyrazoles/Pyrazolines using chalcones as precursors.	1,50,000	20/8/25	<i>Swapna</i>	Approved	1,50,000
16	Mrs. Shalini Mamatha Jyothi	M.Sc. Organic Chemistry	One Pot Multicomponent Green Synthesis of Benzoacridine Derivatives Catalysed by Reusable Bronsted Acidic Ionic liquids	1,50,000	20/8/25	<i>Shalini</i>	Approved	1,50,000
17	Fr. Dr. M. L. Thomas	M.Sc. Organic Chemistry	Hierarchically porous TiO <sub>2</sub> -based heterocomposite (Photo) catalysts for (Photo-electric) catalytic water splitting	1,50,000	20/8/25	<i>Thomas</i>	Approved	1,50,000
18	Dr. Zakir Hussain	B.Sc. CT	CO <sub>2</sub> Capture and Biodiesel Production using Novel Deep Eutectic Solvents and Multisubstrate adsorbents derived from Biomass	2,00,000	20/8/25	<i>Zakir</i>	Approved	2,00,000
<b>Total</b>				<b>16,55,300</b>				

*Thomas*  
**Committee Member-1**  
 Fr. Dr. M. L. THOMAS

*Radheka Rame*  
**Committee Member-2**  
 Dr. L. RADHEKA RAME

*Zakir Hussain*  
**Committee Member-3**  
 Dr. ZAKIR HUSSAIN

*Babu*  
**FR. Dr. N. B. Babu**  
 Principal & Chairperson, R&D Cell  
**PRINCIPAL**  
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 TELANGANA, INDIA

*Francis Xavier*  
**Fr. Dr. Francis Xavier**  
 Correspondent  
**Correspondent**  
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 ALWAL, SECUNDERABAD-10



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LA/RC/Seed Grant/2025-26/3.1

Date: 8-09-2025

To,  
Dr. K. Rama  
Asst. Professor

Subject: Sanction of Seed money- Reg.

We are pleased to inform you that your request for seed money funding for your project, "Deep Learning-Based IoT Systems utilizing LoRa Technology for Real-Time Remote Health Care Applications" has been approved.

The sanctioned amount is **₹25,000** (Indian Rupees Twenty-Five Thousand Only).

**Project Duration:** One (1) year, from 8<sup>th</sup> September 2025

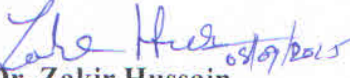
You are required to submit a comprehensive project report along with copies of all original bills and receipts by the end of the project duration without fail.

### Terms and Conditions of the Grant:


1. The involvement of undergraduate and postgraduate students in this project is highly encouraged. To formalize their participation, a list of contributing students must be submitted to the Head of Department, and their roles must be clearly acknowledged in the final project report.
2. The research work must be presented at least once at a national or international conference. **Student co-authors are welcome to participate in these presentations.**
3. A minimum of one (1) journal articles must be published in Web of Science or in Scopus indexed journals for the project sanctioned this academic year. All publications must carry the **Loyola Academy** affiliation as the primary institution. **Including qualified students as co-authors is strongly recommended.**
4. A minimum of six (6) hours per week must be dedicated to the project. This time must be logged and verified with time-stamped photographs, which should be included in the final project report.
5. You are expected to apply for minor or major research projects during this period to secure additional funding from external granting agencies (e.g., UGC, DST, ICSSR etc.).
6. If you leave the college before the project's completion, you must either submit all bills and a final project report or refund the entire utilized seed money amount.
7. Any non-consumable items purchased with the grant funds (e.g., equipment, books, CDs, pen drives) become the property of Loyola Academy and must be returned to the college.
8. All intellectual property (IP) generated during this project shall be the sole property of Loyola Academy.


**Important Note:** The sanctioned amount of **₹25,000** is final and inclusive of all costs. No supplementary grants will be provided for any budgetary overruns.

We congratulate you on securing this grant and look forward to seeing the impact of your research, including the valuable experience it will provide to our students.

  
Dr. Zakir Hussain  
Dean-R&D

  
Fr. Dr. M. L. Thomas  
COE & Member R&D Cell

  
Fr. Dr. N. B. Babu  
Principal  
**PRINCIPAL**  
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Fr. Dr. Francis Xavier  
Correspondent  
**LOYOLA ACADEMY,**  
ALWAL, SECUNDERABAD-10



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LA/RC/Seed Grant/2025-26/3.2

Date: 8-09-2025

To.

