

 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2

3.2.1	Research funding received by the institution and its faculties through Government and non- government sources such as industry, corporate houses, international bodies for research project, Endowment Research Chairs during the last five years (INR in Lakhs)
3.2.2	Number of research projects per teacher funded by government, non-government , industry, corporate houses, international bodies during the last five years

A.Y. 2021-2022



Atmiya University Registrar, Rajkot-Gujarat-India

Atmiya University
Rajkot



Page 1 of 86

 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2

Organic candle and sachets



ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

Sanction Letter

No.: SSIP/2021/SL/01

Date: 1/10/2022

To,
Shivani Patel
Department of Biotechnology

Subject: Sanction of SSIP grant for Proof of Concept (PoC)

Respected Sir / Madam,

I am pleased to inform you that the grant application under the Student Start-Up and Innovation Policy (SSIP) by the Government of Gujarat, for the Proof of Concept (PoC) titled “**Organic candle and sachets**” by **Sanskar Vanzara** under your mentorship, has been sanctioned.

The duration of the grant would be **1 year** and the total sanction amount is **Rs. 19200**.

Kindly go through the attached files for your reference. Please follow the SSIP rules for further process. You are required to submit the necessary documents.

For further information, you can reach **Mr. Pratik Kikani, Mo. 9879858594**.

Dr. Ashish M. Kothari
SSIP Coordinator





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1
AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1
M 3.2.2

SSIP



**ATMIYA
UNIVERSITY**
RAJKOT, GUJARAT (INDIA)



CERTIFICATE

This is to certify that

Sanskar Vanzara

_____ &
Dr./ Mr./Ms. **Shivani Patel** (Principal Investigator)

have successfully completed the project titled **Organic candle and sachets** of

Rs. **0.19** Lakhs funded by Knowledge Consortium of Gujarat, Government of Gujarat

under Student Start-up and Innovation Policy (SSIP) grant during the year **2021-2023**

Dr. Ashish Kothari

Director - Research, Innovation & Translation

SSIP/2021/SL/01

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2

Alternative Bacterial & Fungal Media from Vegetable, fruit & flower waste



ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

Sanction Letter

No.: SSIP/2021/SL/02

Date: 1/10/2022

To,
Shivani Patel
Department of Biotechnology

Subject: Sanction of SSIP grant for Proof of Concept (PoC)

Respected Sir / Madam,

I am pleased to inform you that the grant application under the Student Start-Up and Innovation Policy (SSIP) by the Government of Gujarat, for the Proof of Concept (PoC) titled “**Alternative Bacterial & Fungal Media from Vegetable, fruit & flower waste**” by **Bamania Muskan** under your mentorship, has been sanctioned.

The duration of the grant would be **1 year** and the total sanction amount is **Rs. 3000**.

Kindly go through the attached files for your reference. Please follow the SSIP rules for further process. You are required to submit the necessary documents.

For further information, you can reach **Mr. Pratik Kikani, Mo. 9879858594**.

Dr. Ashish M. Kothari
SSIP Coordinator





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1
AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1
M 3.2.2

SSIP



**ATMIYA
UNIVERSITY**
RAJKOT, GUJARAT (INDIA)



CERTIFICATE

This is to certify that

Bamania Muskan

&

Dr./ Mr./Ms. **Shivani Patel** (Principal Investigator)

have successfully completed the project titled **Alternative Bacterial & Fungal Media from Vegetable, fruit & flower waste** of

Rs. **0.03** Lakhs funded by Knowledge Consortium of Gujarat, Government of Gujarat

under Student Start-up and Innovation Policy (SSIP) grant during the year **2021-2023**

Dr. Ashish Kothari

Director - Research, Innovation & Translation

SSIP/2021/SL/02

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**





**ATMIYA
UNIVERSITY**

**NAAC – Cycle – 1
AISHE: U-0967**

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1

M 3.2.2

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



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 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2

Best Biofertilizer



ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

Sanction Letter

No.: SSIP/2021/SL/03

Date: 1/10/2022

To,
Shivani Patel
Department of Biotechnology

Subject: Sanction of SSIP grant for Proof of Concept (PoC)

Respected Sir / Madam,

I am pleased to inform you that the grant application under the Student Start-Up and Innovation Policy (SSIP) by the Government of Gujarat, for the Proof of Concept (PoC) titled “**Best Biofertilizer**” by **Rajkumar Pipariya** under your mentorship, has been sanctioned.

The duration of the grant would be **1 year** and the total sanction amount is **Rs. 13848**.

Kindly go through the attached files for your reference. Please follow the SSIP rules for further process. You are required to submit the necessary documents.

For further information, you can reach **Mr. Pratik Kikani, Mo. 9879858594**.

Dr. Ashish M. Kothari
SSIP Coordinator





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1
AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1
M 3.2.2



**ATMIYA
UNIVERSITY**
RAJKOT, GUJARAT (INDIA)



CERTIFICATE

This is to certify that

Rajkumar Pipariya

&

Dr./ Mr./Ms. **Shivani Patel** (Principal Investigator)

have successfully completed the project titled **Best Biofertilizer** of

Rs. **0.14** Lakhs funded by Knowledge Consortium of Gujarat, Government of Gujarat

under Student Start-up and Innovation Policy (SSIP) grant during the year **2021-2023**

Dr. Ashish Kothari

Director - Research, Innovation & Translation

SSIP/2021/SL/03

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1
AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1

M 3.2.2

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



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 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2

Formulation and characterization of edible plastics from natural sources



ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

Sanction Letter

No.: SSIP/2021/SL/04

Date: 1/10/2022

To,
Shivani Patel
Department of Biotechnology

Subject: Sanction of SSIP grant for Proof of Concept (PoC)

Respected Sir / Madam,

I am pleased to inform you that the grant application under the Student Start-Up and Innovation Policy (SSIP) by the Government of Gujarat, for the Proof of Concept (PoC) titled **“Formulation and characterization of edible plastics from natural sources”** by **Shradha Modha** under your mentorship, has been sanctioned.

The duration of the grant would be **1 year** and the total sanction amount is **Rs. 50000**.

Kindly go through the attached files for your reference. Please follow the SSIP rules for further process. You are required to submit the necessary documents.

For further information, you can reach **Mr. Pratik Kikani, Mo. 9879858594**.

Dr. Ashish M. Kothari
SSIP Coordinator





**ATMIYA
UNIVERSITY**

**NAAC – Cycle – 1
AISHE: U-0967**

Criterion- 3

R,I & E

KI – 3.2

**M 3.2.1
M 3.2.2**



**ATMIYA
UNIVERSITY**
RAJKOT, GUJARAT (INDIA)



CERTIFICATE

This is to certify that

Shradha Modha

&

Dr./ Mr./Ms. **Shivani Patel** (Principal Investigator)

have successfully completed the project titled **Formulation and characterization of edible plastics from natural sources** of

Rs. **0.57** Lakhs funded by Knowledge Consortium of Gujarat, Government of Gujarat

under Student Start-up and Innovation Policy (SSIP) grant during the year **2021-2023**

Dr. Ashish Kothari

Director - Research, Innovation & Translation

SSIP/2021/SL/04

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2

Melishield Fragrant Mosquito Repellent



ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

Sanction Letter

No.: SSIP/2021/SL/05

Date: 1/10/2022

To,
Chitra Bhattacharya
 Department of Microbiology

Subject: Sanction of SSIP grant for Proof of Concept (PoC)

Respected Sir / Madam,

I am pleased to inform you that the grant application under the Student Start-Up and Innovation Policy (SSIP) by the Government of Gujarat, for the Proof of Concept (PoC) titled “**Melishield Fragrant Mosquito Repellent**” by **Raheen Sheth** under your mentorship, has been sanctioned.

The duration of the grant would be **1 year** and the total sanction amount is **Rs. 25963**.

Kindly go through the attached files for your reference. Please follow the SSIP rules for further process. You are required to submit the necessary documents.

For further information, you can reach **Mr. Pratik Kikani, Mo. 9879858594**.

Dr. Ashish M. Kothari
 SSIP Coordinator

+91 281 2563445 +91 281 2563952 admin@atmiyauni.ac.in www.atmiyauni.ac.in

Atmiya University, Rajkot-Gujarat-India

Atmiya University
Rajkot





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1
AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1
M 3.2.2

SSIP



**ATMIYA
UNIVERSITY**
RAJKOT, GUJARAT (INDIA)



CERTIFICATE

This is to certify that

Raheem Sheth

&

Dr./ Mr./Ms. **Chitra Bhattacharya** (Principal Investigator)

have successfully completed the project titled **Melishield Fragrant Mosquito Repellent** of

Rs. **0.25** Lakhs funded by Knowledge Consortium of Gujarat, Government of Gujarat

under Student Start-up and Innovation Policy (SSIP) grant during the year **2021-2023**

Dr. Ashish Kothari

Director - Research, Innovation & Translation

SSIP/2021/SL/05

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2

Biofilter



ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

Sanction Letter

No.: SSIP/2021/SL/06

Date: 1/10/2022

To,
Shivani Tank
 Department of Microbiology

Subject: Sanction of SSIP grant for Proof of Concept (PoC)

Respected Sir / Madam,

I am pleased to inform you that the grant application under the Student Start-Up and Innovation Policy (SSIP) by the Government of Gujarat, for the Proof of Concept (PoC) titled “**Biofilter**” by **Faizaan Noyda** under your mentorship, has been sanctioned.

The duration of the grant would be **1 year** and the total sanction amount is **Rs. 19000**.

Kindly go through the attached files for your reference. Please follow the SSIP rules for further process. You are required to submit the necessary documents.

For further information, you can reach **Mr. Pratik Kikani, Mo. 9879858594**.

Dr. Ashish M. Kothari
 SSIP Coordinator





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1
AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1
M 3.2.2

SSIP



**ATMIYA
UNIVERSITY**
RAJKOT, GUJARAT (INDIA)



CERTIFICATE

This is to certify that

Faizaan Noyda

&

Dr./ Mr./Ms. **Shivani Tank** (Principal Investigator)

have successfully completed the project titled **Biofilter** of

Rs. **0.19** Lakhs funded by Knowledge Consortium of Gujarat, Government of Gujarat

under Student Start-up and Innovation Policy (SSIP) grant during the year **2021-2023**

Dr. Ashish Kothari

Director - Research, Innovation & Translation

SSIP/2021/SL/06

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**





**ATMIYA
UNIVERSITY**

**NAAC – Cycle – 1
AISHE: U-0967**

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1

M 3.2.2

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



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 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2

E-YUVA- Establishment of BIRAC E-YUVA Centre at Atmiya University



ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

AU/E-YUVA/PI/220916

Date: 16/09/2022

To,
 Dr. Chhaya Chauhan
 Sr. Manager (BIRAC)
 1st Floor, MTNL Building,
 9, Lodhi Rd, CGO Complex,
 Pragati Vihar, New Delhi,
 Delhi 110003

Subject: Change in the details of PI of E-YUVA Center, Atmiya University, Rajkot, Gujarat.

With reference to the above mentioned subject and as per the email communication with you, we request you to kindly change PI of “E-YUVA Center at Atmiya University” because Dr. Shivani Patel (former PI) has resigned from the university.

So to run the E-YUVA Center efficiently the higher management is recommending **Dr. Rohan Pandya**, Head of Dept. Microbiology, Atmiya University to be PI of E-YUVA Center, as he holds good understanding of startup ecosystem and his prior experience in handling projects.

Hoping to your positive consideration and necessary actions in this regard.

Thanking You.

Your Sincerely,



Dr. Shiv K. Tripathi

Vice Chancellor

+91 281 2563445 +91 281 2563952 admin@atmiyauni.ac.in www.atmiyauni.ac.in





**ATMIYA
UNIVERSITY**

**NAAC – Cycle – 1
AISHE: U-0967**

Criterion- 3

R,I & E

KI – 3.2

**M 3.2.1
M 3.2.2**



जैव प्रौद्योगिकी उद्योग अनुसंधान सहायता परिषद

(भारत सरकार का उपक्रम)

Biotechnology Industry Research Assistance Council

(A Government of India Enterprise)

Ref No.BT/EYUVA0040/01/20

Date: 10/06/2021

Sub: Implementation of “Empowering Youth for Undertaking Value Added Innovative Translational Research (E-YUVA)”

GRANT-IN-AID LETTER AGREEMENT

E-YUVA scheme is mandated to promote a culture of applied research and need-oriented (societal or industry) entrepreneurial innovation among young students and researchers. The scheme provides funding support (through fellowship and research grant), technical and business mentoring, exposure to bio incubation model, orientation to entrepreneurial culture etc. to students at various levels including undergraduates, post-graduates and post-doctoral.

This Grant-in-aid Letter Agreement (hereinafter called as “GLA”) is between Biotechnology Industry Research Assistance Council, a Government of India enterprise, incorporated under the Companies Act, 2013 having its office at 1st Floor, MTNL Building, 9, CGO Complex, Lodhi Road, New Delhi-110003 (the “BIRAC”) and the entity mentioned below for proposal entitled “Establishment of BIRAC E-YUVA Centre”

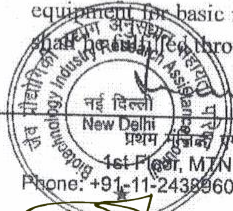
1. Recipient(s) and Designated Project Investigator(s):

S. No.	Recipient(s)	Designated Project Investigator
1	Atmiya University, Rajkot located at Kalavad Rd, Nandanavan Society, Yogidham, Gurukul, Rajkot, Gujarat 360005 hereinafter referred to as the “E-Yuva Centre (EYC)” (which expression shall wherever the context so admits include its successors in interest, liquidators, and administrators and permitted assignees).	Dr. Shivani Patel, Associate Professor and Head, Department of Biotechnology & Microbiology, Faculty of Science, Atmiya University, Rajkot

2. **Aims & Objectives:** The detailed aims and objectives that are to be executed by the aforesaid are as per the detailed implementation framework for E-YUVA Scheme and appended herein as **Schedule 3.**

The main objectives are as follows:

E-Yuva Center (EYC) act as anchor and extend requisite support and mentoring to students. Each EYC will have a BIRAC supported pre-incubation space which will offer infrastructure and equipment for basic research and experimentation for selected students. Advanced research needs shall be met through bio-incubator connect.



नई दिल्ली
New Delhi
प्रथम मंजरी
एमटीएनएल बिल्डिंग, 9, सीजीओ कॉम्प्लेक्स, लोधी रोड, नई दिल्ली-110003, भारत
1st Floor, MTNL Building, 9, CGO Complex, Lodhi Road, New Delhi - 110003, India
Phone: +91-11-24389600 Fax: +91-11-24389611 Website: www.birac.nic.in E-mail: birac.dbt@nic.in
सीआईएन सं./CIN No. : U73100DL2012NPL233152





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1

AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1

M 3.2.2

- To provide pre-incubation space for E YUVA fellows (minimum 3,000 sq. ft.)
 - Manage Fellowships for students under following two categories:
 - Innovation Fellows
 - E YUVA Fellows
 - Conduct Entrepreneurial Awareness Workshops for students
3. **Project Duration:** This Agreement shall remain effective for **3 years** from the date of acceptance** of the GLA (“**Effective Date**”) to be implemented under E-YUVA scheme. Project Duration is subject to the Change order(s) issued by the BIRAC from time to time under this provision.
- ** The recipient of the fund should convey their acceptance to the terms and conditions of this GLA within four (4) weeks of the issue of GLA failing which the present offer of the funding support will be considered as in fructuous and the project will be treated as withdrawn.
4. **Project Implementation Site:**
Atmiya University, Rajkot, ‘YOGIDHAM GURUKUL’, KALAWAD ROAD, RAJKOT - 360 005 (Gujarat)
5. **Roles and Responsibilities of EYC:**
- a. View and process online applications received for fellowship
 - b. Screen applications for eligibility and suitability for the scheme
 - c. Carry out online Technical Review of eligible applications through Subject Experts (Reviewers)
 - d. Shortlist proposals for interview(F2F/skype/telephonic) by an Expert Panel
 - e. Communicate decision to applicants at each step of selection
 - f. Seek BIRAC approval on final selection of fellows or their eligibility
 - g. Issue fellowship award letter to the selected candidates on behalf of BIRAC
 - h. Release fellowship and research grant received from BIRAC
 - i. Provide mentorship, handholding and access to facilities at EYC and EYC Knowledge Partner for BIRAC’s Innovation and E-YUVA Fellows
 - j. Monitor the targeted milestones
 - k. Organize periodic review meetings
 - l. Provide mentorship and handholding for domain expertise, entrepreneurship and activities including but not limited to IP management, mobilizing resources and other business development related activities
 - m. Provide platforms/opportunities for interaction with experts.
 - n. Provide periodic updates and reports on progress of Fellows to BIRAC
 - o. Conduct entrepreneurial workshops
 - p. Any other activity required for effective implementation of fellowships on mutual consent with BIRAC.
6. **Project Cost:** The total estimated cost for the Project is **Rs 266.50 Lakhs (Rupees Two Hundred Sixty Six Lakhs Fifty Thousand only)** and the same amount is contributed by BIRAC as Grant-in-aid towards the Project on the terms and conditions detailed in this GLA.