Dr. Shaik Abdul Khadar

Asst. Professor

Subject: Sanction of Seed money- Reg.

We are pleased to inform you that your request for seed money funding for your project, "**Design and development of multi-band ultrathin Polarization Insensitive Metasurface Absorber for Wireless Communication Applications**" has been approved.

The sanctioned amount is **₹35,400** (Thirty-Five Thousand Four Hundred Only)

**Project Duration:** One (1) year, from 8<sup>th</sup> September 2025


You are required to submit a comprehensive project report along with copies of all original bills and receipts by the end of the project duration without fail.

### Terms and Conditions of the Grant:


1. The involvement of undergraduate and postgraduate students in this project is highly encouraged. To formalize their participation, a list of contributing students must be submitted to the Head of Department, and their roles must be clearly acknowledged in the final project report.
2. The research work must be presented at least once at a national or international conference. **Student co-authors are welcome to participate in these presentations.**
3. A minimum of one (1) journal articles must be published in Web of Science or in Scopus indexed journals for the project sanctioned this academic year. All publications must carry the **Loyola Academy** affiliation as the primary institution. **Including qualified students as co-authors is strongly recommended.**
4. A minimum of six (6) hours per week must be dedicated to the project. This time must be logged and verified with time-stamped photographs, which should be included in the final project report.
5. You are expected to apply for minor or major research projects during this period to secure additional funding from external granting agencies (e.g., UGC, DST, ICSSR etc.).
6. If you leave the college before the project's completion, you must either submit all bills and a final project report or refund the entire utilized seed money amount.
7. Any non-consumable items purchased with the grant funds (e.g., equipment, books, CDs, pen drives) become the property of Loyola Academy and must be returned to the college.
8. All intellectual property (IP) generated during this project shall be the sole property of Loyola Academy.


**Important Note:** The sanctioned amount of **₹35,400** is final and inclusive of all costs. No supplementary grants will be provided for any budgetary overruns.

We congratulate you on securing this grant and look forward to seeing the impact of your research, including the valuable experience it will provide to our students.

  
Dr. Zakir Hussain  
Dean-R&D

  
Fr. Dr. M. L. Thomas  
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Fr. Dr. N. B. Babu  
Principal  
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LA/RC/Seed Grant/2025-26/3.3

Date: 8-09-2025

To.  
Dr. Santhi Chebiyyam  
Asst. Professor

Subject: Sanction of Seed money- Reg.

We are pleased to inform you that your request for seed money funding for your project, "**Modern Single-Phase Clocked Flip-Flop with Enhanced Power Management and Redundancy Elimination Methods**" has been approved.

The sanctioned amount is **₹41,300** (Forty-One Thousand Three Hundred Only).

**Project Duration:** One (1) year, from 8<sup>th</sup> September 2025


You are required to submit a comprehensive project report along with copies of all original bills and receipts by the end of the project duration without fail.


### Terms and Conditions of the Grant:


1. The involvement of undergraduate and postgraduate students in this project is highly encouraged. To formalize their participation, a list of contributing students must be submitted to the Head of Department, and their roles must be clearly acknowledged in the final project report.
2. The research work must be presented at least once at a national or international conference. **Student co-authors are welcome to participate in these presentations.**
3. A minimum of one (1) journal articles must be published in Web of Science or in Scopus indexed journals for the project sanctioned this academic year. All publications must carry the **Loyola Academy** affiliation as the primary institution. **Including qualified students as co-authors is strongly recommended.**
4. A minimum of six (6) hours per week must be dedicated to the project. This time must be logged and verified with time-stamped photographs, which should be included in the final project report.
5. You are expected to apply for minor or major research projects during this period to secure additional funding from external granting agencies (e.g., UGC, DST, ICSSR etc.).
6. If you leave the college before the project's completion, you must either submit all bills and a final project report or refund the entire utilized seed money amount.
7. Any non-consumable items purchased with the grant funds (e.g., equipment, books, CDs, pen drives) become the property of Loyola Academy and must be returned to the college.
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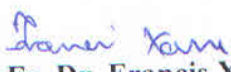
**Important Note:** The sanctioned amount of **₹41,300** is final and inclusive of all costs. No supplementary grants will be provided for any budgetary overruns.

We congratulate you on securing this grant and look forward to seeing the impact of your research, including the valuable experience it will provide to our students.

  
Dr. Zakir Hussain  
Dean-R&D

  
Fr. Dr. M. L. Thomas  
COE & Member R&D Cell

  
Fr. Dr. N. B. Babu  
Principal  
**PRINCIPAL**  
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ALWAL, SECUNDERABAD-10



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LA/RC/Seed Grant/2025-26/3.4

Date: 8-09-2025

To.

Dr. T. Suchitra Naidu

Asst. Professor

Subject: Sanction of Seed money- Reg.

We are pleased to inform you that your request for seed money funding for your project, "Institutionalising Indian Knowledge Systems: A Strategic Initiative for Holistic and Outcome-Based Education at Loyola Academy." has been approved.

The sanctioned amount is **₹25,000** (Twenty-Five Thousand Only).

**Project Duration:** One (1) year, from 8<sup>th</sup> September 2025

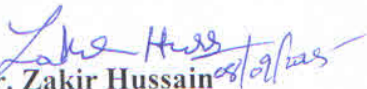
You are required to submit a comprehensive project report along with copies of all original bills and receipts by the end of the project duration without fail.

### Terms and Conditions of the Grant:


1. The involvement of undergraduate and postgraduate students in this project is highly encouraged. To formalize their participation, a list of contributing students must be submitted to the Head of Department, and their roles must be clearly acknowledged in the final project report.
2. The research work must be presented at least once at a national or international conference. **Student co-authors are welcome to participate in these presentations.**
3. A minimum of one (1) journal articles must be published in Web of Science or in Scopus indexed journals for the project sanctioned this academic year. All publications must carry the **Loyola Academy affiliation** as the primary institution. **Including qualified students as co-authors is strongly recommended.**
4. A minimum of six (6) hours per week must be dedicated to the project. This time must be logged and verified with time-stamped photographs, which should be included in the final project report.
5. You are expected to apply for minor or major research projects during this period to secure additional funding from external granting agencies (e.g., UGC, DST, ICSSR etc.).
6. If you leave the college before the project's completion, you must either submit all bills and a final project report or refund the entire utilized seed money amount.
7. Any non-consumable items purchased with the grant funds (e.g., equipment, books, CDs, pen drives) become the property of Loyola Academy and must be returned to the college.
8. All intellectual property (IP) generated during this project shall be the sole property of Loyola Academy.

**Important Note:** The sanctioned amount of **₹25,000** is final and inclusive of all costs. No supplementary grants will be provided for any budgetary overruns.


We congratulate you on securing this grant and look forward to seeing the impact of your research, including the valuable experience it will provide to our students.

  
Dr. Zakir Hussain  
Dean-R&D

  
Fr. Dr. M. L. Thomas  
COE & Member R&D Cell

  
Fr. Dr. N. B. Babu  
Principal

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Fr. Dr. Francis Xavier  
Correspondent  
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LA/RC/Seed Grant/2025-26/3.5

Date: 8-09-2025

To.

Dr. Padmalatha Koilkonda

Asst. Professor

Subject: Sanction of Seed money- Reg.

We are pleased to inform you that your request for seed money funding for your project, "Conservation of IUCN Red Listed Medicinal and Aromatic Plants in and around Greater Hyderabad" has been approved.

The sanctioned amount is ₹1,00,000 (One Lac Only).

**Project Duration:** Three (3) years or 36 Months, from 8<sup>th</sup> September 2025


You are required to submit a comprehensive project report along with copies of all original bills and receipts by the end of the project duration without fail.

### Terms and Conditions of the Grant:


1. The involvement of undergraduate and postgraduate students in this project is highly encouraged. To formalize their participation, a list of contributing students must be submitted to the Head of Department, and their roles must be clearly acknowledged in the final project report.
2. The research work must be presented at least once at a national or international conference. Student co-authors are welcome to participate in these presentations.
3. A minimum of one (1) journal articles must be published in Web of Science or in Scopus indexed journals for the project sanctioned this academic year. All publications must carry the Loyola Academy affiliation as the primary institution. Including qualified students as co-authors is strongly recommended.
4. A minimum of six (6) hours per week must be dedicated to the project. This time must be logged and verified with time-stamped photographs, which should be included in the final project report.
5. You are expected to apply for minor or major research projects during this period to secure additional funding from external granting agencies (e.g., UGC, DST, ICSSR etc.).
6. If you leave the college before the project's completion, you must either submit all bills and a final project report or refund the entire utilized seed money amount.
7. Any non-consumable items purchased with the grant funds (e.g., equipment, books, CDs, pen drives) become the property of Loyola Academy and must be returned to the college.
8. All intellectual property (IP) generated during this project shall be the sole property of Loyola Academy.