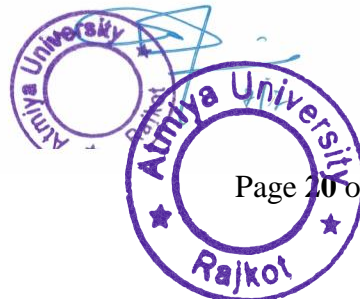
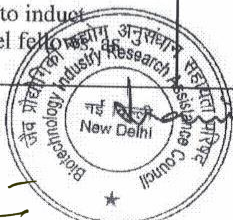
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7. BIRAC Budget break-up (Year Wise):

Budget Head	Year 1 (INR in lakhs)	Year 2 (INR in lakhs)	Year 3 (INR in lakhs)	Total for 3 years (INR in lakhs)
A. Non-recurring Head-Fixed/One Time Cost (Up gradation of existing pre-incubation space)				
Refurbishing/Innovation/Equipment/ Furniture Cost	10.00	-	-	10.00
Equipment Cost (Basic Lab equipment)	30.00			30.00
Sub Total A	40.00	0	0	40.00
B. Recurring Head-Annual Cost				
B1 EYUVA Centre's Operational Costs:				
Workshops @INR 1 Lakh each	4.00	4.00	4.00	12.00
Manpower for EYC (@5% increase/yr) Coordinator – 1 @INR 75000, Project assistant – 1@INR 25000 Office assistant – 1 @INR 15000	13.80	14.49	15.21	43.50
Travel for EYC staff	1.00	1.00	1.00	3.00
Outreach, publications etc.	1.00	1.00	1.00	3.00
Honorarium for conducting review meetings	1.00	1.00	1.00	3.00
Contingency	1.00	1.00	1.00	3.00
Sub Total B1 (Centre's Operational Costs)	21.8	22.49	23.21	67.50
Total support to EYUVA Centre (A+B1)	61.8	22.49	23.21	107.5
B2: Fellowship				
For BIRAC's Innovation Fellows (Post- Doctoral/PG level): 3 fellows per EYC For each fellow the total fellowship is a sum of Stipend and research grant Post-doctoral Fellow: Stipend: INR 50k p.m. Annual Research Grant: INR 5 Lakhs per annum Total for 3 fellows INR: [12*INR 50,000+INR5 lakhs]x3 PG Fellow: Stipend: 30k pm; Annual Research Grant: 3 Lakhs per annum Budget provision is created considering all the 3 fellows at Post-Doctoral Level. However, EYC is free to induct PG/Post-Doctoral Level fellow who is found suitable.	33.00	33.00	33.00	99.00

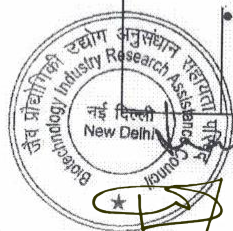




For BIRAC's E-Yuva Fellows (Under Graduate Level): 5 teams of up to 5 students each per EYC For each team; stipend of INR. 37,500 per quarter per team (@INR 2,500 per student per month) and annual research grant of INR 2.5 Lakh per team, Total for 5 teams INR: (INR 1.5+2.5) Lakhs x5	20.00	20.00	20.00	60.00
Sub-Total B2 (Fellowship)	53.00	53.00	53.00	159.00
Total support (including fellowship) A+B1+B2	114.80	75.49	76.21	266.50

8. Milestones/Timelines

Year	Activities	Deliverables
Year 1	<ul style="list-style-type: none"> Setting up of facility at EYUVA Centre Selection and mentoring of EYUVA Fellows and Innovation Fellows Closely associate with the identified EYUVA Knowledge Partner Awareness Workshops/ Seminars/ Workshops/ Investor meets - (Technical / Business), Lectures 	<ul style="list-style-type: none"> Complete refurbishment and Fully equipped infrastructure developed Conduct 4 awareness workshops per year Select, mentor and monitor 5 teams of EYUVA Fellows and 3 Innovation Fellows Establish connects with technical, business mentors, investors Undertake exposure visits to other incubators
Year 2	<ul style="list-style-type: none"> Selection and mentoring of EYUVA Fellows and Innovation Fellows Closely associate with the identified EYUVA Knowledge Partner Awareness Workshops/ Seminars/ Workshops/ Investor meets - (Technical / Business), Lectures 	<ul style="list-style-type: none"> Conduct 4 awareness workshops per year Select, mentor and monitor next 5 teams of EYUVA Fellows and 3 Innovation Fellows Establish connects with technical, business mentors, investors Undertake exposure visits to other incubators
Year 3	<ul style="list-style-type: none"> Selection and mentoring of EYUVA Fellows and Innovation Fellows Closely associate with the identified EYUVA Knowledge Partner Awareness Workshops/ Seminars/ Workshops/ Investor meets - (Technical / Business), Lectures 	<ul style="list-style-type: none"> Conduct 4 awareness workshops per year Select, mentor and monitor next 5 teams of EYUVA Fellows and 3 Innovation Fellows Establish connects with technical, business mentors, investors Undertake exposure visits to other incubators





**ATMIYA
UNIVERSITY**

**NAAC – Cycle – 1
AISHE: U-0967**

Criterion- 3

R,I & E

KI – 3.2

**M 3.2.1
M 3.2.2**

Note:- Utilization Certificate (UC) and Statements of Expenses (SOE) duly audited by a chartered accountant for the expenditure incurred towards the Project for every half year period, ending 30th September and 31st March, to BIRAC, within a month of closure of the accounts for the respective half year should be submitted till completion of Project Duration.

9. Inclusion by Reference:

This GLA includes and incorporates by this reference:	<ul style="list-style-type: none"> - Terms and Conditions (Schedule 1) - Acceptance and Undertaking (Schedule 2) - E-Yuva scheme document(Schedule 3)
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10. The Expenditure is debitable to **B.07** - Head of Accounts for the financial year 2021-22
11. This issue with the approval of competent authority vide BFD No. BFD/AO/B.07/06/2021-22 dated 3rd June 2021.
12. The GLA has been noted at Serial No 1 of Pg 45 in the Register of Grant/Cost.

THIS GLA is between Biotechnology Industry Research Assistance Council ("BIRAC") and Atmiya University, Rajkot, and is effective as of the date of last signature. Each party to this GLA may be referred to individually as a "Party," and all Party together as the "Parties." As a condition of this grant, the Parties enter into this GLA by having their authorized representatives sign below:

I) For and on behalf of BIRAC	
Signature:	
Name:	Dr. Manish Diwan
Designation:	Head -Strategic Partnership and Entrepreneurship Development
Official Seal	





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II) For and on behalf of the Fund Recipient, **Atmiya University, Rajkot** duly authorized vide Authority Letter dated 07/07/2021.. by the concerned authority

Signature 

Name Dr. D. D. Vyas

Designation Registrar (IC)

Organization Official Seal





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Schedule I

The terms and conditions for Project support under Grant-in-aid Letter Agreement (hereinafter called as “GLA”) are as follows;

1. FUND DISBURSEMENT

- a. First installment of the Grant-in-aid will be released after issue of the GLA subject to fulfillment of the terms and conditions for such release by the relevant Parties. Further release shall be subject to satisfactory progress against the objectives, outputs, milestones and targets specified in the Project which progress shall be determined by BIRAC and on submission of audited/certified statements of accounts and utilization certificates

2. FUND UTILISATION AND ACCOUNTING

- a. The funds towards the E-YUVA implementation activities including meetings, travel, arranging technical and financial due diligence etc and for Grant-in-aid disbursements to Innovators and other activities such as organizing workshops, training, entrepreneurship development program etc shall be in accordance with this GLA.
- b. BIRAC shall release the initial fund after signing of the GLA and subject to the fulfillment of the terms and conditions for such release as stated under Clause 1 (a) above. Further release of funds shall be subject to satisfactory progress against the objectives, outputs, milestones and targets specified in the E-YUVA scheme as determined by BIRAC, on submission of statement of accounts and disbursement details certificates and based on the further requirement of the scheme.
- c. The input credit for the expenditures incurred under the project out of Grant-in-aid shall be reported to BIRAC as a part of utilization certificate against the corresponding entry- “Amount of GST Input credit”. Such amount, if any, will be considered accordingly at the time of the release of the next installment.
- d. The E-YUVA Centre shall keep the Grant-in-aid assistance in a separate account, the payments from which account shall be subject to verification by BIRAC or the Comptroller and Auditor General (CAG) of India. The interest so earned should be reported to BIRAC.
- e. The E-YUVA Centre shall refund immediately any funds out of grant-in-aid disbursed to it for the remaining unutilized with it on completion of its implementation along with detailed accounts of funds received, utilized and unutilized;
- f. The E-YUVA Centre shall ensure that capital assets acquired by the Innovators through BIRAC’s grant-in-aid, shall be cared for adequately and they shall not be disposed of without the specific prior written permission of BIRAC.
- g. The provision of fund by BIRAC does not create any liability, explicit or implicit, on BIRAC in respect of the manpower engaged in its implementation.



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3. PROJECT MONITORING& MENTORING

The Evaluation of the scheme shall be undertaken as provided for in the E-YUVA operational elements and work plan of the E-YUVA guidelines appended herein as **Schedule 3**. The implementation of Projects undertaken will be monitored/and mentored regularly by **BIRAC EYC Committee** constituted by BIRAC.

4. INDEMNIFICATION

- a. The E-YUVA Centre, at all times, indemnify and keep indemnified BIRAC against any claims or suits in respect of any losses, damages or compensation payable in consequences of any accident, death or injury sustained by their employees or by any other third party resulting from or by any act, omission or operation conducted by or on their behalf;
- b. The E-YUVA Centre, at all times, indemnify and keep indemnified BIRAC against all claims/damages etc. by any infringement of any Intellectual Property Rights (IPR) while carrying out their responsibilities/work under the Project and this GLA.
- c. The provision of Grant-in-aid funds by BIRAC does not create any liability, explicit or implicit, on BIRAC in respect of the manpower engaged in the Project.
- d. The Parties shall not be held responsible for non-fulfillment of their respective obligations in successful completion of the Project under this GLA due to the exigency of one or more force majeure events such as but not limited to acts of God, war, flood, earthquakes etc.

5. CHANGE OF CONTROL:

BIRAC shall reserve the right to reconsider further funding assistance, governance of the New Intellectual Property and consider refund of the amount of Grant-in-aid in such circumstances of change of control as mentioned; below:

- a. The E-Yuva Centre shall notify BIRAC of any material change in its entity status, entity name, shareholding pattern, Project Coordinator, implementation site, registered office or any such change that would impact on performance of its obligations under the Project and this GLA.

6. FORECLOSURE AND TERMINATION

- a. In case, during the Project Duration, it is found that implementation of E-YUVA or any component is not likely to lead to successful implementation by any of the E-YUVA Centre, BIRAC may exercise the option of foreclosure. The decision with regard to refund of BIRAC's disbursements shall be governed by mutually acceptable terms based on the detailed accounts of funds received, utilized and unutilized by that particular E-Yuva Centre. The entire outstanding amount as on the date of foreclosure will become due and payable immediately. However, BIRAC may by a specific written order, prescribe a repayment schedule for the amount outstanding.

The E-Yuva Centre may, before the completion of the effective duration of the GLA, terminate this GLA by giving three months' notice in writing to BIRAC. BIRAC may also terminate this





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GLA by written notice in the event of breach of any term of this GLA by the E-YUVA Centre and either not rectifying it to the satisfaction of BIRAC or not satisfying BIRAC about its inevitability within a specified period. In the event of termination of the GLA, no further disbursement shall be made by BIRAC and the E-YUVA Centre shall immediately refund any funds unutilized out BIRACs disbursements to BIRAC, along with detailed accounts of funds received, utilized and unutilized within 30 (thirty) days of termination of the GLA. In case of failure to repay, without prejudice to any other rights under this GLA, the amount can be recovered by initiating any procedure available in Law.

- c. Notwithstanding the terms stated here above under the sub sections (a) and (b) of this Clause and in the event of such Foreclosure or Termination, the funding of the Innovators shall be considered by BIRAC on a case to case basis.

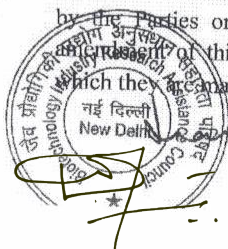
7. DISPUTE RESOLUTION AND ARBITRATION

In the event of any dispute or difference between the Parties hereto upon or in relation to or in connection with this GLA, such dispute or difference, shall be resolved amicably and in good faith by mutual consultation.

If such resolution is not possible, then the unresolved dispute or difference whatsoever arising between the Parties out of or relation to the construction, meaning, scope, operation or effect of this GLA or the validity the breach thereof or in respect of any defined legal relationship associated therewith or derived there from dispute shall be submitted for arbitration to International Center for Alternate Dispute Resolution (ICADR), an autonomous organization working under the aegis of the Ministry of Law & Justice, Department of Legal Affairs, Government of India. The Authority to appoint the arbitrator(s) shall be the ICADR. The Arbitration under this Clause and provision of administrative services by ICADR shall be in accordance with the ICADR Arbitration Rules, 1996 read with The New Delhi International Arbitration Centres Act, 2019. The award made in pursuance thereof shall be binding on the Parties. The venue of arbitration shall be New Delhi and the arbitration proceedings shall be conducted in English Language. The provision of this Clause shall not become inoperative notwithstanding the GLA expiring or ceasing to exist or being terminated or foreclosed. Prior provision shall be governed in accordance with The New Delhi International Arbitration Centres Act, 2019.

8. EFFECT AND AMENDMENTS TO THE GLA

- i. GLA shall remain in force for whichever of these is the longest time unless suspended sooner:
1. Till completion of Project to be implemented under E-YUVA partnership.
 2. As long as any part of the amount disbursed for the Project remains unspent; or
 3. For as long as any monitoring or recording or IP governance is required under any relevant laws and regulations.
- ii. No amendment or modification of this GLA shall be valid unless the same is made in writing by the Parties or their authorized representatives specifically stating the same to be an amendment / modification of this GLA. The modifications / changes shall be effective from the date on which they are made / executed unless otherwise agreed to.





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9. CONFIDENTIALITY

During the tenure of the GLA, both the Parties, undertake to maintain strict confidentiality and refrain from disclosure thereof, of all or any part of the information and data exchanged/generated under this GLA for any purpose other than in accordance with this GLA. It shall be the responsibility of both the Parties to ensure maintenance of such confidentiality in respect of their behalf and on behalf of their employees, representatives and associates involved in the E-YUVA.

The Parties shall not have any obligation of confidentiality with respect to any information that:

- is in the public domain by use and/or publication at the time of its disclosure by the disclosing party; or
- was already in possession of the recipient prior to receipt from the disclosing party; or
- is properly obtained by the recipient from a third party with a valid right to disclose such information and such third party is not under confidentiality obligation to the disclosing party; or
- was disclosed to any third party on a non-confidential basis prior to commencement of the Project; or
- is required by public authority, by law or decree.

10. SEVERABILITY

In case any one or more of the provisions or parts of a provision contained in this GLA shall, for any reason, be held to be invalid, illegal or unenforceable in any respect, such invalidity, illegality or unenforceability shall not affect any other provision or part of a provision of this GLA; and this GLA shall, to the fullest extent lawful, be construed as if such invalid or illegal or unenforceable provision, or part of a provision, had never been contained herein.

11. GOVERNING LAW

This GLA and the associated undertaking shall be governed and interpreted in accordance with the laws of India subject to the exclusive jurisdiction of the Courts at New Delhi.





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Schedule 2

Acceptance & Undertaking

In consideration of the foregoing, the E-YUVA Centres, intending to be admittedly bound by the terms set forth above, undertake as stated below;

The E-YUVA Centre shall;

- i. Carry out the core activities to implement the scheme and conform to the specified guidelines appended herein as **Schedule 3**.
- ii. Meet the resources for the implementation activities to the extent as agreed to as per the GLA.
- iii. Execute the Implementation Mechanism in consultation with BIRAC with regard to grant opportunity announcements, selection criteria, disbursement of fellowships, reporting and monitoring modules and other related activities under E-YUVA Scheme.
- iv. Enter into necessary arrangements with the fellows and submit the true copy of such documents within a reasonable time period.
- v. Obtain all the necessary requisite approvals, clearance certificates, permissions and licenses from the Government/local authorities for conducting its operations in connection with E-YUVA Scheme.
- vi. Submit disbursement details and statement of accounts for the expenditure incurred under E-YUVA for the half year, ending 30th September and 31st March, to BIRAC, within a month of closure of the accounts for respective half year, in the format prescribed by BIRAC.
- vii. Share the progress reports of the scheme beneficiaries to BIRAC as per the corresponding milestones and participate in the meetings organized by BIRAC to review the progress of scheme, as and when called for.
- viii. Permit BIRAC access to the premises, during regular business hours and provide all information and produce or make available the concerned records for inspection and monitoring of the E-YUVA activity, required by BIRAC.
- ix. Provide mentorship and handholding for activities related to implementation.
- x. Utilize the amounts sanctioned by BIRAC for E-YUVA only and for the purposes as specified in the scheme and shall not entrust the implementation to another agency or divert the grant-in-aid assistance;
- xi. Abide by the decision of BIRAC to modify the objectives, outputs and funding modalities or of its components after mutual discussion.
- xii. Acknowledge the assistance of BIRAC while publishing or presenting in any manner the details of E-YUVA, its progress or its success or commercialization of the Product.

xiii. If required, E-YUVA Centre will enter into an agreement with EYUVA knowledge partners for enabling effective implementation as per the mechanism specified in the Guidelines.

[Signature]

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- xiv. Refrain from sub-delegation or outsourcing of the obligations under this GLA without express permission of BIRAC except as provided for in the Project Document.
- xv. Convey by incorporation of relevant terms in the fellows' agreements that the results of the supported Projects are to be managed as per Scheme Guidelines.

IN ACCEPTANCE WHEREOF the E-Yuva Centre hereto through their duly authorized representatives has signed this undertaking as set below:

For and on behalf of the "E-Yuva Centre",	
Date and Place:	09/07/2021 and Rajkot
Signature	
Name	Dr. Divyanshu D. Vyas
Designation	Registrar (IIC)
Seal/Official Seal	
Witnesses	
Signature	
Name	Dr. Samir Vaidya
Address	'Haridarsan' 14, Rudramasagar, Rajkot - 360005 Gujarat (India)





Schedule 3

Scheme Guidelines

1. About the scheme:

E-Yuva scheme is mandated to promote a culture of applied research and need-oriented (societal or industry) entrepreneurial innovation among young students and researchers. The scheme provides funding support (through fellowship and research grant), technical and business mentoring, exposure to bioincubation model, orientation to entrepreneurial culture etc. to students at various levels including undergraduates, post-graduates and post-doctoral.

This BIRAC's scheme is implemented through dedicated hubs called E-Yuva Centers (EYCs) housed within the University/Institute set up and mentored by a BIRAC BioNEST supported bio-incubator. EYCs act as anchors and extend requisite support and mentoring to students. Each EYC has a BIRAC supported pre-incubation space which offers infrastructure and equipment for basic research and experimentation by selected students. Advanced research needs are fulfilled through bio-incubator connect.

The scheme provides support under following two categories:

- a. BIRAC's Innovation Fellows (for post graduates and above)
- b. BIRAC's E-Yuva Fellows (for under graduate students)

BIRAC supported EYCs encompass the following:

- Pre-incubation space (3,000 sq. ft. or more)
- Manage Fellowships for students as per categories mentioned above
- Conduct Entrepreneurial Awareness Workshops for students

2. E-Yuva Centres (EYCs)

2.1. Eligibility of EYC

University/Institution established as a legal entity under the relevant Law of India having at least 51% Indian stakeholders (owners/partners/trustees/ members/associates etc.) is eligible to apply. The University/Institution could be Public (Central/State)/Private owned. Other mandatory conditions are as follows:

- Applicant University/Institution should have a Department in Life Sciences stream (Biotechnology/Biosciences/Agriculture /Horticulture/ Food technology etc.) for technical support
- Age of the applicant University/Institution should be at least 3 years or more
- Presence of an Innovation supporting formal body, such as E-Cell/ Institutional Innovation Centres/ IP Cells/ TTOs / Incubation Centres etc. is a must

Research of the applicant organization to have:





- Connect with a Bio-incubator
- Network of experts who can provide technical/business mentorship to fellows

Applications for EYC need to be routed through the Head of the University/Institution. The Head of the University/Institution shall appoint/nominate the Project Lead as a contact point for BIRAC EYC until a dedicated staff is appointed for the same.

2.2.Roles and Responsibilities of EYCs

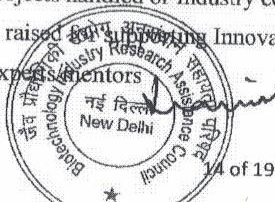
- View and process online applications received for fellowship
- Screen applications for eligibility and suitability for the scheme
- Carry out online Technical Review of eligible applications through Subject Experts (Reviewers)
- Shortlist proposals for interview(F2F/skype/telephonic) by an Expert Panel
- Communicate decision to applicants at each step of selection
- Seek BIRAC approval on final selection of fellows or their eligibility
- Issue fellowship award letter to the selected candidates on behalf of BIRAC
- Release fellowship and research grant received from BIRAC
- Provide mentorship, handholding and access to facilities at EYC and EYC Knowledge Partner for BIRAC's Innovation and E-YUVA Fellows
- Monitor the targeted milestones
- Organize periodic review meetings
- Provide mentorship and handholding for domain expertise, entrepreneurship and activities including but not limited to IP management, mobilizing resources and other business development related activities
- Provide platforms/opportunities for interaction with experts.
- Provide periodic updates and reports on progress of Fellows to BIRAC
- Conduct entrepreneurial workshops
- Any other activity required for effective implementation of fellowships on mutual consent with BIRAC.