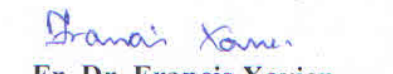
**Important Note:** The sanctioned amount of ₹1,00,000 is final and inclusive of all costs. No supplementary grants will be provided for any budgetary overruns.

We congratulate you on securing this grant and look forward to seeing the impact of your research, including the valuable experience it will provide to our students.

  
Dr. Zakir Hussain  
Dean-R&D

  
Fr. Dr. M. L. Thomas  
COE & Member R&D Cell

  
Fr. Dr. N. B. Babu  
Principal  
PRINCIPAL  
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Fr. Dr. Francis Xavier  
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CORRESPONDENT  
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ALWAL, SECUNDERABAD-50



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LA/RC/Seed Grant/2025-26/3.6

Date: 8-09-2025

To,

Dr. P. Suresh Kumar (PI) & Dr. Padmalatha Koilkonda (Co-PI)

Asst. Professor (s)

Subject: Sanction of Seed money- Reg.

We are pleased to inform you that your request for seed money funding for your project, "**Exogenous application of Abscisic acid (ABA) to improve drought tolerance in Capsicum spp**" has been approved.

The sanctioned amount is **₹50,000** (Fifty Thousand Only).

**Project Duration:** Two (2) years, from 8<sup>th</sup> September 2025

You are required to submit a comprehensive project report along with copies of all original bills and receipts by the end of the project duration without fail.

### Terms and Conditions of the Grant:

1. The involvement of undergraduate and postgraduate students in this project is highly encouraged. To formalize their participation, a list of contributing students must be submitted to the Head of Department, and their roles must be clearly acknowledged in the final project report.
2. The research work must be presented at least once at a national or international conference. **Student co-authors are welcome to participate in these presentations.**
3. A minimum of one (1) journal articles must be published in Web of Science or in Scopus indexed journals for the project sanctioned this academic year. All publications must carry the **Loyola Academy affiliation** as the primary institution. **Including qualified students as co-authors is strongly recommended.**
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**Important Note:** The sanctioned amount of **₹50,000** is final and inclusive of all costs. No supplementary grants will be provided for any budgetary overruns.

We congratulate you on securing this grant and look forward to seeing the impact of your research, including the valuable experience it will provide to our students.

  
Dr. Zakir Hussain


Dean-R&D

  
Fr. Dr. M. L. Thomas  
COE & Member R&D Cell

  
Fr. Dr. N. B. Babu

Principal

**LOYOLA ACADEMY**  
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TELANGANA, INDIA

  
Fr. Dr. Francis Xavier  
Correspondent

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LA/RC/Seed Grant/2025-26/3.7

Date: 8-09-2025

To.

Dr. Jaganmai G (Asst. Prof. & PI) & Dr. Ch. Sirisha (Assoc. Prof. & Co-PI)

Subject: Sanction of Seed money- Reg.

We are pleased to inform you that your request for seed money funding for your project, "**Production of Biopolymers from Xanthomonas oryzae pv. oryzae (Xoo) using Fermentation and In Silico Analysis**" has been approved.

The sanctioned amount is **₹50,000** (Fifty Thousand Only).

**Project Duration:** One (1) year, from 8<sup>th</sup> September 2025


You are required to submit a comprehensive project report along with copies of all original bills and receipts by the end of the project duration without fail.

### Terms and Conditions of the Grant:


1. The involvement of undergraduate and postgraduate students in this project is highly encouraged. To formalize their participation, a list of contributing students must be submitted to the Head of Department, and their roles must be clearly acknowledged in the final project report.
2. The research work must be presented at least once at a national or international conference. **Student co-authors are welcome to participate in these presentations.**
3. A minimum of one (1) journal articles must be published in Web of Science or in Scopus indexed journals for the project sanctioned this academic year. All publications must carry the **Loyola Academy** affiliation as the primary institution. **Including qualified students as co-authors is strongly recommended.**
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**Important Note:** The sanctioned amount of **₹50,000** is final and inclusive of all costs. No supplementary grants will be provided for any budgetary overruns.

We congratulate you on securing this grant and look forward to seeing the impact of your research, including the valuable experience it will provide to our students.

  
Dr. Zakir Hussain  
Dean-R&D

  
Fr. Dr. M. L. Thomas  
COE & Member R&D Cell

  
Fr. Dr. N. B. Babu  
Principal  
**PRINCIPAL**  
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Fr. Dr. Francis Xavier  
Correspondent  
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LA/RC/Seed Grant/2025-26/3.8

Date: 8-09-2025

To.

Dr. Ch. Sirisha (Assoc. Prof. & PI) & Dr. Jaganmai. G (Asst. Prof. & Co-PI)

Subject: Sanction of Seed money- Reg.

We are pleased to inform you that your request for seed money funding for your project, "Telangana Rice Germplasm Survey for the Sustainable Growth in contrary to Bacterial Leaf Blight Disease through PCR Marker Based Technology" has been approved.

The sanctioned amount is ₹20,00,000 (Two Lac Only).

**Project Duration:** Two (2) years or 24 months from 8<sup>th</sup> September 2025


You are required to submit a comprehensive project report along with copies of all original bills and receipts by the end of the project duration without fail.

### Terms and Conditions of the Grant:


1. The involvement of undergraduate and postgraduate students in this project is highly encouraged. To formalize their participation, a list of contributing students must be submitted to the Head of Department, and their roles must be clearly acknowledged in the final project report.
2. The research work must be presented at least once at a national or international conference. **Student co-authors are welcome to participate in these presentations.**
3. A minimum of one (1) journal articles must be published in Web of Science or in Scopus indexed journals for the project sanctioned this academic year. All publications must carry the **Loyola Academy affiliation** as the primary institution. **Including qualified students as co-authors is strongly recommended.**
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**Important Note:** The sanctioned amount of ₹20,00,000 is final and inclusive of all costs. No supplementary grants will be provided for any budgetary overruns.


We congratulate you on securing this grant and look forward to seeing the impact of your research, including the valuable experience it will provide to our students.

  
Dr. Zakir Hussain  
Dean-R&D

  
Fr. Dr. M. L. Thomas  
COE & Member R&D Cell

  
Fr. Dr. N. B. Babu  
Principal

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Fr. Dr. Francis Xavier  
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LA/RC/Seed Grant/2025-26/3.9

Date: 8-09-2025

To.

Dr. S. Dhavala (PI) & Mrs. D. Gurudevi (Co-PI)  
Asst. Professor

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

We are pleased to inform you that your request for seed money funding for your project, "Isolation of microbes from various soil and sediment samples from diverse habitats and screening for novel Actinomycetes for enzyme production" has been approved.

The sanctioned amount is **₹45,000** (Forty-Five Thousand Only).

**Project Duration:** Two (2) years, from 8<sup>th</sup> September 2025

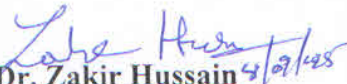
You are required to submit a comprehensive project report along with copies of all original bills and receipts by the end of the project duration without fail.

### Terms and Conditions of the Grant:

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2. The research work must be presented at least once at a national or international conference. **Student co-authors are welcome to participate in these presentations.**
3. A minimum of one (1) journal articles must be published in Web of Science or in Scopus indexed journals for the project sanctioned this academic year. All publications must carry the **Loyola Academy affiliation** as the primary institution. **Including qualified students as co-authors is strongly recommended.**
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**Important Note:** The sanctioned amount of **₹45,000** is final and inclusive of all costs. No supplementary grants will be provided for any budgetary overruns.

We congratulate you on securing this grant and look forward to seeing the impact of your research, including the valuable experience it will provide to our students.

  
Dr. Zakir Hussain 4/9/25  
Dean-R&D

  
Fr. Dr. M. L. Thomas  
COE & Member R&D Cell

  
Fr. Dr. N. B. Babu  
Principal

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Fr. Dr. Francis Xavier  
Correspondent  
Correspondent  
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LA/RC/Seed Grant/2025-26/3.10

Date: 8-09-2025

To.