2.3.Criteria for selection of BIRAC's E-Yuva Centers

The BIRAC EYC Committee will be responsible for selection of the new centers taking following criteria into consideration:

- Allocation of dedicated space & relevant infrastructure ready for use.
- Past experience of conducting innovation promoting/entrepreneurial programs desirable
- Number of Startups formed by the students (in biotech or any other area)
- Number of Patents filed from the University/ Institution
- No. of Industry projects handled or Industry connects
- Funds received or raised for supporting Innovations
- Accessibility to experts/mentors

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- h. Willingness & commitment from the Head of the University/Institution to support the program
 - i. Availability of IP, regulatory, business support to the EYC fellows. The Institute should be willing to support EYC fellow to facilitate networking through individual/group.
 - j. Connects with bioincubators and other organizations actively promoting Entrepreneurship
- BIRAC encourages applications from Tier II/III cities for EYCs.*

2.4. Selection Process

- a. The EYC Committee will be responsible for evaluation and selection process
- b. After eligibility check, the proposals received will be evaluated by the EYC Expert Committee on various parameters mentioned in the previous section.
- c. The shortlisted proposals will be called for presentation at BIRAC.
- d. On the basis of presentation, the Committee will recommend the proposals for a site visit or direct consideration.
- e. After the site visit (if recommended) the recommendations of the site visit committee would be presented to the EYC committee chair for final decision on funding.
- f. Once recommended for support, GLA signing will be done with the applicant after financial due diligence.

2.5. Tenure of EY Centress

EYCs will be engaged for an initial duration of 3 years, extendable further based on performance review. The performance of the EYCs would be evaluated annually.

3. E-Yuva Knowledge Partner

For the mentoring of Innovation Fellows and for providing overall guidance to EYCs, BIRAC will assign engagement with BioNEST supported Bio-incubators. Each EYC will be formally associated with a BioNEST supported bioincubator, which shall provide necessary handholding and mentoring to EYCs and Innovation Fellows. The knowledge partner will engage with the fellows throughout the award period and provide overall guidance. Bio-incubators will act as brand ambassador for the program and will help in its outreach.

4. BIRAC's Innovation & E-Yuva Fellows:

The scheme provides support under following two categories:

- 1. BIRAC's Innovation Fellows (for post graduates and above)
- 2. BIRAC's E-Yuva Fellows (for under graduate students)

Fellows will be selected through National level application and short listing process in collaboration with EYCs and EYC knowledge partners.

Areas covered

BIRAC's Innovation Fellowship proposals can be submitted in any domain including Healthcare, New Research, Diagnostics, Medical Devices, Drugs, Vaccines, Drug Formulations and delivery





systems, Industrial Biotechnology, Bioinformatics, Agriculture, Secondary agriculture, Waste Management, Sanitation, Clean Energy and Artificial Intelligence/IoT/ Automation with application in any of these areas.

BIRAC encourages interdisciplinary proposals from any stream that can help conversion of innovative ideas into biotech products and technologies in any of the above fields.

4.1. BIRAC's Innovation Fellows:

4.1.1. Eligibility:

- An Indian Student who has completed Masters/ Ph.D in any discipline is eligible to apply for this fellowship.
 - In case of PhD candidates, the fellow should apply within 2 years of completion of degree.
 - In case of Masters candidates, the fellow should apply within 3 years of completion of degree.

Female candidates are exempt from the above condition.

Other requirements:

- BIRAC's Innovation fellows are required to work full time at EYC
- Students pursuing Ph.D cannot be considered for fellowship grant
- Selected fellows cannot pursue Ph.D. during the fellowship tenure

4.1.2. Nature of Proposals Supported:

- Translational research (Refer definition at pt.6 in Schedule 3) proposals to develop innovative products and technologies with a potential to address unmet needs.
- BIRAC's Innovation Fellows are expected to initiate biotech start ups. Hence, only proposals with potential to commercialize innovative products and technologies will be considered for support.

4.1.3. Number and Duration of Fellowship:

- Each EYC can have 3 Innovation Fellows at any given time.
- Fellowship is provided for a period of 18 months with a provision of 6 months extension only for deserving cases.

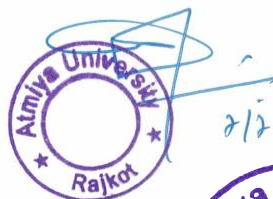
4.1.4. Support Provided to Fellows Under the Scheme:

BIRAC's Innovation Fellows will receive fellowship grant and annual research grant as mentioned below:

Fellowship grant:

- INR 30,000 per month for Post-graduate fellow
- INR 30,000 per month for Post-doctoral fellow

Annual research grant:





- INR 2,00,000 per year for Post-graduate fellow
- INR 5,00,000 per year for Post-doctoral fellow

EYCs and BIRAC provide continuous mentoring support to fellows, including but not limited to Technical Mentoring, IP Support, Legal Support, Networking and Outreach, Trainings, Regulatory Advice, Business Mentoring and Fund raising.

4.1.5. Expected Deliverable:

The scheme’s mandate is to promote and encourage young students for embracing translational research to develop innovative products and technologies addressing unmet needs. The work supported through BIRAC’s Innovation Fellows are expected to work towards

- Individual to Company(I to C) conversion
- IP creation

4.2. BIRAC’s E-Yuva Fellows:

4.2.1. Eligibility:

- A team of upto 5 Indian students from Indian Institutes/College pursuing under graduation in any domain. Teams with students from different disciplines are encouraged. One team can have students from same/different college/institute.
- The team should be supported by a mentor/guide.
- The team should apply through an E-cell of a College/Institute. In case, the team comprises students from different colleges/institutes, each team member student’s college/institute should have an E-Cell/Institutional Innovation Council/ Incubation Centres.

BIRAC’s E-Yuva Fellows shall pursue their research work at their College/University labs and will also be allowed access to facilities at EYC and EYC Knowledge Partners as and when required. It will be mandatory for all the fellows to spend 3-4 weeks at EYC/EYC Knowledge Partner during their fellowship period.

4.2.2. Nature of Proposals Supported:

Proposal should:

- be original
- apply interdisciplinary knowledge
- aim at development of innovative Biotech products/technologies with societal/commercial potential

4.2.3. Number and Duration of Fellowship:

Each EYC will support up to 5 teams with upto 5 students each every year.

Fellowship is provided for a period of 12 months.





4.2.4. Support Provided to Fellows Under the Scheme:

BIRAC’s E-Yuva Fellows will receive quarterly stipend and annual research grant as mentioned below:

Quarterly Stipend: INR 7,500 per quarter per student of the team

Annual research grant: INR 2,50,000 per team

Note: Stipend is released quarterly to student’s account, subject to Mentor’s approval. Annual research grant is released in two installments (1st installment: 75%; 2nd installment: 25%) to the Institute’s account and is managed by the mentor/guide.

EYCs, EYC knowledge partners and BIRAC provide continuous mentoring support to fellows, including but not limited to Technical Mentoring, IP Support, Legal Support, Networking and Outreach, Trainings, Regulatory Advice, Business Mentoring and Fund raising.

4.2.5. Expected Deliverable:

- Create a culture of innovation at Undergraduate student level in academic Institutions.
- Capacity building at UG level
- Opportunity creation and access for Biotech Entrepreneurship facilitated by BIRAC

4.3. Application & Selection process for both categories of fellowships:

- The applications for both categories of fellowships will be invited at the national level through advertisements in national dailies/website/ suitable magazines. The application will be submitted online through BIRAC portal. In the application form, the applicant will be asked to indicate up to 3 choices for E-Yuva Centres.
- The Centre-wise list of applicants will be created and sent to E-cells/respective Centre for eligibility check and further evaluation.
- The shortlisted applicants/teams will be called for a presentation before a Technical Expert Committee along with BIRAC nominee at respective EYCs.
- The selected applicants will be called as BIRAC’s E-Yuva Fellows & BIRAC’s Innovation Fellows and will enter into an agreement with EYC.

5. Intellectual Property:

The IP generated during the fellowship program would rest with the innovators and neither BIRAC nor EYCs would claim the IP rights.

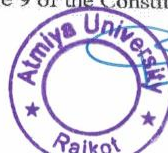
6. Definitions:

Translational Research: Translational research refers to application of knowledge for advancement of basic research to clinical research. This can be quantified on a Technology Readiness Level scale of 1 to 9 (ref. Annexure 1/www.birac.nic.in).

Indian Citizen: An Indian citizen is defined as one who is in possession of a government issued proof of nationality such as a valid passport. NRIs are Indian citizens. OCI/PIO card holders are not eligible for this scheme. As per Article 9 of the Constitution of India 1949,



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people voluntarily acquiring citizenship of a foreign state are not deemed to be citizens. In case, a student does not have a valid passport, Adhaar Card along with a declaration attested by a Class I gazetted officer can be submitted as a proof of nationality.





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Chemicals from O2H

o2h
discovery

TO WHOMSOEVER IT MAY CONCERNS

o2h Discovery has an integrated drug discovery platform operating from its state-of-the-art research center at Ahmedabad, India and offices in Cambridge, UK. o2h Ahmedabad research center has in-house capabilities to execute hit-lead-optimization drug discovery programs leading into patent and IND filing. The incubator has Chemistry, Analytical Development and In-vitro Biology laboratories equipped with cutting edge technology to support high paced medicinal chemistry projects.

To execute the research and development programme, o2h procured chemicals which is no more in use at o2h, such chemicals o2h would be distributing free of cost to Research Students for their research studies purpose as a donation.

Once chemicals handed over to universities/colleges, under no circumstances o2h will be liable for any legal responsibilities for the use, storage, quench or any other occurrence happens due to chemicals. College/University will be responsible for all the actions/any legal matters for its handling and storing condition.

Representative Sign of College/University

Name of college/University: _____

Date: _____

(Signature)
Hod of Department
Department of Chemistry
Faculty of Science
Atmiya University
Rajkot

(Signature)
Sign on behalf of o2h
Dharmesh Shah/Hitesh Dabhi
Date: 12/05/2023

seeding new ideas in life science, tech and social enterprise

o2h Discovery Private Limited
(Formerly known as Oxygen Healthcare Research Pvt. Ltd.)
Sharmista Research Centre, Plot 35, Pancharatna Industrial Estate, Sarkhej Bavla Road, Changodar,
Ahmedabad - 382213. Gujarat, India Telephone : +91 (02717) 687700
CIN Number : U73100GJ2004PTC044983

(Signature)

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**





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**NAAC – Cycle – 1
AISHE: U-0967**

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1

M 3.2.2

Atmiya University Registrar, Rajkot-Gujarat-India

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Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
1	4-CYANO-3-FLUOROPHENYLBORONIC ACID	843663-18-3	Combi-Block	5g	4944.6	1.5g	1483.38
2	2-BROMO-PHENYLBORONIC ACID	244205-40-1	Combi-Block	25g	4120.5	12g	1977.84
3	(1-METHYL-1H-PYRAZOL-5YL)BORONIC ACID	720702-41-0	Combi-Block	25g	7004.85	15g	4202.91
4	3-FLUOROPYRIDINE-4-BORONIC ACID	458532-97-3	Assembly Blocks	10g	35106.66	7g	24574.662
5	4-FLUROPHENYLBORONIC ACID	1765-93-1	Combi-Block	25g	1650.9	8gm	528.288
6	CYCLOPROPYLBORONIC ACID	411235-57-9	Combi-Block	25g	6180.75	10g	2472.3
7	2-BENZYLOXYPHENYLBORONIC ACID	190661-29-1	SigmaAldrich	5g	6543	5g	6543
8	PYRIDINE-3-BORONIC ACID	1692-25-7	Combi-Block	50g	4120.5	14 gm	1153.74
9	PHENYLBORONIC ACID	95 98-80-6	Spectrochem	25g	3800	5g	760
10	4-BENZYLOXYPHENYLBORONIC ACID	146631-00-7	Combi-Block	5g	995	2.5g	497.5
13	PYRIDINE-3-BORONIC ACID	1692-25-7	Combi-Block	25g	995	10g	398
14	2-METHOXYPHENYLBORONIC ACID	6/9/5720	Combi-Block	5g	4120.5	2g	1648.2
15	2-BENZYLOXYPHENYLBORONIC ACID	190661-29-1	Combi-Block	5g	995	1g	199
16	3-AMINOPHENYLBORONIC ACID	30418-59-8	Combi-Block	5g	1977.84	2g	791.136
17	3-FLURO-5-METHOXYCARBONYLPHENYLBORONIC ACID	871329-62-3	GLR innovatiom	10g	19818	4g	7927.2
18	4-FLURO-3-METHOXYBENZENEBORONIC ACID	854778-31-7	Apollo Specidic Limited	5g	4962.44	5g	4962.44
19	E-PHENYLETHENYLBORONIC ACID	5/7/6783	Combi-Block	5g	6592.8	1g	1318.56
20	2-METHYLPYRIDINE-4-BORONIC ACID	579476-63-4	Combi-Block	5g	6592.8	1g	1318.56
21	Thiophene-2-sulfonyl Chloride	16629-19-9	Spectrochem	5 gm	3900	2 gm	1560
22	3-(HYDROXYMETHYL)PHENYL-BORONIC ACID	87199-15-3	Aldrich	10g	19702.5	5g	9851.25
23	5-CHLORO-2-METHOXYPHENYLBORONIC ACID	89694-48-4	Combi-Block	5g	988.92	3g	593.352
24	PYRIDINE-3-BORONIC ACID	1692-25-7	Combi-Block	25g	4120.5	1g	164.82
25	4-IODOPHENYLBORONIC ACID	5122-99-6	Combi-Block	25g	7416.9	10g	2966.76
26	PYRIDINE-3-ALDEHYDE	500-22-1	Spectrochem	100g	11000	10g	1100
27	3-BROMOBENZALDEHYDE	3132-99-8	Spectrochem	100ml	2200	20ml	440
28	2-CHLOROBENZYLAMINE	89-97-4	Aldrich	25g	3600	10g	1440
29	1,2,3,4-TETRAHYDROISOQUINOLINE	91-21-4	Combi-Block	100g	7828.95	25g	1957.2375
30	2-METHYLACETOPHENONE	577-16-2	Combi-Block	100g	4120.5	60g	2472.3
31	DIPHENYLPHOSPHORAZIDATE	26386-88-9	Spectrochem	25g	1260	8g	403.2

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Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
32	5-AMINOINDAN	24425-40-9	Aldrich	50g	38405	25g	19202.5
33	LAWESSON'S REAGENT	19172-47-5	Aldrich	10g	2175.6	8g	1740.48
34	QUINOLINE	91-22-5	Avra	100 ml	650	80 ml	520
35	MECHLORETHAMINEHYDROCHLORIDE	55-86-7	Aldrich	25g	14332.64	11g	6306.3616
36	(S)-(-)-1-PHENYLETHANOL	1445-91-6	Combi-Block	25g	3296.4	20g	2637.12
37	2-CHLORO-5-METHYL-PYRIMIDINE	70258-18-3	BLDpharm	5g	474	2g	189.6
38	5-BROMOISOQUINOLINE	34784-04-8	BLDpharm	25g	1877	15g	1126.2
39	4-Bromo-3-methoxyaniline	19056-40-7	Apollo	10 gm	1386	15 gm	2079
40	2-BROMO-4-NITROPHENOL	5847-59-6	Combi-Block	5g	1153.74	1g	230.748
41	4-FLOURO-2-HYDROXYACETOPHENONE	1481-27-2	Combi-Block	100g	18954.3	50g	9477.15
42	PHENYLACETYL CHLORIDE	103-80-0	TCI	25g	1900	12g	912
43	2,4-DIFLUROBENZALDEHYDE	1550-35-2	Apollo	100g	4874.1	50g	2437.05
44	1-BROMO-2-(TRIFLUROMETHOXY)BENZENE	97 64115-88-4	Combi-Block	5g	824.1	1g	164.82
45	ethyl 4,6-dichloronicotinate	40296-46-6	Combi-Block	25g	4944.6	10g	1977.84
46	DIPHENYLPHOSPHORYLAZIDE	26386-88-9	Aldrich	5g	1975.8	3.5g	1383.06
47	3-BROMO-4-FLUROANILINE	656-64-4	Combi-Block	25g	1648.2	8g	527.424
48	2-CHLORO-1H-BENZO[d]IMIDAZOLE	6/1/4857	BLDpharm	10g	948	5gm	474
49	2-PYRIDINEACETONITRILE	2739-97-1	TCI	50g	10350	35g	7245
50	2-(Trifluoromethyl)aniline	88-17-5	SigmaAldrich	5 gm	2286	3 gm	1371.6
51	2,3-DIAMINOTOLUENE	2687-25-4	alfa aesar	25g	26427.45	4g	4228.392
52	4-AMINOPYRIDINE	504-24-5	astatech	25g	2300	4g	368
53	1-HYDROXYCYCLOPENTANECAROXylic ACID	16841-19-3	combi-blocks	5g	13597.65	1.5g	4079.295
54	BIS(2-BROMOETHYL) ETHER	5414-19-7	alfa aesar	25g	12678.59	15g	7607.154
55	N-(2-BROMOETHYL)PHTHALIMIDE	574-98-1	sigmaaldrich	25g	3629.7	10g	1451.88
56	3-Bromo-4-methylaniline	7745-91-7	combi-blocks	25 gm	1238.18	20 gm	990.544
57	3-IODOPHENOL	626-02-8	spectrochem	25g	5000	15g	3000
58	BROMOACETONITRILE	590-17-0	combi-blocks	25 ml	3500	10ml	1400
59	1,1'-BIS(DIPHENYLPHOSPHINO)FERROCENE-PALLADIUM(II)DICHORIDE DICHOROMETHANE	95464-05-4	combi-blocks	5g	10218.84	1g	2043.768
60	3,5-DIFLUROBENZYL BROMIDE	141776-91-2	sigmaaldrich	5g	3108	3g	1864.8



Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
61	2,6-DIBROMOPHENOL	608-33-3	sigmaaldrich	10g	7681.2	1g	768.12
62	3-BROMOACETOPHENONE	2142-63-4	spectrochem	25g	1100	10g	440
63	N-(3-BROMOPROPYL)PHTHALIMIDE	5460-29-7	sigmaaldrich	25g	3629.7	15g	2177.82
64	4-IODOBENZYLAMINE HCL	59528-27-7	combi-blocks	5g	5356.65	3g	3213.99
65	6-(Trifluoromethyl)-1,2,3,4-tetrahydroisoquinoline	284027-37-8	J&Wpharma	1 gm	33438	1 gm	33438
66	1-(4-ETHYLPHENYL)METHANAMINE	7441-43-2	fluorochem	5g	16539.67	4g	13231.736
67	T-BOC-N-AMIDOPEG2-CH2CO2H	108466-89-3	broadpharma	5g	39517.68	2ml	15807.072
68	DICYCLOHEXYL(2,6-DIMETHOXYBIPHEYL-2-YL)PHOSPHINE	657408-07-6	combi-blocks	1g	824.1	0.75g	618.075
69	6-FLURO-1,2,3,4-TETRAHYDROXYISOQUINOLINE	224161-37-9	ASTA TECH	5000	84410	10 mg	168.82
70	Phenylacetaldehyde (F)	122-78-1	SigmaAldrich	100 ml	4160	80 ml	3328
71	1,1-DIBROMO-3,3,3-TRIFLUOROACETONE	431-67-4	combi-blocks	5 gm	5400	2ml	2160
72	(S)-3-FORMYL-MORPHOLINE-4-CARBOXYLIC ACID TERT-BUTYL ESTER	218594-01-5	J&Wpharma	1g	32766.74	0.1g	3276.674
73	PALLADIUM ACETATE	3375-31-3	combi-blocks	5g	30903.75	2g	12361.5
75	1,3-DIHYDRO-2H-PYRROLO[2,3-B]PYRIDIN-2-ONE	5654-97-7	chemscene	1g	1852	0.5g	926
76	2-IODOANILINE	615-43-0	spectrochem	25g	5250	15g	3150
77	4-CHLORO-2-METHOXPYRIDINE	72141-44-7	combi-blocks	25g	14421.75	2g	1153.74
78	1-BOC-4-PIPERIDINE	79099-07-3	spectrochem	25g	1900	10g	760
79	[2-AMINOERHYL]PIPERIDINE	22990-77-8	TCI	25g	34000	10g	13600
80	FLUOROACETONITRILE	503-20-8	TCI	5g	8000	2g	3200
81	3-CHLORO-4-FLUOROANILINE	367-21-5	combi-blocks	25g	1648.2	5g	329.64
82	2-FLURO-5-FORMYLBENZONITRILE	218301-22-5	combi-blocks	25g	3296.4	2g	263.712
83	4-AMINO-2-BROMOPYRIDINE	7598-35-8	combi-blocks	25g	6180.75	5g	1236.15
84	3-4-DICHLOROBENZALDEHYDE	6287-38-3	alfa aesar	25g	4939.71	10g	1975.884
85	4(3H)-PYRIMIDINONE	4562-27-0	TCI	5g	6400	3g	3840
86	PALLADIUM(2)ACETATE	3375-31-3	alfa aesar	2g	58041.59	0.2g	5804.159
87	Silver Sulphate	10294-26-5	John Baker	25 gm	18215.1	25 gm	18215.1
88	2,4-DICHLOROPHENYLHYDRAZINE	5446-18-4	combi-blocks	5g	98892	5g	98892
89	2,2,2-TRIFLUOROETHYL FORMATE	32042-38-9	sigmaaldrich	5g	16328.1	3g	9796.86
90	ETHYL INDOLE-2-CARBOXYLATE	3770-50-1	avra	25g	6000	8g	1920





Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
91	ISOPHTHALALDEHYDE	626-19-7	spectrochem	25g	1400	10g	560
92	5-METHOXY-2-NITRONENZALDEYDE	20357-24-8	BLD pharm	25g	9008	10g	3603.2
93	4-Chlorobenzylamine		combi-blocks	25 gm	825.46	12 gm	396.2208
94	4-ETHOXYBENZHDRAZIDE	97 3290-99-1	alfa aesar	5g	18853.23	2g	7541.292
95	Methacrylic acid	79-41-4	TCI	25 gm	2100	10 gm	840
96	1,2,3,4-TTRAHYDROISOQUINOLINE	91-21-4	combi-blocks	5 gm	822	1 gm	164.4
97	6-Bromoquinolin-2(1H)-one	1810-66-8	combi-blocks	1 gm	1650.91	0.5 gm	825.455
98	OXAZOLIDIN-2-ONE	497-25-6	BLD pharm	25g	853	15g	511.8
99	METHYL 5-CHLOROPYRAZINE-2-CARBOXYLATE	33332-25-1	COMBI-BLOCKS	25g	1320.65	24g	1267.824
100	METHYL 4-BROMO-2-METHOXYBENZOATE	139102-34-4	COMBI-BLOCKS	25g	4539.73	10g	1815.892
101	METHYL PIPERIDINE-4-CARBOXYLATE	2971-79-1	COMBI-BLOCKS	25g	1650.81	10g	660.324
102	ETHYL 5-METHYL-4H-1,2,4-TRIAZOLE-3-CARBOXYLATE	40253-47-2	FLUROCHEM	1g	4796.5	0.4g	1918.6
103	ETHYL 2-AMINO-2-THIOXOACRTATE	16982-21-1	BLDpharm	25g	2346	20g	1876.8
104	2-CHLORO-4-(TRIFLUOROMETHYL)BENZENESULPHONYL CHLORIDE	175205-54-6	APOLLO	25g	10847	10g	4338.8
105	CYCLOPROPANE CARBONYL CHLORIDE	4023-31-1	Spectrochem	25g	1800	20g	1440
106	3-AMINO-4-(TRIFLOROMETHYL)PYRIDINE	175204-80-5	APOLLO	5g	8269.84	5g	8269.84
107	4-CHLOROPYRIDINE-2-CARBALDEHYDE	63071-13-6	COMBI-BLOCKS	5g	15496.5	7g	21695.1
108	2-AMINOTHIAZOLE-5-CARBOXALDEHYDE	1003-61-8	SigmaAldrich	1g	12099	0.5g	6049.5
109	3-ISOPROPYL-1-METHYL-1H-PYRAZOL-5-AMINE	(3702-12-3)	COMBI-BLOCKS	5g	7608.25	3g	4564.95
110	DIMETHYL ACETYLENEDICARBOXYLATE	762-42-5	COMBI-BLOCKS	25g	6200	20g	4960
111	5-CHLOROPYRIDINE-2-CARBALDEHYDE	31181-89-2	COMBI-BLOCKS	5 g	21400	3g	12840
112	4-CHLOROQUINAZOLINE	5190-68-1	sigmaaldrich	1 gm	3950	3 gm	11850
113	3-Iodobenzoic acid	618-51-9	BLD pharm	25 gm	742.25	12 gm	356.28
114	TERT-BUTYL CARBAZATE	870-46-2	Combi-blocks	25 gm	4400	20 gm	3520
115	4-NITRO-Alpha TOLUENESULFONYL CHLORIDE	4025-75-6	alfa aesar	5 g	1305	3 gm	783
116	3-METHYL-1,2,3,4-TETRAHYDROQUINAZOLIN-2-ONE	24365-65-9	Enamine	50 gm	4839.6	3 gm	290.376
117	3-CHLORO-4-FLUOROANILINE	367-21-5	Combi-blocks	25 gm	2063	20 gm	1650.4

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Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
118	1H-BENZOTRIAZOL-1-YLOXYTRIPYRROLIDINOPHOSPHONIUM HEXAFLUOROPHOSPHATE	128625-52-5	TCI	25 gm	8700	25 gm	8700
119	2-HYDROXY-5-METHYLACETPHENONE	1450-72-2	TCI	25 gm	8900	20 gm	7120
120	2-(TRIFLUOROMETHYL)BENZOYL	312-94-7	sigmaaldrich	25 gm	9000	2 gm	720
121	ETHYL 6-BROMOIMIDAZOL[1,2-a]PYRIDINE-2-CARBOXYLATE	67625-37-0	Combi-blocks	1 gm	3136.73	1 gm	3136.73
122	1-BENZYL-3-CARBETHOXY-4-PIPERIDONE	1454-53-1	Combi-blocks	25 gm	1650.91	25 gm	1650.91
123	4-FLUOROBENZOYL CHLORIDE	403-43-0	BLD pharm	25 gm	742.71	15 gm	445.626
124	8-QUINOLINESULFONYL CHLORIDE	18704-37-5	Combi-blocks	25 gm	1650.91	3 gm	198.1092
125	2-METHOXY BENZOYL CHLORIDE	21615-34-9	TCI	25 gm	6700	10 gm	2680
126	2-MERCAPTO-1-METHYLIMIDAZOLE	60-56-0	TCI	25 gm	4600	20 gm	3680
127	OXAZOLIDIN-2-ONE	497-25-6	BLD pharm	25 gm	742.71	20 gm	594.168
128	4-PIPERIDINECARBOXAMIDE	39546-32-2	sigmaaldrich	25 gm	4440	5 gm	888
129	3-BROMO-4-CYANOPYRIDINE	13958-98-0	BLD pharm	25 gm	21214.19	15 gm	12728.514
130	3-AMINOPIPERIDINE-2,6-DIONE HCL	24666-56-6	Combi-blocks	25 gm	4288.38	10 gm	1715.352
131	7-BROMOINDOLE	51417-51-7	BLD pharm	10 gm	4044.73	10 gm	4044.73
132	2-AMINONICOTINIC ACID	5345-47-1	Apollo	25 gm	5300	30 gm	6360
133	1-NAPHTHALDEHYDE	66-77-3	BLD pharm	100 gm	2971.64	80 gm	2377.312
134	Magnesium chloride	7786-30-3	SDFCL	500 gm	402	400 gm	321.6
135	Ferrous sulphide	1317-37-9	SDFCL	1 kg	1086	1 kg	1086
136	Potassium sodium tartrate	6381-59-5	SDFCL	100 gm	288	900 gm	2592
137	Sodium azide	26628-22-8	Spectrochem	500 gm	3230	300 gm	1938
138	Sodium iodide	7681-82-5	Spectrochem	500 gm	7200	1900 gm	27360
140	Sodium chlorite	7758-19-2	SDFCL	250 gm	1140	150 gm	684
141	Copper(I) iodide	7681-65-4	Sigma Aldrich	50 gm	2300	60 gm	2760
142	Sodium triacetoxymethylborohydride	56553-60-7	Spectrochem	25 gm	1080	5 gm	216
143	N-(3-Dimethylaminopropyl)-N'-ethylcarbodiimide hydrochloride	25952-53-8	Spectrochem	25 gm	990	10 gm	396
144	Dipotassium hydrogen phosphate	(07758-11-4)	SDFCL	500 gm	770	500 gm	770
145	2-Chlorobenzoic Acid	118-91-2	SDFCL	500 gm	2539	250 gm	1269.5



Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
146	Potassium fluoride	7789-23-3	Spectrochem	500 gm	990	400 gm	792
147	Potassium peroxodisulfate	7727-21-1	Spectrochem	500 gm	715	500 gm	715
148	Polyethylene glycol	25322-68-3	SDFCL	2.5 ltr	2921	4 ltr	4673.6
149	N-Hydroxyphthalimide	524-38-9	Sigma Aldrich	500 gm	11943	300 gm	7165.8
150	Potassium phthalimide	1074-82-4	SDFCL	500 gm	1214	100 gm	242.8
151	di-Potassium hydrogen phosphate	(7758-11-4)	SDFCL	500 G	15750	400 gm	12600
152	Iron powder	7439-89-6	SDFCL	1 kg	1292	1 kg	1292
153	Magnesium Sulphate	10034-99-8	SDFCL	500 gm	298	300 gm	178.8
154	Phthalic anhydride	85-44-9	SDFCL	500 gm	528	200 gm	211.2
155	Methylamine Hydrochloride	593-51-1	SDFCL	250 gm	582	150 gm	349.2
156	Potassium pentoxide	41233-93-6	SDFCL	250 ML	10755.9	200 gm	8604.72
157	Zinc cyanide	557-21-1	SDFCL	500 gm	2280	300 gm	1368
158	Urea	57-13-6	SDFCL	500 gm	541	100 gm	108.2
160	Copper(II) sulfate pentahydrate	7758-99-8	SDFCL	500 gm	1324	400 gm	1059.2
161	Succinic anhydride	108-30-5	SDFCL	500 gm	2035	200 gm	814
162	Sodium sulfate anhydrous	7757-82-6	SDFCL	500 gm	289	300 gm	173.4
163	Ammonium formate	540-69-2	SDFCL	500 gm	661	200 gm	264.4
164	Zinc chloride	7646-85-7	SDFCL	500 gm	744	400 gm	595.2
165	Sodium formate	141-53-7	SDFCL	500 gm	480	200 gm	192
166	Lithium Hydroxide	1310-65-2	SDFCL	100 gm	3100	100 gm	3100
167	Cetyltrimethylammonium Bromide	57-09-0	Spectrochem	100 gm	6200	70 gm	4340
168	L-Valine	72-18-4	Spectrochem	25 gm	275	25 gm	275
169	Tetrabutylammonium hydrogen sulfate	32503-27-8	Spectrochem	25 gm	775	50 gm	1550
170	Benzyltrimethylammonium chloride	56-93-9	Spectrochem	100 gm	330	200 gm	660
171	Phthalimide	85-41-6	Spectrochem	500 gm	600	900 gm	1080
172	Lithium hydroxide monohydrate	1310-65-2	Spectrochem	100 gm	3100	200 gm	6200
173	Potassium fluoride	7789-23-3	Spectrochem	500 gm	990	400 gm	792
174	N-Hydroxysuccinimide	6066-82-6	Spectrochem	25 gm	720	15 gm	432
175	tert-Butyl carbazate	870-46-2	Spectrochem	25 gm	2000	25 gm	2000
176	Hydrazine hydrate 99 %	7803-57-8	Spectrochem	500 ml	1320	5500 ml	14520
178	Sodium borohydride	16940-66-2	Spectrochem	100 gm	1500	70 gm	1050

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Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
180	2-Amino-4-chlorophenol	95-85-2	Spectrochem	100 gm	2100	70 gm	1470
181	Benzyl chloroformate	501-53-1	Spectrochem	100 ml	1600	20 ml	320
182	Potassium tert-butylate	865-47-4	Sigma Aldrich	500 gm	17216	400 gm	13772.8
183	Potassium hydroxide	1310-58-3	Sigma Aldrich	500 gm	6290	500 gm	6290
184	Trimethyl Phosphonoacetate	5927-18-4	Sigma Aldrich	25 gm	4173	2 gm	333.84
185	Sodium acetate trihydrate	6131-90-4	Combi-Blocks	500 gm	12393.9	500 gm	12393.9
186	Triphenylphosphine	603-35-0	JOHN BAKER	100 gm	3100	150 gm	4650
187	1-Bromobutane	4562-27-0	TCI	25 gm	1800	10 gm	720
188	Ammonium metavanadate	7803-55-6	Sigma Aldrich	250 gm	12143	25 gm	1214.3
189	1,2-Epoxy-5-hexene	10353-53-4	TCI	25 gm	14500	15 gm	8700
190	4-Aminophenol	123-30-8	TCI	25 gm	2200	25 gm	2200
191	Cyclohexanemethylamine	(3218-02-8)	TCI	25 ml	6000	20 ml	4800
192	4-Isobutylbenzoic Acid	38861-88-0	TCI	10 gm	10700	5 gm	5350
193	Trichloroisocyanuric Acid	87-90-1	TCI	25 gm	2000	20 gm	1600
194	4-Chloro-1-iodo-2-nitrobenzene	(5446-05-9)	Combi-Blocks	5 gm	2396.27	2 gm	958.508
195	Ethyl pyruvate	617-35-6	Combi-Blocks	25 gm	2065.75	20 gm	1652.6
196	3-Ethoxycarbonylphenylboronic acid	4334-87-6	BLD pharm	25 gm	3387.33	20 gm	2709.864
197	2,6-Dichloro-3-methylaniline	64063-37-2	Combi-Blocks	25 gm	4957.8	20 gm	3966.24
198	Ammonium phosphomolybdate	54723-94-3	National	50 gm	18303.9	7 gm	2562.546
199	4-Methylsalicylic Acid	50-85-1	Combi-Blocks	25 gm	1239.45	15 gm	743.67
200	4-Amino-1-butanol	13325-10-5	Sigma Aldrich	5 gm	9013	3 gm	5407.8
201	Dibenzylamine	103-49-1	Sigma Aldrich	100 gm	2020	25 gm	505
202	4-Fluoro-2-nitroaniline	364-78-3	Sigma Aldrich	25 gm	4739.7	5 gm	947.94
203	Boc-Glycine	26690-80-2	Combi-Blocks	100 gm	821.13	100 gm	821.13
204	Dimethyl formide	68-12-2	Spectrochem	500 ml	425	150 ml	127.5
205	2,4-Dimethoxybenzylamine	20781-20-8	Combi-Blocks	25 gm	2892.05	25 gm	2892.05
206	tert-Butyl N-(2-bromoethyl)carbamate	39684-80-5	Combi-Blocks	5 gm	7436.7	2 gm	2974.68
207	O-Methylhydroxylamine	593-56-6	Combi-Blocks	5 gm	826.3	1 gm	165.26
208	Sodium iodate	7681-55-2	SDFCL	100 gm	2310	100 gm	2310
210	2-Bromo-5-chloroaniline	823-57-4	Combi-Blocks	5 gm	826.3	2 gm	330.52
211	Phenol	108-95-2	SDFCL	500 gm	609	500 gm	609





Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
212	Hydrazine hydrate	7803-57-8	SDFCL	500 ml	1906	10500 ml	40026
213	1,4-Diaminobutane	110-60-1	TCL	400 gm	8900	4400 gm	97900
214	Glycolic acid	79-14-1	SDFCL	500 ml	1320	500 ml	1320
215	Aluminium chloride	7446-70-0	SDFCL	500 gm	912	350 gm	638.4
216	2-Chlorophenol	95-57-8	SDFCL	500 ml	1438	500 ml	1438
217	N-Methyl-2-pyrrolidone	872-50-4	Finar	1 lit	7979	1 lit	7979
218	1,1,2-Trichloroethane	79-00-5	TCL	500 gm	6800	350 gm	4760
219	Sodium Hydride Suspension	7646-69-7	SDFCL	100 gm	895	100 gm	895
220	Barium chloride	10361-37-2	SDFCL	500 gm	437	400 gm	349.6
221	Sodium acetate	127-09-3	SDFCL	500 gm	513	400 gm	410.4
222	Potassium dihydrogen phosphate	7778-77-0	Spectrochem	500 gm	600	500 gm	600
223	Sodium dihydrogen phosphate	7558-80-7	Spectrochem	500 gm	990	300 gm	594
224	Cysteamine hydrochloride	156-57-0	Spectrochem	100 gm	1260	200 gm	2520
225	Cerium(III) Chloride	7790-86-5	Spectrochem	100 gm	5400	80 gm	4320
226	Lithium Hydroxide	1310-65-2	Spectrochem	500 gm	4800	400 gm	3840
227	Zinc acetylacetonate hydrate	108503-47-5	Sigma Aldrich	100 gm	13231	100 gm	13231
228	1,2,4-Benzenetricarboxylic acid 1,2-anhydride	552-30-7	Sigma Aldrich	500 gm	5770	500 gm	5770
229	Glyoxal trimer dihydrate	4405-13-4	Fluka	100 gm	82698.35	250 gm	206745.875
230	2-Bromo-6-methoxyphenol	28165-49-3	Angene	100 gm	12781	100 gm	12781
231	Benzyltriethylammonium Chloride	56-37-1	JOHN BAKER	500 gm	5300	500 gm	5300
232	N,N-Dimethylformamide	68-12-2	Sigma Aldrich	1 lit	10600	5 lit	53000
233	Phosphorus (red)	7723-14-0	SDFCL	500 gm	2670	500 gm	2670
234	Dimethyl Sulfate	77-78-1	Spectrochem	1000 ml	775	200 ml	155
235	Nitromethane	75-52-5	Spectrochem	1000 ml	1850	800 ml	1480
236	Cyanuric chloride	108-77-0	Sigma Aldrich	250 gm	3429.9	250 gm	3429.9
237	Methyl acetate	79-20-9	SDFCL	500 ml	699	200 ml	279.6
238	Diisopropylamine	108-18-9	SDFCL	500 ml	1452	500 ml	1452
239	Dimethyl sulfate	77-78-1	SDFCL	500 ml	981	500 ml	981
240	Acetophenone	98-86-2	SDFCL	500 ml	1216	1000 ml	2432
241	Quinoline	91-22-5	SDFCL	500 ml	2453	500 ml	2453
242	Ethylene glycol	107-21-1	Spectrochem	500 ml	515	500 ml	515