Mrs. D. Gurudevi (PI) & Dr. S. Dhavala (Co-PI)

Asst. Professor

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

We are pleased to inform you that your request for seed money funding for your project, "**Phytochemical analysis, antioxidant, antimicrobial, and Hydrogen Peroxide Scavenging Studies in the Extracts of Zingiber officinale L**" has been approved.

The sanctioned amount is **₹30,000** (Thirty Thousand Only).

**Project Duration:** Two (2) years, from 8<sup>th</sup> September 2025


You are required to submit a comprehensive project report along with copies of all original bills and receipts by the end of the project duration without fail.

### Terms and Conditions of the Grant:

1. The involvement of undergraduate and postgraduate students in this project is highly encouraged. To formalize their participation, a list of contributing students must be submitted to the Head of Department, and their roles must be clearly acknowledged in the final project report.
2. The research work must be presented at least once at a national or international conference. **Student co-authors are welcome to participate in these presentations.**
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We congratulate you on securing this grant and look forward to seeing the impact of your research, including the valuable experience it will provide to our students.

  
Dr. Zakir Hussain  
Dean-R&D

  
Fr. Dr. M. L. Thomas  
COE & Member R&D Cell

  
Fr. Dr. N. B. Babu  
Principal

**PRINCIPAL**  
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Fr. Dr. Francis Xavier  
Correspondent  
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LA/RC/Seed Grant/2025-26/3.11

Date: 8-09-2025

To.

Dr Sofia Ahmed Sait  
Asst. Professor

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

We are pleased to inform you that your request for seed money funding for your project, "**Reengineering Academic Mentorship: The Role of Artificial Intelligence in Shaping Student Success Pathways**" has been approved.

The sanctioned amount is **₹30,000** (Thirty Thousand Only).

**Project Duration:** One (1) year, from 8<sup>th</sup> September 2025

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### Terms and Conditions of the Grant:

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Dr. Zakir Hussain  
Dean-R&D

  
Fr. Dr. M. L. Thomas  
COE & Member R&D Cell

  
Fr. Dr. N. B. Babu  
Principal

**PRINCIPAL**  
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Fr. Dr. Francis Xavier  
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LA/RC/Seed Grant/2025-26/3.12

Date: 8-09-2025

To.

Dr. P. Thirupathi  
Asst. Professor

Subject: Sanction of Seed money- Reg.

We are pleased to inform you that your request for seed money funding for your project, "One Pot Multicomponent Synthesis of 2,3-Dihydroquinazolin-4[1H]-one (DHQ) Catalysed by Reusable Bronsted Acidic Ionic liquid -[H-Pip-PS-DBSA]" has been approved.

The sanctioned amount is ₹2,00,000 (Two Lac Only).

Project Duration: One (1) year, from 8<sup>th</sup> September 2025


You are required to submit a comprehensive project report along with copies of all original bills and receipts by the end of the project duration without fail.

### Terms and Conditions of the Grant:

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Dr. Zakir Hussain  
Dean-R&D

  
Fr. Dr. M. L. Thomas  
COE & Member R&D Cell

  
Fr. Dr. N. B. Babu  
Principal

PRINCIPAL  
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Fr. Dr. Francis Xavier  
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LA/RC/Seed Grant/2025-26/3.13

Date: 8-09-2025

To.  
Dr. S. P. Mydhili  
Asst. Professor

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

We are pleased to inform you that your request for seed money funding for your project, "**Development of BAIL catalyzed solvent free method for a one pot multicomponent synthesis of chromenopyrimidines**" has been approved.

The sanctioned amount is **₹1,75,000** (One Lac Seventy-Five Thousand Only).

**Project Duration:** One (1) year, from 8<sup>th</sup> September 2025

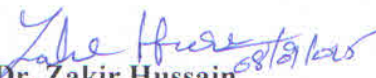
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**Important Note:** The sanctioned amount of **₹1,75,000** is final and inclusive of all costs. No supplementary grants will be provided for any budgetary overruns.


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Dr. Zakir Hussain  
Dean-R&D

  
Fr. Dr. M. L. Thomas  
COE & Member R&D Cell

  
Fr. Dr. N. B. Babu  
Principal

PRINCIPAL  
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Fr. Dr. Francis Xavier  
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LA/RC/Seed Grant/2025-26/3.14

Date: 8-09-2025

To.