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Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
243	Di-n-butylamine	111-92-2	Spectrochem	500 ml	900	500 ml	900
244	Ammonium sulfide	12135-78-1	Sigma Aldrich	500 ml	7250	500 ml	7250
245	Diethylamine	109-89-7	Spectrochem	500 ml	2150	500 ml	2150
246	Ethyl acetoacetate	141-97-9	Spectrochem	1000 ml	1200	2000	2400
247	tert-Butyl methyl ether	1634-04-4	Spectrochem	1000 ml	1205	1000 ml	1205
248	trans-4-Aminotetrahydropyran-3-ol	215940-92-4	Assembly Block	5 gm	11092	2 gm	4436.8
249	3-Butyn-1-ol	927-74-2	Spectrochem	50 ml	7500	10 ml	1500
250	3-(1-aminoethyl)phenol hydrochloride	63720-38-7	Ark Pharma	5 gm	19247	3 gm	11548.2
251	Ethyl 2-(2-fluorophenyl)acetate	587-47-3	Combi-Blocks	25 gm	69338.22	20 gm	55470.576
252	Ethyl isonicotinylacetate	26377-17-3	Combi-Blocks	5 gm	2063.64	3 gm	1238.184
253	Ethyl 2,3-epoxypropanoate	4660-80-4	Combi-Blocks	5 gm	3301.82	2 gm	1320.728
254	2-Bromoethanol	540-51-2	Spectrochem	100 gm	2750	50 gm	1375
255	Phenyl Dichlorophosphate	770-12-7	Sigma Aldrich	25 gm	4562	20 gm	3649.6
256	Methyl 4-hydroxybenzoate	99-76-3	TCL	5 gm	3000	3 gm	1800
257	Methyl 4-bromo-2-methoxybenzoate	78471-43-9	Combi-Blocks	25 gm	15270.92	12 gm	7330.0416
258	Methyl 3-amino-3-oxopropanoate	51513-29-2	Astatech	25 gm	39456.85	10 gm	15782.74
259	alpha-(Aminomethyl)benzyl alcohol	7568-93-6	Perk	10 gm	10670	12 gm	12804
260	2-Bromobenzyl Bromide	3433-80-5	GLR Innovations	25 gm	4700	20 gm	3760
261	Boron trichloride	10294-34-5	Spectrochem	100 ml	4100	40 ml	1640
262	Lauroyl chloride	112-16-3	Sigma Aldrich	50 ml	2819.4	25 ml	1409.7
263	Triisopropylsilyl chloride	13154-24-0	TCL	5 ml	2900	1 ml	580
264	Decanoyl chloride	112-13-0	Sigma Aldrich	100 ml	3618	60 ml	2170.8
265	Thiourea	62-56-6	Spectrochem	500 gm	795	500 gm	795
266	Potassium tert-Butoxide	865-47-4	Spectrochem	250 gm	1580	250 gm	1580
267	Triphenylphosphine	603-35-0	Spectrochem	250 gm	990	150 gm	594
268	Sodium triacetoxylborohydride	56553-60-7	Spectrochem	100 gm	3600	40 gm	1440
269	Copper(I) iodide	7681-65-4	Spectrochem	100 gm	1650	100 gm	1650
270	Silver cyanide	506-64-9	Spectrochem	25 gm	9000	40 gm	14400
271	Sodium Borohydride	16940-66-2	Spectrochem	25 gm	800	25 gm	800
272	Pyridinium Dichromate	20039-37-6	Spectrochem	25 gm	725	20 gm	580
273	Copper(II) trifluoromethanesulphonate	34946-82-2	Spectrochem	1 gm	650	1 gm	650





Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
274	[5-Carboxypentyl]triphenylphosphonium Bromide	50889-29-7	Apollo	100 gm	7185.37	30 gm	2155.611
275	Sodium periodate	7790-28-5	SDFCL	100 gm	2418	100 gm	2418
276	Bis(2,4-pentanedionato)nickel(II) Hydrate	3264-82-2	TCI	25 gm	7700	25 gm	7700
277	Monoammonium glycyrrhizinate hydrate	53956-04-0	TCI	25 gm	5600	25 gm	5600
278	Dimethyl Acetylenedicarboxylate	762-42-5	Combi-Blocks	5 gm	825.46	1 gm	165.092
279	Trimethylsulfoxonium Iodide	1774-47-6	Sigma Aldrich	100 gm	4810	100 gm	4810
280	Copper(II) sulfate	7758-98-7	Avra	100 gm	500	50 gm	250
281	Diisobutylaluminum hydride solution in cyclohexane	1191-15-7	Sigma Aldrich	100 ml	8857.8	90 ml	7972.02
282	1,1'-Bis(diphenylphosphino)ferrocene	12150-46-8	Combi-Blocks	5 gm	825.46	5 gm	825.46
283	Trimethylsulfoxonium Iodide	1774-47-6	JOHN BAKER	100 gm	2185	100 gm	2185
284	Methyltriphenylphosphonium bromide	1779-49-3	SANDERS	500 gm	12800	1000 gm	25600
285	Sodium sulfate decahydrate	7727-73-3	Sigma Aldrich	500 gm	2175	300 gm	1305
286	N,N'-Dicyclohexylcarbodiimide	538-75-0	Spectrochem	100 gm	1800	100 gm	1800
287	Isobutyl chloroformate	543-27-1	Spectrochem	500 ml	3000	200 ml	1200
288	Allyltrimethylsilane	762-72-1	Spectrochem	50 gm	12600	15 gm	3780
289	Benzylideneacetone	937-53-1	Alfa-Aesar	250 gm	3052.5	10 gm	122.1
290	Azidotrimethylsilane	4648-54-8	Spectrochem	100 gm	15000	40 gm	6000
291	Benzyltrimethylammonium Hydroxide	100-85-6	Sigma Aldrich	100 ml	6116	100 ml	6116
292	Hydrogen Peroxide	7722-84-1	Sigma Aldrich	300 ml	2500	500 ml	4166.66667
293	Formylhydrazine	624-84-0	Sigma Aldrich	100 gm	15273	30 gm	4581.9
294	2,5-dimethylthiophene	638-02-8	Sigma Aldrich	25 gm	8020	2 gm	641.6
295	trans-B-Nitrostyrene	5153-67-3	Sigma Aldrich	25 gm	9400	10 gm	3760
296	2,2,2-Trifluoroethyl formate	32042-38-9	Sigma Aldrich	5 gm	16328	2 gm	6531.2
297	Formic hydrazide	624-84-0	Sigma Aldrich	25 gm	4306	10 gm	1722.4
298	4-(Benzyloxy)aniline hydrochloride	51388-20-6	Sigma Aldrich	25 gm	4451	3 gm	534.12
300	9-Borabicyclo[3.3.1]nonane dimer	21205-91-4	Sigma Aldrich	5 gm	7503	5 gm	7503
301	Tetrahydro-4H-pyran-4-one	29943-42-8	TCI	25 gm	15200	40 gm	24320
302	D-(+)-Glucose	50-99-7	TCI	25 gm	1800	12 gm	864
303	Isopropylamine Hydrochloride	15572-56-2	TCI	25 gm	3000	25 gm	3000
304	3-methyl-4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-1H-pyrazole	936250-20-3	BLD pharm	1 gm	660.36	0.5 gm	330.18

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Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
305	Dimethyl dicarbonate	4525-33-1	Sigma Aldrich	100 ml	8149	70 ml	5704.3
306	Ethyl 4-chloroacetacetate	638-07-3	Combi-Blocks	5 gm	825.46	2 ml	330.184
307	4-Phenylpiperidine	771-99-3	BLD pharm	1 gm	742.91	1 gm	742.91
308	N-Boc-1,3-diaminopropane	75178-96-0	Combi-Blocks	25 gm	3301.82	20 gm	2641.456
309	2-Butyn-1-ol	764-01-2	Alfa-Aesar	25 gm	8900	12 gm	4272
310	Diethylene Glycol Monoethyl Ethe	111-90-0	Sigma Aldrich	100 ml	2240	12 ml	268.8
311	3-Cbz-6-oxa-3-aza-bicyclo[3.1.0]hexane	31865-25-5	Combi-Blocks	5 gm	5778.19	5 gm	5778.19
312	2-(p-Tolyl)ethanol	699-02-5	BLD pharm	25 gm	3879.4	25 gm	3879.4
313	2-Isobutylcyclohexanone	39207-65-3	Sigma Aldrich	1 gm	9768	0.2 gm	1953.6
314	Sodium Methanesulfinate	20277-69-4	JOHN BAKER	5 gm	5600	5 gm	5600
315	3-Amino-3-(4-fluorophenyl)propan-1-ol	228422-47-7		5 gm	174164.3	5 gm	174164.3
316	1-(4-tert-Butylphenyl)ethanone	943-27-1	ELAMINE	5 gm	8720	0.50 gm	872
317	2-Phenylglycinol	20989-17-7	Alfa-Aesar	5 gm	2919.3	2 gm	1167.72
318	4-Formylbenzoic acid	619-66-9	Spectrochem	25 gm	2000	25 gm	2000
319	Cyclohexylamine	108-91-8	Spectrochem	250 ml	200	250 ml	200
320	2-Aminoisobutyric acid	62-57-7	Sigma Aldrich	25 gm	2419	18 gm	1741.68
321	4-(4,5-dihydro-1H-imidazol-2-yl)phenylamine	61033-71-4	Sigma Aldrich	1 gm	16374.27	1 gm	16374.27
322	5-Aminovaleric acid	660-88-8	Sigma Aldrich	5 gm	3596	2 gm	1438.4
323	(R)-3-Chloro-N-methylbenzylamine	17061-53-9	Sigma Aldrich	1 gm	6615.87	2 gm	13231.74
324	3-Iodobenzoic acid	618-51-9	Sigma Aldrich	10 gm	3540	2 gm	708
325	5-Chloro-2-Hydroxyaniline	28443-50-7	Sigma Aldrich	100 gm	10878	100 gm	10878
326	2-Methyl-3-nitroaniline	603-83-8	Sigma Aldrich	25 gm	6904	10 gm	2761.6
328	1-Methoxy-2-propylamine	99636-32-5	Sigma Aldrich	5 gm	10900	5 gm	10900
330	3-(Chlorosulfonyl)benzoic acid	4025-64-3	Sigma Aldrich	25 gm	9500	25 gm	9500
331	4-Bromopicolinic Acid	30766-03-1	BLD pharm	10 gm	1816	10 gm	1816
332	4-Morpholinioaniline	2524-67-6	Sigma Aldrich	5 gm	4551	7 gm	6371.4
333	4-Bromodiphenylamine	54446-36-5	Combi-Blocks	5 gm	1651.71	2 gm	660.684
334	Cyclohexanemethylamine	(3218-02-28)	TCI	25 ml	6000	10 ml	2400
335	2-ethoxyethylamine	110-76-9	TCI	25 ml	8000	15 ml	4800
336	L-Alaninamide Hydrochloride	33208-99-0	TCI	5 gm	5400	4 gm	4320
337	4-Methoxyphenylacetic Acid	104-01-8	TCI	25 gm	1800	10 gm	720





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**NAAC – Cycle – 1
AISHE: U-0967**

Criterion- 3

R,I & E

KI – 3.2

**M 3.2.1
M 3.2.2**

Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
338	Propionamide hydrochloride	3599-89-1	TCI	5 gm	2315.55	3 gm	1389.33
339	4'-Aminoacetanilide	122-80-5	TCI	25 gm	3000	20 gm	2400
340	2-Bromo-6-methylbenzoic acid	90259-31-7	BLD pharm	5 gm	2147.22	5 gm	2147.22
341	4-Bromo-2,6-difluorobenzoic acid	183065-68-1	Combi-Blocks	25 gm	4129.28	8 gm	1321.3696
342	(S)-(-)-1-Phenylethylamine	2627-86-3	Combi-Blocks	25 gm	1328.86	15 gm	797.316
343	N-Boc-D-alpha-phenylglycine	33125-05-2	Avra	1 gm	1400	0.4 gm	560
344	3-Chloro-4-methylbenzoic acid	5162-82-3	Combi-Blocks	5 gm	825.91	3 gm	495.546
345	Biphenyl-4-carboxylic acid	92-92-2	Apollo	100 gm	1816.99	20 gm	363.398
346	4,6-Dichloronicotinic acid	73027-79-9	Combi-Blocks	25 gm	7020.19	15 gm	4212.114
347	N-Methylethylenediamine	109-81-9	TCI	5 ml	4800	5 ml	4800
349	2-Amino-5-methoxybenzoic acid	(6705-03-9)	Combi-Blocks	25 gm	6194.29	10 gm	2477.716
350	3-Hydroxypropionic Acid	503-66-2	TCI	10 gm	12000	10 gm	12000
351	Fmoc-glycine	29022-11-5	Fluka	5 gm	2519.7	2 gm	1007.88
352	N-methyl-4-nitroaniline	100-15-2	Alfa-Aesar	25 gm	4617.6	3 gm	554.112
353	Cyclobutylmethanamine hydrochloride	848497-98-3	Combi-Blocks	5 gm	11562.67	3 gm	6937.602
354	Bromopyruvic Acid	1113-59-3	Combi-Blocks	5 gm	1238.862	4 gm	991.0896
355	5-Chloro-2-fluorobenzoic acid	394-30-9	Combi-Blocks	25 gm	2064.64	25 gm	2064.64
356	2-Methyl-3-nitrobenzoic acid	1975-50-4	Combi-Blocks	25 gm	1238.86	10 gm	495.544
357	2-Bromo Isobutyramide	7462-74-0	Combi-Blocks	25 gm	3294.61	10 gm	1317.844
358	4-Fluorobenzylamine	140-75-0	Combi-Blocks	100 gm	7824.69	40 gm	3129.876
359	2-Phenoxybenzoic acid	2243-42-7	Combi-Blocks	1 gm	823.65	0.2 gm	164.73
361	3,4-Dichloro-N-methylaniline	40750-59-2	Sigma Aldrich	1 gm	17744.75	1 gm	17744.75
362	1-(tert-Butoxycarbonyl)-3-piperidinecarboxylic acid	84358-12-3	Combi-Blocks	25 gm	1647.3	12 gm	790.704
364	2,4-Dimethoxybenzylamine	20781-20-8	Combi-Blocks	25 gm	2882.78	20 gm	2306.224
365	Furfurylamine	617-89-0	Combi-Blocks	25 gm	1647.3	20 gm	1317.84
366	3-[(tert-Butoxycarbonyl)(methyl)amino]propanoic acid	124072-61-3	Combi-Blocks	10 gm	9883.82	6 gm	5930.292
367	4-Bromo-2-methyl-6-nitroaniline	77811-44-0	Combi-Blocks	5 gm	988.38	5 gm	988.38
368	Pyrrolidine-3-carboxylic acid	59378-87-9	Combi-Blocks	5 gm	6589.22	2 gm	2635.688
369	2,2-Dimethylvaleric acid	1185-39-3	Fluka	5 ml	8400	3 ml	5040
370	2,2-Dimethylvaleric acid	1185-39-3	Sigma Aldrich	5 ml	22011	3 ml	13206.6
371	Methyl 4-Aminobenzoate	619-45-4	Avra	25 gm	1760	2 gm	140.8

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Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
372	3,6-Dihydro-2H-thiopyran-4-ylboronic acid pinacol ester	862129-81-5	Combi-Blocks	1 gm	2882.78	0.2 gm	576.556
373	trans-N,N'-Dimethylcyclohexane-1,2-diamine	67579-81-1	Combi-Blocks	5 gm	1564.94	2 gm	625.976
374	Ethyl 2-(4-fluorophenyl)acetate	587-88-2	BLD pharm	1 gm	412.92	1 gm	412.92
375	5'-Bromo-2'-chloroacetophenone	105884-19-3	Combi-Blocks	1 gm	823.65	0.2 gm	164.73
376	[1,1'-Bis(diphenylphosphino)ferrocene]palladium(II) Dichloride Dichloromethane	95464-05-4	GLR Innovations	5 gm	17615.7	3 gm	10569.42
377	2-(Tributylstannyl)thiophene	54663-78-4	ChemScene	25 gm	4106	12 gm	1970.88
378	(S)-N-Boc-allylglycine	90600-20-7	Combi-Blocks	10 gm	17296.69	10 gm	17296.69
379	N-Boc-ethylenediamine	57260-73-8	Spectrochem	5 gm	4000	3 gm	2400
380	Ethyl 2-fluorophenylacetate	584-74-7	Combi-Blocks	5 gm	988.38	3 gm	593.028
381	Methyl Chloroglyoxylate	5781-53-3	TCI	25 gm	11900	2 gm	952
382	N,N -Disuccinimidyl carbonate	74124-79-1	Combi-Blocks	25 gm	9400	20 gm	7520
384	Boc-D-Tyr-OH	70642-86-3	BLD pharm	5 gm	1982	2 gm	792.8
385	4-Bromo-2-fluoronitrobenzene	321-23-3	BLD pharm	5 gm	495.5	5 gm	495.5
386	3-Chlorobenzod[isothiazole	7716-66-7	BLD pharm	100 gm	1569.09	30 gm	470.727
387	(R)-Benzyl 3-aminopiperidine-1-carboxylate	1044560-96-4	BLD pharm	5 gm	8671.27	5 gm	8671.27
388	tert-Butyl 4-(4,4,5,5-tetramethyl-1,3,2-dioxaborolan-2-yl)-5,6-dihydropyridine-1(2H)-carboxylate	286961-14-6	BLD pharm	25 gm	2064.59	15 gm	1238.754
389	4-Fluorobenzonitrile	1194-02-1	Spectrochem	100 gm	7200	120 gm	8640
390	Tetrakis(triphenylphosphine)-palladium(0)	14221-01-3	Spectrochem	5 gm	23490	3 gm	14094
391	Chloroacetaldehyde	107-20-0	Spectrochem	100 gm	2500	80 gm	2000
392	2,6-Dichlorobenzaldehyde	83-38-5	Sigma Aldrich	25 gm	3330	1 gm	133.2
393	3-Methyl-2-oxindole	1504-06-9	Sigma Aldrich	5 gm	5641	3 gm	3384.6
394	4-Acetylbiphenyl	92-91-1	Sigma Aldrich	25 gm	3818	12 gm	1832.64
395	2-(2-Aminoethyl)pyridine	2706-56-1	Sigma Aldrich	10 gm	17848.8	4 gm	7139.52
396	5-Acetyluracil	6214-65-9	Sigma Aldrich	1 gm	6537	2 gm	13074
397	1-(2-Pyridyl)piperazine	34803-66-2	Sigma Aldrich	5 ml	5949	5 ml	5949
398	2-(Trifluoromethyl)acetophenone	17408-14-9	Sigma Aldrich	5 gm	4551	2 gm	1820.4
399	3-(Trifluoromethyl)benzylamine	2740-83-2	Sigma Aldrich	5 gm	4084	20 gm	16336
400	3,4-Difluorobenzaldehyde	34036-07-2	Sigma Aldrich	5 gm	3219	3 gm	1931.4





Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
401	Acryloyl chloride	814-68-6	GLR Innovations	25 gm	2563.65	25 gm	2563.65
402	Iodotrimethylsilane	16029-98-4	GLR Innovations	25 gm	6293.7	10 gm	2517.48
403	Chlorodimethylsilane	1066-35-9	TCl	25 ml	2800	25 ml	2800
404	3,4-Dimethoxybenzaldehyde	120-14-9	TCl	25 gm	1800	12 gm	864
405	2-Aminobenzotrifluoride	88-17-5	TCl	25 ml	2500	20 ml	2000
406	2'-Methylacetophenone	577-16-2	TCl	25 ml	6800	20 ml	5440
407	2-Benzyloxyaniline	20012-63-9	TCl	5 gm	8300	5 gm	8300
408	2-Pyridineacetonitrile	2739-97-1	TCl	25 gm	9000	20 gm	7200
409	2,4-Difluorobenzenethiol	1996-44-7	TCl	25 gm	25100	15 gm	15060
410	3'-Chloroacetophenone	99-02-5	TCl	10 ml	4500	10 ml	4500
411	2-Amino-5-cyanopyridine	4214-73-7	Combi-Blocks	5 gm	1564.94	3 gm	938.964
412	3-Boc-aminopiperidine	172603-05-3	Combi-Blocks	25 gm	6589.22	18 gm	4744.2384
413	N-Boc-piperidine-4-carboxylic acid	84358-13-4	Combi-Blocks	5 gm	823.65	5 gm	823.65
414	4-Bromobenzonitrile	623-00-7	Combi-Blocks	25 gm	1235.48	15 gm	741.288
415	2-Amino-4-fluorobenzonitrile	80517-22-2	Combi-Blocks	5 gm	2388.59	2 gm	955.436
416	2-Bromo-4'-fluoroacetophenone	403-29-2	Combi-Blocks	25 gm	2470.96	5 gm	494.192
417	2-Amino-4,6-dichloropyridine	116632-24-7	Combi-Blocks	5 gm	3706.43	2 gm	1482.572
418	4-(tert-Butoxycarbonylamino)pyridine	98400-69-2	Combi-Blocks	100 gm	16061.21	70 gm	11242.847
419	4'-Fluoro-2'-methoxyacetophenone	51788-80-8	Combi-Blocks	25 gm	7824.69	20 gm	6259.752
420	4-Aminomethyltetrahydropyran hydrochloride	389621-78-7	Combi-Blocks	25 gm	5765.56	10 gm	2306.224
421	1-Boc-3-pyrrolidinedicarbaldehyde	59379-02-1	Combi-Blocks	5 gm	6177.39	2 gm	2470.956
422	5-Chloro-2-fluoronitrobenzene	345-18-6	Combi-Blocks	25 gm	2059.13	20 gm	1647.304
423	4-Methylthiazole	693-95-8	Combi-Blocks	100 gm	6589.22	38 gm	2503.9036
424	3,3-Difluoropiperidine-HCL	496807-97-7	Combi-Blocks	1 gm	15462.3	2 gm	30924.6
425	Phenylacetaldehyde --- (F)	122-78-1	Combi-Blocks	25 gm	2186.7	20 gm	1749.36
426	1-Methylpiperazine	109-01-3	Combi-Blocks	5 gm	823.65	2 gm	329.46
427	1-(2-Fluorobenzyl)piperazine	89292-78-4	Combi-Blocks	5 gm	7029.36	2 gm	2811.744
428	2-Methoxyphenyl hydrazine	6971-45-5	Combi-Blocks	5 gm	823.65	1 gm	164.73
429	4-N-Boc-2-hydroxymethylpiperazine	301673-16-5	Combi-Blocks	5 gm	4941.91	2 gm	1976.764
430	(S)-3-Hydroxymethyl-4-Boc-morpholine	714971-28-5	J&W Pharma	5 gm	4195.8	2 gm	1678.32
431	6-Methyl-1,2,3,4-tetrahydroisoquinoline hydrochloride	41565-81-5	J&W Pharma	1 gm	17045	0.3 gm	5113.5

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Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
432	3-Methylazetid-3-ol hydrochloride	124668-46-8	J&W Pharma	5 gm	4078	2 gm	1631.2
433	3(R)-Hydroxymethyl-4-bocmorpholine	215917-99-0	J&W Pharma	5 gm	39103.13	3 gm	23461.878
434	4-Ethoxybenzhydrazide	58586-81-5	Alfa-Aesar	5 gm	3307.93	5 gm	3307.93
435	4-Methoxybenzoylacetonitrile	3672-47-7	Alfa-Aesar	5 gm	11620	2 gm	4648
436	3-(4-Morpholino)propionitrile	4542-47-6	Alfa-Aesar	25 gm	4600	15 gm	2760
437	2-(thiophen-2-yl)pyridine	3319-99-1	Alfa-Aesar	5 gm	4600	2 gm	1840
438	(S)-N-Boc-2-Hydroxymethylmorpholine	135065-76-8	Advancechem blocks	5 gm	4952.31	2 gm	1980.924
439	Trifluoroacetic Acid Hydrazide	1538-08-5	Combi-Blocks	1 gm	661.59	1 gm	661.59
440	4-Bromo-3-methoxybenzaldehyde	43192-34-3		5 gm	15496.5	8 gm	24794.4
441	4-Acetylpyridine	1122-54-9	Alfa-Aesar	25 gm	3010	15 gm	1806
442	N-Phenyl-bis(trifluoromethanesulfonimide)	37595-74-7	Spectrochem	100 gm	18500	50 gm	9250
443	1-Benzyl-4-piperidone	3612-20-2	Spectrochem	50 gm	900	25 gm	450
444	2-Amino-5-bromopyridine	1072-97-5	GLR Innovations	25 gm	5439	70 gm	15229.2
445	2,6-Dibromopyridine	626-05-1		25 gm	5128.2	20 gm	4102.56
446	3,4-Dimethoxybenzaldehyde	120-14-9		500 gm	5400	150 gm	1620
447	4-Fluorobenzylamine	140-75-0	Spectrochem	25 gm	2200	25 gm	2200
448	3-hydroxy-4-nitrobenzaldehyde	704-13-2		10 gm	26018.4	10 gm	26018.4
449	2-Chloro-4-iodo-5-(trifluoromethyl)pyridine	505084-55-9		1 gm	4700	1 gm	4700
450	Azetidine-HCL	36520-39-5	Combi-Blocks	5 gm	3294.61	3 gm	1976.766
451	4-[2-(3-Bromophenoxy)Ethyl]Morpholine	435283-95-7	Avra	5 gm	40108.7	3 gm	24065.22
452	Methylhydrazine	60-34-4	Avra	25 gm	11120	12 gm	5337.6
453	1-(4-tert-butylphenyl)ethanone	943-27-1	Anamine	5 gm	8720	5 gm	8720
454	2-Chloro-5,6,7,8-tetrahydro-1,6-naphthyridine hydrochloride	766545-20-4	Astatech	5 gm	4961.9	3 gm	2977.14
455	(S)-N-Boc-2-Hydroxymethylmorpholine	135065-76-8	R & D	5 gm	1323.17	4 gm	1058.536
456	Isopropyl isocyanate	1795-48-8	Spectrochem	25 gm	4350	20 gm	3480
457	Methyl 2,4-dichloropyrimidine-6-carboxylate	6299-85-6	Combi-Blocks	25 gm	3982	20 gm	3185.6
458	1,2-Diamino-3-chlorobenzene	21745-41-5	Combi-Blocks	5 gm	3294.61	3 gm	1976.766
459	Cyclobutylamine	2516-34-9	Combi-Blocks	5 gm	5353.74	4 gm	4282.992
460	2-Fluoro-5-formylbenzonitrile	218301-22-5	Combi-Blocks	1 gm	823.65	1 gm	823.65





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**NAAC – Cycle – 1
AISHE: U-0967**

Criterion- 3

R,I & E

KI – 3.2

**M 3.2.1
M 3.2.2**

Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
461	4,6-Dichloro-2-(methylthio)pyrimidine	6299-25-8	Combi-Blocks	25 gm	1647.3	15 gm	988.38
462	6-Chloro-1H-pyrazolo[3,4-d]pyrimidine	23002-51-9	Combi-Blocks	1 gm	12766.61	0.3 gm	3829.983
463	2-Bromo-5-cyanopyrazine	221295-04-1	Ark Pharma	1 gm	4548.41	1 gm	4548.41
464	1-Adamantylamine	768-94-5	Sigma Aldrich	5 gm	6140	3 gm	3684
465	5-Iodo-2-methyl-1H-imidazole	73746-45-9	BLD pharm	5 gm	4622.16	3 gm	2773.296
466	N-Boc-2-Morpholinecarbaldehyde	218594-02-6	BLD pharm	0.1 gm	14031.55	0.1 gm	14031.55
467	Boc-N-methyl-L-alanine	16948-16-6	Fluka	5 gm	22932.6	3 gm	13759.56
468	4,4-Dimethylpiperidine HCl	38646-68-3	Synthonix	1 gm	3301.54	2 gm	6603.08
469	2-Aminoindan	2975-41-9	Combi-Blocks	1 gm	3225.24	1 gm	3225.24
472	4-Chloro-5,6-dimethylthieno[2,3-d]pyrimidine	108831-68-1	Fluro chem	0.25 gm	3307.93	0.2 gm	2646.344
473	R-4-Boc-(3-Hydroxymethyl)morpholine	215917-99-0	Advancechem blocks	5 gm	39103.13	2 gm	15641.252
474	Pyrazine-2-carbaldehyde	5780-66-5	Apollo	0.25 gm	1653.97	0.2 mg	1323.176
475	3,3-Dimethylpiperidine	27832-58-2	Astatche	0.1 gm	2971.39	0.1 gm	2971.39
476	4-Ethynylaniline	14235-81-5	Sigma Aldrich	5 gm	22599	10 gm	45198
477	Ethyl crotonate	623-70-1	Sigma Aldrich	250 ml	7840	30 ml	940.8
478	4-Fluorobenzyl bromide	459-46-1	Sigma Aldrich	5 gm	2553	2 gm	1021.2
479	N-Methyl-phenethylamine	589-08-2	Sigma Aldrich	5 ml	8140	2 ml	3256
481	1,2,4-Triazole-3-carboxylic acid	4928-87-4	Combi-Blocks	5 gm	2306.23	2 gm	922.492
482	N-Boc-N-methylethanolamine	57561-39-4	Combi-Blocks	25 gm	2061.52	2 gm	164.9216
483	Ethyl 2,4-dioxopentanoate	615-79-2	Combi-Blocks	25 gm	2308.9	15 gm	1385.34
484	2-Methylcyclohexylamine	7003-32-9	Combi-Blocks	5 gm	824.61	1 gm	164.922
485	N,N-Dimethylethylenediamine	108-00-9	Combi-Blocks	5 gm	824.61	2 gm	329.844
486	3-Pyridylacetic acid	501-81-5	Combi-Blocks	5 gm	6184.56	2 gm	2473.824
487	Ethyl 4,6-dichloronicotinate	40296-46-6	Combi-Blocks	5 gm	1566.76	3 gm	940.056
489	1-Boc-Piperidin-4-ylboronic acid, pinacol ester	1048970-17-7	Combi-Blocks	1 gm	1649.22	1 gm	1649.22
490	3-Chlorobenzylamine	4152-90-3	Combi-Blocks	1 gm	824.61	1 gm	824.61
491	[1,1'-Bis(diphenylphosphino)ferrocene]palladium(II) Dichloride Dichloromethane	95464-05-4	Combi-Blocks	5 gm	10225.14	3 gm	6135.084
493	4-Formylphenylboronic acid	87199-17-5	Spectrochem	5 gm	1890	2 gm	756
494	Tricyclohexylphosphine	2622-14-2	Spectrochem	5 gm	3600	2 gm	1440

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**NAAC – Cycle – 1
AISHE: U-0967**

Criterion- 3

R,I & E

KI – 3.2

**M 3.2.1
M 3.2.2**

Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
495	Diethyl azodicarboxylate	1972-28-7	Spectrochem	5 gm	1100	3 gm	660
496	Dimethyl acetylenecarboxylate	762-42-5	GLR Innovations	25 gm	6200	5 gm	1240
497	1-Boc-ethylenediamine	57260-73-8	GLR Innovations	25 gm	20700	15 gm	12420
498	2-amino-3-iodobenzoic acid	20776-55-0	Auram pharma	0.25 gm	2346	0.2 gm	1876.8
499	4-(Dimethylamino)cyclohexanol	61168-09-0	Astatech	1 gm	8246.08	0.1 gm	824.608
500	2-Hydroxy-2-[(1-oxo-2-propen-1-yl)amino]acetic acid	6737-24-2	Enamine	1 gm	68970.42	1 gm	68970.42
501	Oxazole-2-carbaldehyde	65373-52-6	Combi-Blocks	250 mg	5689.8	100 mg	2275.92
502	Tetrahydropyran-3-boronic acid pinacol ester	1391850-39-7	Combi-Blocks	1 gm	9895.3	0.3 gm	2968.59
503	1-Propanephosphonic acid cyclic anhydride 50% in ethyl acetate	68957-94-8	GLR Innovations	50 ml	17438.1	20 ml	6975.24
504	Bis(triphenylphosphine)palladium(II) dichloride	13965-03-2		5 gm	12300	2 gm	4920
505	2-(Chloromethoxy)ethyltrimethylsilane	76513-69-4		25 gm	29400	80 gm	94080
506	tert-Butyl 2,2,2-Trichloroacetimidate	98946-18-0	TCl	5 ml	5300	2 ml	2120
507	Isobutylene Oxide	558-30-5	TCl	25 ml	2300	25 ml	2300
508	Ethylamine Hydrochloride	557-66-4	TCl	25 gm	2700	25 gm	2700
509	Phenacetin	62-44-2	TCl	25 gm	1800	25 gm	1800
510	Azetidine	36520-39-5	TCl	1 gm	3900	1 gm	3900
511	1-Boc-ethylenediamine	57260-73-8	GLR Innovations	25 gm	20700	50 gm	41400
512	3-Bromo-4-methoxybenzoic acid	99-58-1		5 gm	2131.2	12 gm	5114.88
513	p-Bromoaniline	106-40-1	JOHN BAKER	100 gm	1500	100 gm	1500
514	Methanesulfonic anhydride	7143-01-3	Sigma Aldrich	25 gm	5727	50 gm	11454
516	Phenoxydiphenylphosphine	13360-92-4	TCl	5 gm	10600	3 gm	6360
517	2-Methoxyethylamine	109-85-3	TCl	25 ml	4100	12 ml	1968
518	1,2,3,4-Tetrahydroisoquinoline	91-21-4		100g	7828.95	12 gm	939.474
519	3-(Dimethylamino)propanoic acid hydrochloride	14788-12-6	TCl	5 gm	6800	5 gm	6800
520	β-Alanine methyl ester hydrochloride	3196-73-4	Combi-Blocks	25 gm	1649.38	25 gm	1649.38
521	4-Iodoaniline	540-37-4	Spectrochem	25 gm	3600	25 gm	3600
522	Tris(dibenzylideneacetone)dipalladium(0)	51364-51-3	TCl	5 gm	47600	5 gm	47600
523	Oxazole-2-carbaldehyde	65373-52-6		1 gm	10585.39	1 gm	10585.39
524	N'-ethylcarbodiimide hydrochloride	25952-53-8	Spectrochem	5 gm	300	3 gm	180
525	Cyanogen bromide	506-68-3	Spectrochem	100 gm	1750	30 gm	525

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Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
526	Trimethylsilyl cyanide	7677-24-9	Spectrochem	100 ml	3000	50 ml	1500
527	Nitromethane	75-52-5	Spectrochem	1000 ml	1850	700 ml	1295
528	Benzyl alcohol	100-51-6	Spectrochem	1000 ml	3900	500 ml	1950
529	1,4-Difluorobenzene	208-742-9	Sigma Aldrich	100 gm	9079	50 gm	4539.5
530	Phenyl Dichlorophosphate	770-12-7	Sigma Aldrich	25 gm	4652	5 gm	930.4
531	Sodium hydrosulfide hydrate	207683-19-0	Sigma Aldrich	100 gm	4451	100 gm	4451
532	Pyridinium Dichromate (PDC)	20039-37-6	Spectrochem	100 gm	2000	10 gm	200
533	Cis-2-butene-1,4-diol	6117-80-2	Combi-Blocks	25 gm	1237.03	90 gm	4453.308
534	DL-alpha-Amino-epsilon-caprolactam	671-42-1	Anamine	5 gm	3635.08	15 gm	10905.24
535	2-Nitroethanol	625-48-9	Sigma Aldrich	5 gm	6000	5 gm	6000
536	N-(Methoxymethyl)-N-(trimethylsilylmethyl)benzylamine	93102-05-7	Combi-Blocks	5 gm	824	3 gm	494.4
537	Polydatin	22639-17-2	Anamine	1 gm	2900	0.2 gm	580
538	(Diethylamino)sulfur trifluoride	38078-09-0		5 gm	5700	2 gm	2280
539	3-(Cyclopentyloxy)aniline	653604-38-7	Anamine	5 gm	63450	1 gm	12690
540	Methyl 2,3-dibromopropionate	1729-67-5	BLD pharm	5 gm	412.34	2 gm	164.936
541	Lead(IV) acetate	546-67-13	Sigma Aldrich	25 gm	3100	50 gm	6200
542	Cesium acetate	3396-11-0	JOHN BAKER	25 gm	5000	50 gm	10000
543	Sarcosine Ethyl Ester Hydrochloride	52605-49-9	Sigma Aldrich	10 gm	4262	7 gm	2983.4
544	4-Carboxyphenylboronic acid, pinacol ester	180516-87-4	Combi-Blocks	25 gm	2803.15	25 gm	2803.15
545	N,N'-Dicyclohexylcarbodiimide	538-75-0	Spectrochem	25 gm	600	25 gm	600
546	tert-Butyldimethylsilyl chloride	18162-48-6		100 gm	11000	120 gm	13200
547	2-Chlorobenzyl bromide	611-17-6	TCI	25 gm	7800	25 gm	7800
548	3-Chloroperbenzoic acid	937-14-4	GLR Innovations	500 gm	23660	250 gm	11830
549	Sodium Bisulphide	16721-80-5	National	5 gm		100 gm	243000
550	2,2-Bipyridyl	366-18-7	Spectrochem	25 gm	3540	5 gm	708
551	Sodium hydride	7646-69-7	Spectrochem	100 gm	780	95 gm	741
552	Metanilic acid	121-47-1	Alfa-Aesar	250 gm	6826.5	100 gm	2730.6
553	1-Boc-3-hydroxyazetidine	141699-55-0		5 gm	11800	5 gm	11800
554	4-Fluorophenyl methyl sulfone	455-15-2	Apollo	5 gm	3900	7 gm	5460
555	4-Bromodiphenylamine	54446-36-5	Combi-Blocks	5 gm	1648.91	5 gm	1648.91





Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
556	Cyanogen bromide	506-68-3	Spectrochem	100 gm	1750	15 gm	262.5
557	4-Fluoroacetophenone	403-42-9	Alfa-Aesar	100 gm	6260.4	70 gm	4382.28
558	4-Amino-3-bromobenzonitrile	50397-74-5	Combi-Blocks	25 gm	2463.39	20 gm	1970.712
559	1-Chloropropane	540-54-5	Sigma Aldrich	100 ml	4451	100 ml	4451
560	Methylamine solution	74-89-5	Sigma Aldrich	100 ml	11088	20 ml	2217.6
561	Dimethyl 5-methylpyridine-2,3-dicarboxylate	112110-16-4	Bionet	25 gm	5535.24	25 gm	5535.24
562	4-Nitrobenzoyl chloride	122-04-3	Spectrochem	100 gm	725	100 gm	725
563	Methylmagnesium chloride, 3M in THF	676-58-4	Spectrochem	100 ml	7869.9	40 ml	3147.96
564	2-Bromo-4-methylphenol	6627-55-0	Combi-Blocks	25	1648.91	10 gm	659.564
565	2,4-pyridinedicarboxylic acid, monohydrate	207671-42-9	Sigma Aldrich	5 gm	3685	2 gm	1474
566	Oxalsure-dimethylester Dimethyl oxalate	553-90-2	Sigma Aldrich	100 gm	3407	50 gm	1703.5
567	Boc-Tle-OH	62925-35-9	Combi-Blocks	5 gm	824	1 gm	164.8
568	4-tert-Butylbenzyl Bromide	18880-00-7	Fluka	25 gm	13900	20 gm	11120
569	4-Bromopyridine Hydrochloride	19524-06-2		5 gm	3400	3 gm	2040
570	Potassium acetate	127-08-2	Sigma Aldrich	100 gm	2700	50 gm	1350
571	Triethyl Orthoformate	122-51-0	Spectrochem	250 ml	900	250 ml	900
572	Acetamidine	124-42-5	Spectrochem	100 gm	4500	40 gm	1800
573	Tetra-n-butylammonium chloride	1112-67-0	Spectrochem	250 gm	2200	200 gm	1760
574	3-Bromo-4-methylaniline	7745-91-7	Combi-Blocks	25 gm	1236.68	20 gm	989.344
575	2-Pyrrolidincarboxamide hydrochloride	115630-49-4	Combi-Blocks	5 gm	4616	2 gm	1846.4
576	Methyltriphenylphosphonium bromide	1779-49-3	TCI	100 gm	4900	30 gm	1470
577	N-Methylmorpholine N-Oxide	7529-22-8	Spectrochem	100 gm	700	80 gm	560
578	Lithium formate monohydrate	6108-23-2	Sigma Aldrich	100 gm	6371	80 gm	5096.8
579	Sodium bis(2-methoxyethoxy)aluminium hydride	22722-98-1	Fluka	100 gm	3800	90 gm	3420
580	2,6-Dibromopyridine	626-05-1	Sigma Aldrich	25 gm	5128	2 gm	410.24
581	2,2'-Bis(diphenylphosphino)-1,1'-binaphthyl	98327-87-8	Combi-Blocks	25 gm	4926.77	20 gm	3941.416
582	N-Benzylmethylamine	103-67-3	Alfa-Aesar	500 ml	6000	100 ml	1200
584	1-Bromo-2-chloroethane	107-04-0	Sigma Aldrich	100 gm	8500	200 gm	17000
585	13-Amino-5,8,11-trioxo-2-azatridecanoic acid 1,1-dimethylethyl ester	101187-40-0	Combi-Blocks	10 gm	51528.44	10 gm	51528.44
586	Ethyl 2-(2-fluorophenyl)acetate	584-74-7	Assembly Block	5 gm	6857.09	100 gm	137141.8