Dr. P. Swapna

Asst. Professor

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

We are pleased to inform you that your request for seed money funding for your project, "**Cost-efficient synthesis of 1,3,5-Triaryl Pyrazoles/Pyrazolines using chalcones as precursors**" has been approved.

The sanctioned amount is **₹1,50,000** (One Lac Fifty Thousand Only).

**Project Duration:** One (1) year, from 8<sup>th</sup> September 2025

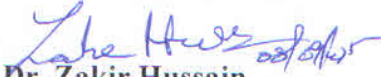
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We congratulate you on securing this grant and look forward to seeing the impact of your research, including the valuable experience it will provide to our students.


  
Dr. Zakir Hussain

Dean-R&D

  
Fr. Dr. M. L. Thomas  
COE & Member R&D Cell

  
Fr. Dr. N. B. Babu  
Principal

  
Fr. Dr. Francis Xavier  
Correspondent

  
Correspondent  
LOYOLA ACADEMY,  
ALWAL, SECUNDERABAD-50

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LOYOLA ACADEMY  
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TELANGANA, INDIA



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LA/RC/Seed Grant/2025-26/3.15

Date: 8-09-2025

To.

Mrs. Shalini Mamatha Jyothi (PI), Dr. P. Thirupathi (Co-PI)

Asst. Professor

Subject: Sanction of Seed money- Reg.

We are pleased to inform you that your request for seed money funding for your project, "One Pot Multicomponent Green Synthesis of Benzoacridine Derivatives Catalysed by Reusable Bronsted Acidic Ionic liquids" has been approved.

The sanctioned amount is ₹1,50,000 (One Lac Fifty Thousand Only).

Project Duration: One (1) year, from 8<sup>th</sup> September 2025

You are required to submit a comprehensive project report along with copies of all original bills and receipts by the end of the project duration without fail.

### Terms and Conditions of the Grant:

1. The involvement of undergraduate and postgraduate students in this project is highly encouraged. To formalize their participation, a list of contributing students must be submitted to the Head of Department, and their roles must be clearly acknowledged in the final project report.
2. The research work must be presented at least once at a national or international conference. Student co-authors are welcome to participate in these presentations.
3. A minimum of one (1) journal articles must be published in Web of Science or in Scopus indexed journals for the project sanctioned this academic year. All publications must carry the Loyola Academy affiliation as the primary institution. Including qualified students as co-authors is strongly recommended.
4. A minimum of six (6) hours per week must be dedicated to the project. This time must be logged and verified with time-stamped photographs, which should be included in the final project report.
5. You are expected to apply for minor or major research projects during this period to secure additional funding from external granting agencies (e.g., UGC, DST, ICSSR etc.).
6. If you leave the college before the project's completion, you must either submit all bills and a final project report or refund the entire utilized seed money amount.
7. Any non-consumable items purchased with the grant funds (e.g., equipment, books, CDs, pen drives) become the property of Loyola Academy and must be returned to the college.
8. All intellectual property (IP) generated during this project shall be the sole property of Loyola Academy.

**Important Note:** The sanctioned amount of ₹1,50,000 is final and inclusive of all costs. No supplementary grants will be provided for any budgetary overruns.

We congratulate you on securing this grant and look forward to seeing the impact of your research, including the valuable experience it will provide to our students.

  
Dr. Zakir Hussain

Dean-R&D

  
Fr. Dr. M. L. Thomas  
COE & Member R&D Cell

  
Fr. Dr. N. B. Babu


Principal

PRINCIPAL

LOYOLA ACADEMY

OLD ALWAL, SECUNDERABAD-500 010

TELANGANA, INDIA

  
Fr. Dr. Francis Xavier  
Correspondent

Correspondent  
LOYOLA ACADEMY,  
ALWAL, SECUNDERABAD-50



# LOYOLA ACADEMY

(DEGREE & PG COLLEGE)

OLD ALWAL, SECUNDERABAD - 500 010, TELANGANA, INDIA

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LA/RC/Seed Grant/2025-26/3.16

Date: 8-09-2025

To.

Fr. Dr. M. L. Thomas

Asst. Professor

Subject: Sanction of Seed money- Reg.

We are pleased to inform you that your request for seed money funding for your project, "**Hierarchically porous TiO<sub>2</sub>-based heterocomposite (Photo) catalysts for (Photo-electric) catalytic water splitting**" has been approved.