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Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
587	Indazole-3-carboxylic acid	4498-67-3	Combi-Blocks	5 gm	824.46	2 gm	329.784
588	Methyl α-bromoisobutyrate	23426-63-3	Fluka	100 ml	3663	100 ml	3663
589	2,6-Dichlorophenylacetic acid	6575-24-2	Combi-Blocks	5 gm	824.46	5 gm	824.46
590	Hippuric acid	495-69-2	Combi-Blocks	5 gm	824.46	2 gm	329.784
591	N,N,N',N'-Tetramethyl ethylenediamine	110-18-9	Combi-Blocks	100 gm	4946.73	100 gm	4946.73
592	1-Methylpiperidine-3-carboxylic acid hydrochloride	19999-64-5	Combi-Blocks	5 gm	2473	2 gm	989.2
593	ethyl O-methylsulphonylacetohydroxamate	38202-27-8	TCI	5 gm	9435	1 gm	1887
594	Methyl bromoacetate	96-32-2	TCI	25 gm	2600	10 gm	1040
595	4-Hydroxy-L-proline	51-35-4	Combi-Blocks	25 gm	1236	25 gm	1236
596	Dodecane	112-40-3	Sigma Aldrich	100 ml	5305	20 ml	1061
597	2-Butyric acid	590-93-2	Combi-Blocks	5 gm	1896.25	3 gm	1137.75
598	Hexamethylphosphoramide	680-31-9	JOHN BAKER	25 ml	4200	30 ml	5040
599	3-Bromopropionic acid	590-92-1		25 gm	2400	5 gm	480
600	2-Nitroethanol	625-68-9	MANCHESTER	25 ml	4103	80 ml	13129.6
601	Triphenylmethyl mercaptan	3695-77-0	Alfa-Aesar	25 gm	14500	80 gm	46400
602	4-(2-Aminoethyl)morpholine	(2038-03-1)		100 ml	4200	40 ml	1680
603	Trimethylsilyl Cyanide	7677-24-9	Spectrochem	25 ml	3000	10 ml	1200
604	Isopropyl iodide	75-30-9	Spectrochem	100 ml	2700	80 ml	2160
605	Chloroacetone	78-95-5	Spectrochem	500 gm	16000	300 gm	9600
606	Trimethylphosphine	594-09-2	Sigma Aldrich	100 ml	18037	5 ml	901.85
607	(S)-1-Boc-3-hydroxypiperidine	143900-44-1	Sigma Aldrich	1 gm	7348	10 gm	73480
608	5-Methylresorcinol	504-15-4	Sigma Aldrich	25 gm	7903	10 gm	3161.2
609	N,N-Dimethylformamide dimethyl acetal	4637-24-5	Spectrochem	100 ml	900	80 ml	720
610	Diisobutylaluminum hydride	1191-15-7	Sigma Aldrich	100 ml	9224	10 ml	922.4
611	2-Pyridylzinc bromide	218777-23-2	Sigma Aldrich	50 ml	23032	20 ml	9212.8
612	Lithium tri-tert-butoxyaluminum hydride	17476-04-9	Sigma Aldrich	100 gm	25352	100 gm	25352
613	o-Tolylmagnesium bromide	932-31-0	Avra	100 ml	3900	10 ml	390
615	3,4-Dihydro-2H-pyran	110-87-2	Spectrochem	100 ml	1250	30 ml	375
616	4-Pyridinylboronic acid	1692-15-5	TCI	5 gm	11400	10 gm	22800
617	1-(2-Hydroxyethyl)-2-pyrrolidone	(3445-11-2)	Sigma Aldrich	100 ml	3130	80 ml	2504
618	2-Bromopyridine	109-04-6	Spectrochem	100 gm	1700	30 gm	510



Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
619	Pyridine-4-boronic acid	1692-15-5	Combi-Blocks	25 gm	3710.05	20 gm	2968.04
620	2,6-Dibromopyridine	626-05-1	Spectrochem	25 gm	3000	15 gm	1800
621	1-Methylimidazole	616-47-7	Spectrochem	100 gm	1200	30 gm	360
622	2,3-Dichloropyrazine	4858-85-9	BLD pharm	100 gm	2555.81	40 gm	1022.324
623	Quinoxaline	91-19-0	Sigma Aldrich	25 gm	3085	15 gm	1851
624	1H-Benzotriazol-1-ylxytripyrrolidinophosphonium Hexafluorophosphate	128625-52-5	TCI	25 gm	8700	25 gm	8700
626	Sodium Triacetoxyborohydride	56553-60-7	Avra	25 gm	1160	10 gm	464
627	P-dimethylaminobenzaldehyde	100-10-7	Qualigens	100 gm	3500	70 gm	2450
628	Resorcinol	108-46-3	Spectrochem	250 gm	2700	230 gm	2484
629	Imidazole (Buffer) LR	288-32-4	SDFCL	500 gm	2282	200 gm	912.8
630	Aluminium oxide	142844-00-6	SDFCL	100 gm	7580	400 gm	30320
631	Potassium nitrate	(7757-79-1)	Spectrochem	500 gm	2170	500 gm	2170
632	4'-hydroxyacetophenone	99-93-4	JOHN BAKER	100 gm	3600	100 gm	3600
633	Hydroxylammonium chloride	(5470-11-1)	SDFCL	500 gm	3373	450 gm	3035.7
634	Benzophenone	119-61-9	Spectrochem	500 gm	900	1000 gm	1800
635	Dowtherm- eutectic mixture of 26.5% diphenyl + 73.5% diphenyl oxide	8004-13-5	Sigma Aldrich	1000 ml	13054	500 ml	6527
636	N,N,N-Trimethylbenzenaminium chloride	138-24-9	Sigma Aldrich	100 gm	2419.8	20 gm	483.96
637	Phthalic anhydride (LR)	85-44-9	SDFCL	500 gm	528	500 gm	528
638	Potassium fluoride anhydrous	7789-23-3	SDFCL	500 gm	1421	500 gm	1421
639	2-Aminopyridine	504-29-0	Spectrochem	100 gm	705	20 gm	141
640	N,N-Dimethylethylenediamine	108-00-9	Combi-Blocks	25 gm	1236	25 gm	1236
641	4-Chlorobenzaldehyde	104-88-1		25 gm	2000	4 gm	320
642	4-Bromo-1H-pyrazole	2075-45-8	Combi-Blocks	5 gm	819.58	1 gm	163.916
643	(R)-3-(1-Aminoethyl)phenol hydrochloride	856563-08-1	Combi-Blocks	1 gm	36061.43	2 gm	72122.86
644	2,2,6,6-Tetramethylpiperidine	768-66-1	Combi-Blocks	25 gm	1639.16	7 gm	458.9648
645	2-Cyanopyrrole	4513-94-4	Combi-Blocks	5 gm	2048.95	2 gm	819.58
646	3-Methylenecyclobutanecarbonitrile	15760-35-7	Combi-Blocks	25 gm	13932.83	25 gm	13932.83
647	Boc,Me-Glycinol	57561-39-4	Combi-Blocks	5 gm	819.58	5 gm	819.58
648	Bis-(trimethylsilyl)-lithiumamide	4039-32-1	Sigma Aldrich	100 ml	3640	60 ml	2184





**ATMIYA
UNIVERSITY**

**NAAC – Cycle – 1
AISHE: U-0967**

Criterion- 3

R,I & E

KI – 3.2

**M 3.2.1
M 3.2.2**

Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
649	Aminoacetonitrile hydrogen sulphate	151-63-3	Sigma Aldrich	5 gm	1817.54	50 gm	18175.4
650	Copper(II) sulfate	7758-98-7	Sigma Aldrich	100 gm	6370	50 gm	3185
651	Methyl bromoacetate	96-32-2	Sigma Aldrich	25 gm	2242	3 gm	269.04
652	Ruthenium(III) chloride hydrate	14898-67-0	Sigma Aldrich	5 gm	8390	1 gm	1678
653	2-(Dimethylamino)ethyl Chloride Hydrochloride	4584-46-7	Spectrochem	250 gm	1170	220 gm	1029.6
654	1,1,1,3,3,3-Hexamethyltrisilazane	999-97-3	Spectrochem	100 ml	750	20 ml	150
655	p-Toluenesulfonic acid monohydrate	6192-52-5	Spectrochem	500 gm	450	400 gm	360
656	1,8-Diazabicyclo[5.4.0]undec-7-ene	6674-22-2	GLR Innovations	25 gm	3100	20 gm	2480
657	α-Acetyl-γ-butyrolactone	517-23-7		500 gm	6800	300 gm	4080
658	Silicone oil	68083-14-7	Finar	100 ml	6800	70 ml	4760
659	Ethyl diazoacetate	623-73-4	GLR Innovations	1000 gm	123513	60 gm	7410.78
660	Sodium azide	26628-22-8	SDFCL	100 gm	815	30 gm	244.5
661	1-Bromo-4-(ethylthio)benzene	30506-30-0	Alfa-Aesar	5 gm	4213.39	30 gm	25280.34
662	4-Bromo-1-butanol	33036-62-3	fluorochem	25 gm	22700	400 gm	363200
663	Sodium phenoxide	139-02-6	Alfa-Aesar	100 gm	10833.6	20 gm	2166.72
664	2-methyl-3-buten-2-ol(3-1-3)	115-19-5	Sigma Aldrich	250 ml	3363	200 ml	2690.4
665	ethyl 2-methylfuran-3-carboxylate	28921-35-9	TCI	10 gm	10500	2 gm	2100
666	3-Dimethylaminobenzoic acid	99-64-9	JOHN BAKER	25 gm	3000	3 gm	360
667	(isocyanomethyl)benzene	10340-91-7	Enamine	1000 mg	12700	20 mg	254
668	Sodium dihydrogen orthophosphate dihydrate	7558-80-7	Finar	500 gm	13550	500 gm	13550
669	Phosphomolybdic acid, ammonium salt	54723-94-3	National	50 gm	18303.9	5 gm	1830.39
670	Lithium aluminium hydride	16853-85-3		100 ml	30800	100 ml	30800
671	Dimethyl acetylenedicarboxylate	762-42-5	GLR Innovations	25 gm	6200	10 gm	2480
672	4-fluoroaniline	371-40-4	Spectrochem	100 gm	900	20 gm	180
673	1-Naphthol	90-15-3	Combi-Blocks	5 gm	819.58	5 gm	819.58
674	N-Benzyl-3-aminopropan-1-ol	4720-29-0	Combi-Blocks	1 gm	819.58	1 gm	819.58
675	Glycolic acid ReagentPlus	79-14-1	Sigma Aldrich	25 gm	1798	2 gm	143.84
676	Cyclobutanecarboxaldehyde	2987-17-9	Combi-Blocks	10 gm	22948.18	8 gm	18358.544
677	trans 4-Dimethylaminocrotonic Acid Hydrochloride	848133-35-1	Aksci	1 gm	495.69	0.5 gm	247.845
678	3-(Pyrudin-2-yl)propanoic acid	15197-75-8	Combi-Blocks	1 gm	4097.89	0.1 gm	409.789
679	Carbon disulfide	75-15-0	Spectrochem	1000 ml	1500	1000 ml	1500

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Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



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Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
680	Sodium Methoxide	124-41-4	Spectrochem	500 gm	665	800 gm	1064
681	tert-Butylbenzene	98-06-6	Spectrochem	1000 ml	2300	1000 ml	2300
682	Sodium nitrite	7632-00-0	SDFCL	500 gm	488	400 gm	390.4
683	r sodium (L) ascorbate	134-03-2	SDFCL	500 gm	5700	100 gm	1140
684	Chloroacetaldehyde	107-20-0	Spectrochem	100 gm	2500	20 gm	500
685	Aluminium chloride	7446-70-0	SDFCL	500 gm	912	200 gm	364.8
686	Pyrrrolidine	123-75-1	Spectrochem	100 gm	525	90 gm	472.5
687	TBTU	125700-67-6		25 gm	10100	25 gm	10100
688	N,N'-Diisopropylcarbodiimide	693-13-0	Spectrochem	25 gm	990	7 gm	277.2
689	N-Boc-ethylenediamine	57260-73-8	GLR Innovations	25 gm	20700	6 gm	4968
690	Sulfur trioxide pyridine complex	26412-87-3	Spectrochem	25 gm	1450	10 gm	580
691	4-Bromo-7-azaindole	348640-06-2	BLD pharm	5 gm	16000	10 gm	32000
692	2-Amino-4-methylpyridine	695-34-1		25 gm	3300	30 gm	3960
693	Hydroxylamine hydrochloride	(5470-11-1)	Spectrochem	500 gm	2000	900 gm	3600
694	Monoethyl oxalyl chloride	4755-77-5	Spectrochem	100 gm	2500	20 gm	500
695	1H-Pyrazole-1-carboximidamide hydrochloride	(4023-02-3)	Combi-Blocks	100 gm	4097.89	50 gm	2048.945
700	4-Methoxyphenyl isothiocyanate	2284-20-0	TCl	5 gm	4900	1 gm	980
701	2-Pyrazinecarboxaldehyde	5780-66-5	Synthonix	0.25 gm	1653.97	1 gm	6615.88
702	3-Hydroxypiperidine	6859-99-0	Fluka	5 gm	3700	5 gm	3700
703	tert-butyl 2-chloro-5H,6H,7H,8H-pyrido[4,3-d]pyrimidine-6-carboxylate	1092352-55-0	Pharma Black	5 gm	53827	3 gm	32296.2
707	3-Iodophenol	626-02-8	Spectrochem	25 gm	5000	2 gm	400
708	2-(Trifluoromethyl)benzoic Acid	433-97-6	Spectrochem	5 gm	2400	5 gm	2400
709	ammonium ceric nitrate	16774-21-3	SDFCL	100 gm	1446	10 gm	144.6
710	Methyl 2,3-dibromopropionate	1729-67-5	BLD pharm	5 ml	1800	4 ml	1440
711	Tri-n-butyltin hydride	688-13-0	Spectrochem	10 ml	4695.3	6 ml	2817.18
713	3-Bromoanisole	2398-37-0		25 ml	4300	2 ml	344
714	(R)-3 phenyl beta alaninol	170564-98-4		1 ml	14870.79	2 ml	29741.58
715	2-Butyne-1,4-diol	110-65-6	fluka	500 gm	4500	40 gm	360
716	2-Tolylboronic acid	16419-60-6	GLR Innovations	25 gm	6500	15 gm	3900
717	1-Ethylpiperazine	5308-25-8		25 ml	2000	25 ml	2000



 ATMIYA UNIVERSITY	NAAC – Cycle – 1	
	AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2

Department of Chemistry-Chemical received from o2h Drug Discovery, Ahmedabad

S. N.	Chemical Name	CAS No.	Make	Quantity	Market Price (INR)	Available Quantity	Estimated Price (INR)
718	Methyl 3,3-dimethoxypropionate	7424-91-1	Sigma Aldrich	25 gm	5305	10 gm	2122
719	1-Carbobenzoxy-3-pyrrolidone	130312-02-6	TCl	1 gm	3936.13	1 gm	3936.13
720	(tert-Butyldimethylsilyloxy)acetaldehyde	102191-92-4		5 gm	20700	2 ml	8280
721	1-(3-Dimethylaminopropyl)-3-ethylcarbodiimide hydrochloride	25952-53-8	Spectrochem	25 gm	990	10 gm	396
722	3-aminohexahydro 2-azepinone	671-42-1		5 gm	10500	5 gm	10500
723	isopropylpiperazine	4318-42-7	Combi-Blocks	100 gm	12300.42	44 gm	5412.1848
725	1-Methyl-1H-imidazol-2-amine hydrochloride	1450-94-8	Combi-Blocks	1 gm	5746.74	0.2 gm	1149.348
726	Ethyl iodide -- (F)	75-03-6	Spectrochem	100 ml	4500	70 ml	3150
						Total	4670580.304

(Dr. S. D. Tala)
Coordinator

(Dr. P. B. Naniya)
Head of Department
Department of Chemistry
Faculty of Science
Atmiya University
Rajkot

(Dr. Ashish Kothari)
Director
Research, Innovation & Translation
Atmiya University, Rajkot

(10/11/2024)
Registrar
Atmiya University
Rajkot

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Manthan Hackathon Problem Statement Formulation

Atmiya University Registrar Rajkot-Gujarat-India

Atmiya University
Rajkot



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**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1
AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1
M 3.2.2



Atmiya University, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



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 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2

Problem Statement Formulation and Proposal Formulation of Toycathon 2021



 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2

5/22/24, 2:46 PM

Gmail - Certificate for Pre-Screening round of Evaluation in Toycathon 2021



Ripal Ranpara <ranpararipal@gmail.com>

Certificate for Pre-Screening round of Evaluation in Toycathon 2021

no-reply <admin@aicte-india.org>
 To: ranpararipal@gmail.com

Wed, Dec 15, 2021 at 2:50 PM

Respected Evaluator,

Greetings & Congratulations from the Ministry of Education's Innovation Cell and AICTE, on getting selected as the Primary Evaluator for the Toycathon-2021.

Please download your certificate for your valuable contribution in the pre-screening round of evaluations. To do so, click on the below link and authenticate your information by providing registered email ID, on which you received this email.

Link for the evaluators: https://micapp.mic.gov.in/Certificates/eval_cert2.php

For any queries, feel free to drop a mail at toycathon@aicte-india.org with the **subject "Pre Screening Evaluation Certificate Issue"** only.

Regards
 Team Toycathon
 MIC, AICTE
 T: 011-2958-1326
 Email: startupfellow1@aicte-india.org

Crack Detector

Atmiya University Registrar, Rajkot-Gujarat-India

Atmiya University
Rajkot



 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2



ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

Sanction Letter

No.: SSIP/2021/SL/07

Date: 1/10/2022

To,
Jay Patel
Department of Electronics and Communication Engineering

Subject: Sanction of SSIP grant for Proof of Concept (PoC)

Respected Sir / Madam,

I am pleased to inform you that the grant application under the Student Start-Up and Innovation Policy (SSIP) by the Government of Gujarat, for the Proof of Concept (PoC) titled “**Crack Detector**” by **Madhav N. Shanishvara** under your mentorship, has been sanctioned.

The duration of the grant would be **1 year** and the total sanction amount is **Rs. 10000**.

Kindly go through the attached files for your reference. Please follow the SSIP rules for further process. You are required to submit the necessary documents.

For further information, you can reach **Mr. Pratik Kikani, Mo. 9879858594**.