The sanctioned amount is **₹1,50,000** (One Lac Fifty Thousand Only).

**Project Duration:** Two (2) years, from 8<sup>th</sup> September 2025


You are required to submit a comprehensive project report along with copies of all original bills and receipts by the end of the project duration without fail.

### Terms and Conditions of the Grant:

1. The involvement of undergraduate and postgraduate students in this project is highly encouraged. To formalize their participation, a list of contributing students must be submitted to the Head of Department, and their roles must be clearly acknowledged in the final project report.
2. The research work must be presented at least once at a national or international conference. **Student co-authors are welcome to participate in these presentations.**
3. A minimum of one (1) journal articles must be published in Web of Science or in Scopus indexed journals for the project sanctioned this academic year. All publications must carry the **Loyola Academy affiliation** as the primary institution. **Including qualified students as co-authors is strongly recommended.**
4. A minimum of six (6) hours per week must be dedicated to the project. This time must be logged and verified with time-stamped photographs, which should be included in the final project report.
5. You are expected to apply for minor or major research projects during this period to secure additional funding from external granting agencies (e.g., UGC, DST, ICSSR etc.).
6. If you leave the college before the project's completion, you must either submit all bills and a final project report or refund the entire utilized seed money amount.
7. Any non-consumable items purchased with the grant funds (e.g., equipment, books, CDs, pen drives) become the property of Loyola Academy and must be returned to the college.
8. All intellectual property (IP) generated during this project shall be the sole property of Loyola Academy.

**Important Note:** The sanctioned amount of **₹1,50,000** is final and inclusive of all costs. No supplementary grants will be provided for any budgetary overruns.


We congratulate you on securing this grant and look forward to seeing the impact of your research, including the valuable experience it will provide to our students.

  
Dr. Zakir Hussain  
Dean-R&D

  
Fr. Dr. M. L. Thomas  
COE & Member R&D Cell

  
Fr. Dr. N. B. Babu  
Principal

**PRINCIPAL**  
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LA/RC/Seed Grant/2025-26/3.17

Date: 8-09-2025

To,  
Dr. Zakir Hussain  
Asst. Professor

Subject: Sanction of Seed money- Reg.

We are pleased to inform you that your request for seed money funding for your project, "Surface modification of Agricultural Biomass waste derived carbon for Catalytic conversion of vegetable oil to Biodiesel (Renewable Energy Applications & Composites)" has been approved.

The sanctioned amount is ₹2,00,000 (Two Lac Only).

**Project Duration:** One (1) year, from 8<sup>th</sup> September 2025


You are required to submit a comprehensive project report along with copies of all original bills and receipts by the end of the project duration without fail.

### Terms and Conditions of the Grant:


1. The involvement of undergraduate and postgraduate students in this project is highly encouraged. To formalize their participation, a list of contributing students must be submitted to the Head of Department, and their roles must be clearly acknowledged in the final project report.
2. The research work must be presented at least once at a national or international conference. Student co-authors are welcome to participate in these presentations.
3. A minimum of one (1) journal articles must be published in Web of Science or in Scopus indexed journals for the project sanctioned this academic year. All publications must carry the Loyola Academy affiliation as the primary institution. Including qualified students as co-authors is strongly recommended.
4. A minimum of six (6) hours per week must be dedicated to the project. This time must be logged and verified with time-stamped photographs, which should be included in the final project report.
5. You are expected to apply for minor or major research projects during this period to secure additional funding from external granting agencies (e.g., UGC, DST, ICSSR etc.).
6. If you leave the college before the project's completion, you must either submit all bills and a final project report or refund the entire utilized seed money amount.
7. Any non-consumable items purchased with the grant funds (e.g., equipment, books, CDs, pen drives) become the property of Loyola Academy and must be returned to the college.
8. All intellectual property (IP) generated during this project shall be the sole property of Loyola Academy.


**Important Note:** The sanctioned amount of ₹2,00,000 is final and inclusive of all costs. No supplementary grants will be provided for any budgetary overruns.

We congratulate you on securing this grant and look forward to seeing the impact of your research, including the valuable experience it will provide to our students.

  
Dr. Zakir Hussain  
Dean-R&D

  
Fr. Dr. M. L. Thomas  
COE & Member R&D Cell

  
Fr. Dr. N. B. Babu  
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