Dr. Ashish M. Kothari
SSIP Coordinator

☎ +91 281 2563445 ☎ +91 281 2563952 ✉ admin@atmiyauni.ac.in 🌐 www.atmiyauni.ac.in

Atmiya University Registrar, Rajkot-Gujarat-India

Atmiya University
Rajkot



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**ATMIYA
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NAAC – Cycle – 1
AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1
M 3.2.2

SSIP



**ATMIYA
UNIVERSITY**
RAJKOT, GUJARAT (INDIA)



CERTIFICATE

This is to certify that

Madhav N. Shanishvara

&

Dr./ Mr./Ms. **Jay Patel** (Principal Investigator)

have successfully completed the project titled **Crack Detector** of

Rs. **0.10** Lakhs funded by Knowledge Consortium of Gujarat, Government of Gujarat

under Student Start-up and Innovation Policy (SSIP) grant during the year **2021-2023**

Dr. Ashish Kothari

Director - Research, Innovation & Translation

SSIP/2021/SL/07

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2

E-Farming Robot



ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

Sanction Letter

No.: SSIP/2021/SL/08

Date: 1/10/2022

To,
Jay Patel
 Department of Electronics and Communication Engineering

Subject: Sanction of SSIP grant for Proof of Concept (PoC)

Respected Sir / Madam,

I am pleased to inform you that the grant application under the Student Start-Up and Innovation Policy (SSIP) by the Government of Gujarat, for the Proof of Concept (PoC) titled “**E-farming Robot**” by **Rahul B. Yadav** under your mentorship, has been sanctioned.

The duration of the grant would be **1 year** and the total sanction amount is **Rs. 1750**.

Kindly go through the attached files for your reference. Please follow the SSIP rules for further process. You are required to submit the necessary documents.

For further information, you can reach **Mr. Pratik Kikani, Mo. 9879858594**.

Dr. Ashish M. Kothari
 SSIP Coordinator





**ATMIYA
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NAAC – Cycle – 1
AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1
M 3.2.2

SSIP



**ATMIYA
UNIVERSITY**
RAJKOT, GUJARAT (INDIA)



CERTIFICATE

This is to certify that

Rahul B. Yadav

&

Dr./ Mr./Ms. **Jay Patel** (Principal Investigator)

have successfully completed the project titled **E-farming Robot** of

Rs. **0.01** Lakhs funded by Knowledge Consortium of Gujarat, Government of Gujarat

under Student Start-up and Innovation Policy (SSIP) grant during the year **2021-2023**

Dr. Ashish Kothari

Director - Research, Innovation & Translation

SSIP/2021/SL/08

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2

KARANJ: Development of Ayurvedic (HERBAL) formulation for dental health



ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

Sanction Letter

No.: SSIP/2021/SL/09

Date: 1/10/2022

To,
Rachana Joshi
Department of Pharmacy

Subject: Sanction of SSIP grant for Proof of Concept (PoC)

Respected Sir / Madam,

I am pleased to inform you that the grant application under the Student Start-Up and Innovation Policy (SSIP) by the Government of Gujarat, for the Proof of Concept (PoC) titled “**KARANJ: Development of Ayurvedic (Herbal) formulation for dental health**” by Sweta Dattani under your mentorship, has been sanctioned.

The duration of the grant would be **1 year** and the total sanction amount is **Rs. 27000**.

Kindly go through the attached files for your reference. Please follow the SSIP rules for further process. You are required to submit the necessary documents.

For further information, you can reach **Mr. Pratik Kikani, Mo. 9879858594**.

Dr. Ashish M. Kothari
SSIP Coordinator





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1
AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1
M 3.2.2

SSIP



**ATMIYA
UNIVERSITY**
RAJKOT, GUJARAT (INDIA)



CERTIFICATE

This is to certify that

Sweta Dattani

&

Dr./ Mr./Ms. **Rachana Joshi** (Principal Investigator)

have successfully completed the project titled **KARANJ: Development of Ayurvedic (Herbal) formulation for dental health** of

Rs. **0.27** Lakhs funded by Knowledge Consortium of Gujarat, Government of Gujarat

under Student Start-up and Innovation Policy (SSIP) grant during the year **2021-2023**

Dr. Ashish Kothari

Director - Research, Innovation & Translation

SSIP/2021/SL/09

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2

Development and evaluation of natural face moisturizer



ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

Sanction Letter

No.: SSIP/2021/SL/10

Date: 1/10/2022

To,
Kevin Garala
Department of Pharmacy

Subject: Sanction of SSIP grant for Proof of Concept (PoC)

Respected Sir / Madam,

I am pleased to inform you that the grant application under the Student Start-Up and Innovation Policy (SSIP) by the Government of Gujarat, for the Proof of Concept (PoC) titled **“Development and evaluation of natural face moisturizer”** by **Khushi Javia** under your mentorship, has been sanctioned.

The duration of the grant would be **1 year** and the total sanction amount is **Rs. 32000**.

Kindly go through the attached files for your reference. Please follow the SSIP rules for further process. You are required to submit the necessary documents.

For further information, you can reach **Mr. Pratik Kikani, Mo. 9879858594**.

Dr. Ashish M. Kothari
SSIP Coordinator





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1
AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1
M 3.2.2



**ATMIYA
UNIVERSITY**
RAJKOT, GUJARAT (INDIA)



CERTIFICATE

This is to certify that

Khushi Javia

&

Dr./ Mr./Ms. **Kevin Garala** (Principal Investigator)

have successfully completed the project titled **Development and evaluation of natural face moisturizer** of

Rs. **0.32** Lakhs funded by Knowledge Consortium of Gujarat, Government of Gujarat

under Student Start-up and Innovation Policy (SSIP) grant during the year **2021-2023**

Dr. Ashish Kothari

Director - Research, Innovation & Translation

SSIP/2021/SL/10

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2

Development and Evaluation of In-situ gel containing Herbs for the treatment of mouth ulcer



ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

Sanction Letter

No.: SSIP/2021/SL/11

Date: 1/10/2022

To,
Kevin Garala
 Department of Pharmacy

Subject: Sanction of SSIP grant for Proof of Concept (PoC)

Respected Sir / Madam,

I am pleased to inform you that the grant application under the Student Start-Up and Innovation Policy (SSIP) by the Government of Gujarat, for the Proof of Concept (PoC) titled “**Development and Evaluation of In-situ gel containing Herbs for the treatment of mouth ulcer**” by **Smit Lunagariya** under your mentorship, has been sanctioned.

The duration of the grant would be **1 year** and the total sanction amount is **Rs. 28000**.

Kindly go through the attached files for your reference. Please follow the SSIP rules for further process. You are required to submit the necessary documents.

For further information, you can reach **Mr. Pratik Kikani, Mo. 9879858594**.

Dr. Ashish M. Kothari
 SSIP Coordinator





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1
AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1
M 3.2.2

SSIP



**ATMIYA
UNIVERSITY**
RAJKOT, GUJARAT (INDIA)



CERTIFICATE

This is to certify that

Smit Lunagariya

&

Dr./ Mr./Ms. **Kevin Garala** (Principal Investigator)

Development and Evaluation of In-situ gel containing Herbs for
the treatment of mouth ulcer

Rs. **0.28** Lakhs funded by Knowledge Consortium of Gujarat, Government of Gujarat

under Student Start-up and Innovation Policy (SSIP) grant during the year **2021-2023**

Dr. Ashish Kothari

Director - Research, Innovation & Translation

SSIP/2021/SL/11

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2

Development and evaluation of moisturizers having mosquito repellent effect



ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

Sanction Letter

No.: SSIP/2021/SL/12

Date: 1/10/2022

To,
Kevin Garala
Department of Pharmacy

Subject: Sanction of SSIP grant for Proof of Concept (PoC)

Respected Sir / Madam,

I am pleased to inform you that the grant application under the Student Start-Up and Innovation Policy (SSIP) by the Government of Gujarat, for the Proof of Concept (PoC) titled **“Development and evaluation of moisturizers having mosquito repellent effect”** by **Aastha Rathod** under your mentorship, has been sanctioned.

The duration of the grant would be **1 year** and the total sanction amount is **Rs. 30000**.

Kindly go through the attached files for your reference. Please follow the SSIP rules for further process. You are required to submit the necessary documents.

For further information, you can reach **Mr. Pratik Kikani, Mo. 9879858594**.

Dr. Ashish M. Kothari
SSIP Coordinator





**ATMIYA
UNIVERSITY**

**NAAC – Cycle – 1
AISHE: U-0967**

Criterion- 3

R,I & E

KI – 3.2

**M 3.2.1
M 3.2.2**

SSIP



**ATMIYA
UNIVERSITY**
RAJKOT, GUJARAT (INDIA)



CERTIFICATE

This is to certify that

Aastha Rathod

&

Dr./ Mr./Ms. **Kevin Garala** (Principal Investigator)

have successfully completed the project titled **Development and evaluation of moisturizers having mosquito repellent effect** of

Rs. **0.30** Lakhs funded by Knowledge Consortium of Gujarat, Government of Gujarat

under Student Start-up and Innovation Policy (SSIP) grant during the year **2021-2023**

Dr. Ashish Kothari

Director - Research, Innovation & Translation

SSIP/2021/SL/12

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2

Modified aloe vera gel for keloid



ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

Sanction Letter

No.: SSIP/2021/SL/13

Date: 1/10/2022

To,
Samixa Patel
Department of Pharmacy

Subject: Sanction of SSIP grant for Proof of Concept (PoC)

Respected Sir / Madam,

I am pleased to inform you that the grant application under the Student Start-Up and Innovation Policy (SSIP) by the Government of Gujarat, for the Proof of Concept (PoC) titled “**Modified aloe vera gel for keloid**” by **Rutvi Sanjaybhai Vasoya, Vishva Pareshbhai Patoriya** under your mentorship, has been sanctioned.

The duration of the grant would be **1 year** and the total sanction amount is **Rs. 8500**.

Kindly go through the attached files for your reference. Please follow the SSIP rules for further process. You are required to submit the necessary documents.

For further information, you can reach **Mr. Pratik Kikani, Mo. 9879858594**.

Dr. Ashish M. Kothari
SSIP Coordinator





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1
AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1
M 3.2.2

SSIP



**ATMIYA
UNIVERSITY**
RAJKOT, GUJARAT (INDIA)



CERTIFICATE

This is to certify that

Rutvi Sanjaybhai Vasoya, Vishva Pareshbhai Patoriya _____ &

Dr./ Mr./Ms. **Samixa Patel** _____ (Principal Investigator)

have successfully completed the project titled **Modified aloe vera gel for keloid** _____ of

Rs. **0.08** Lakhs funded by Knowledge Consortium of Gujarat, Government of Gujarat

under Student Start-up and Innovation Policy (SSIP) grant during the year **2021-2023**

Dr. Ashish Kothari

Director - Research, Innovation & Translation

SSIP/2021/SL/13

Atmiya University, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



 ATMIYA UNIVERSITY	NAAC – Cycle – 1 AISHE: U-0967	
	Criterion- 3	R,I & E
	KI – 3.2	M 3.2.1 M 3.2.2

Development and Evaluation of herbal Antibacterial gel



ATMIYA UNIVERSITY

(Established under the Gujarat Private University Act 11, 2018)

Yogidham Gurukul, Kalawad Road, Rajkot - 360005, Gujarat (INDIA)

Sanction Letter

No.: SSIP/2021/SL/14

Date: 1/10/2022

To,
Mital Manvar
Department of Pharmacy

Subject: Sanction of SSIP grant for Proof of Concept (PoC)

Respected Sir / Madam,

I am pleased to inform you that the grant application under the Student Start-Up and Innovation Policy (SSIP) by the Government of Gujarat, for the Proof of Concept (PoC) titled **“Development and Evaluation of herbal Antibacterial gel”** by **Devyani Agrawal, Chauhan Juli** under your mentorship, has been sanctioned.

The duration of the grant would be **1 year** and the total sanction amount is **Rs. 20000**.

Kindly go through the attached files for your reference. Please follow the SSIP rules for further process. You are required to submit the necessary documents.

For further information, you can reach **Mr. Pratik Kikani, Mo. 9879858594**.

Dr. Ashish M. Kothari
SSIP Coordinator





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1
AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1
M 3.2.2

SSIP



**ATMIYA
UNIVERSITY**
RAJKOT, GUJARAT (INDIA)



CERTIFICATE

This is to certify that

Devyani Agrawal, Chauhan Juli

&

Dr./ Mr./Ms. **Mital Manvar** (Principal Investigator)

have successfully completed the project titled **Development and Evaluation of herbal Antibacterial gel** of

Rs. **0.20** Lakhs funded by Knowledge Consortium of Gujarat, Government of Gujarat

under Student Start-up and Innovation Policy (SSIP) grant during the year **2021-2023**

Dr. Ashish Kothari

Director - Research, Innovation & Translation

SSIP/2021/SL/14

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1
AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1

M 3.2.2

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



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**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1
AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1
M 3.2.2

Shri Hari Educational Trust

Trust Reg. No. E-18506

Shri Raju D. Desai

Chairman / Managing Trustee

St. Rock's High School & Jr. College

RSC 15, Gorai-II, Borivali (W), Mumbai-400 091

Tel. : 2868 2586, 2867 1575

B-201, Pranay Vidya,
Opp. Pawar School,
Near Poisur Gymkhana,
Kandivali (W), Mumbai-400 067,
Tel. : 2805 3556

To

Date:1-12-2021

The Secretary,

Sarvodaya Kelavani Samaj,

Managing Trust of Atmiya University, Rajkot

Dear Sir / Madam,

Sub: Approval for research projects by faculty members of Atmiya University, Rajkot

We are writing to give the formal approval and endorsement of the research projects submitted by the faculty members of Atmiya University. Total Sanctioned amount is Rs. 1,42,78,000/-. The details of the approved projects along with the sanctioned amount is given below.

S.N.	Name of Principal Investigator	Title of the Project	Duration (Years)	Sanctioned Amount (in Rs.)
1	Bhavin Amrutlal Patel	GST and Small Businesses: Challenges, Adaptations, and Growth Opportunities	3	₹ 3,30,000
2	Chirag Vipulbhai Erda	A Study of the Impact of Green Marketing Practices on the Brand Image of Organisations in Gujarat	5	₹ 10,00,000
3	Darshan Nitinbhai Jani	AI Based Carbon emission optimization for sustainable educational campuses	5	₹ 10,00,000
4	Dimple Kantibhai Kachhadiya	Antibiofilm activity of marine microorganism	3	₹ 5,00,000
5	Jagniyant Hirabhai Lunagariya	Investigation of microplastic in ambient air of saurashtra region	3	₹ 3,00,000
6	Manojkumar Vitthalbhai Sheladiya	Development of metal scrap sorting technology based on color and shape-based which utilizes advanced imaging and computer vision techniques to identify and classify metal scraps	5	₹ 48,19,000

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Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



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**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1
AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1
M 3.2.2

Shri Hari Educational Trust

Trust Reg. No. E-18506

Shri Raju D. Desai

Chairman / Managing Trustee

St. Rock's High School & Jr. College

RSC 15, Gorai-II, Borivali (W), Mumbai-400 091

Tel. : 2868 2586, 2867 1575

B-201, Pranay Vidya,
Opp. Pawar School,
Near Poisur Gymkhana,
Kandivali (W), Mumbai-400 067,
Tel. : 2805 3556

S.N.	Name of Principal Investigator	Title of the Project	Duration (Years)	Sanctioned Amount (in Rs.)
7	Mayank Mahendrabhai Parekh	Performance evaluation of cement concrete by using waste materials.	3	₹ 5,20,000
8	Miral Parth Ambavi	Strategic Decision-Making with Operations Research	3	₹ 3,15,000
9	Shweta Anil Bhatt	Assessing the Synergistic Impact of Organic Carriers and PGPR on Groundnut Growth	5	₹ 10,00,000
10	Tosal Manojkumar Bhalodia	Development of Advanced Software Games for Experiential Learning in Pharmaceutical Science	5	₹ 35,14,000
11	Vishal Khasgiwala	Role of Brand Ambassador in the Higher Education Promotion using VisCAP Model	3	₹ 3,30,000
12	Yagnesh Nareshibhai Makwana	Smart Home Automation System	3	₹ 3,00,000
13	Yogesh Bhikhabhai Dudhagara	Development and Validation of a UV Spectrophotometric Method for Simultaneous Estimation of Aspirin and Rifamycin SV	3	₹ 3,50,000

We request you to kindly update us with the progress of the research projects


Yours Sincerely



Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**

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**ATMIYA
UNIVERSITY**

**NAAC – Cycle – 1
AISHE: U-0967**

Criterion- 3

R,I & E

KI – 3.2

**M 3.2.1
M 3.2.2**

श्री १॥
Swami Shreeji
Shree Hari

Mob. : 9825305093
9909816465



M/S. SARVAMANGAL CONSTRUCTION CO.
("A" Class Govt. Approved Contractor)

11, Indraprasth Shopping Center, Shaktinath, Bharuch-392001. Email : sarvamangalconstruction@gmail.com

Date:9-12-2021

To
The Secretary,
Sarvodaya Kelavani Samaj,
Managing Trust of Atmiya University, Rajkot

Dear Sir / Madam,

Sub: Approval Letter for funding to **faculty members** of Atmiya University for their research projects – Total Amount: Rs. 73,82,000/-

Please note that we have approved the financial funding for the research projects submitted by faculty members of Atmiya University. The details of the projects along with approval amount is mentioned below.

S.N.	Name of Principal Investigator	Title of the Project	Duration (Years)	Sanctioned Amount (in Rs.)
1	Amit Khimjibhai Patel	Unvelling A Revolutionary Prototype Model for Website Vunlnerability Analysys Using AI	5	₹ 11,80,000
2	Bhumika Shitalkumar Zalavadia	Seven Chakras for Counciousness Development	5	₹ 12,00,000
3	Dhaval Arvindbhai Tank	Exploring Sugarcane Bagasse as a Renewable Feedstock for Bioethanol Production	5	₹ 11,25,000
4	Mihir Dineshbhai Gajjar	Sustainability in Automotive Design: Integrating Circular Economy Principles into Vehicle Production	5	₹ 12,00,000
5	Parag Anilkumar Rabara	Development of Polymer-Based In Situ Gelling Systems for Controlled	5	₹ 11,75,000

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



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**ATMIYA
UNIVERSITY**

**NAAC – Cycle – 1
AISHE: U-0967**

Criterion- 3

R,I & E

KI – 3.2

**M 3.2.1
M 3.2.2**

श्री १॥
Swami Shreeji
Shree Hari

Mob. : 9825305093
9909816465



M/S. SARVAMANGAL CONSTRUCTION CO.
("A" Class Govt. Approved Contractor)

11, Indraprasth Shopping Center, Shaktinath, Bharuch-392001. Email : sarvamangalconstruction@gmail.com

S.N.	Name of Principal Investigator	Title of the Project	Duration (Years)	Sanctioned Amount (in Rs.)
		Drug Delivery: Design, Characterization, and Evaluation		
6	Sagar Mansukhbhai Bechara	A Review On Hydrogen As Future Fule Hydrogen Fuel Cell Vehicles.	3	₹ 3,50,000
7	Satishkumar Dhirajlal Tala	Design, Synthesis and Molecular Docking of Novel Amino Benzene Sulfonamide Hybrids for Diabetes Treatment	5	₹ 11,52,000

We congratulate faculty members for their dedication towards finding solutions for the societal use.

With warm regards

M/S. Sarvamangal Construction Co.


Partner



**ATMIYA
UNIVERSITY**

**NAAC – Cycle – 1
AISHE: U-0967**

Criterion- 3

R,I & E

KI – 3.2

**M 3.2.1
M 3.2.2**



Krutarth I. Patel

21, Siddhivinayak Park,
Nr. Dhermanager, Bholav, Bharuch.
Mobile : 9909816465
E-mail : krutarthest90@me.com

Date:22-11-2021

To

The Secretary,

Sarvodaya Kelavani Samaj,

Managing Trust of Atmiya University, Rajkot

Sub: Sanction of Financial Grant for Research Projects to faculty members of Atmiya University

With reference to the above subject, we wish to let you know that we have selected research projects submitted by the faculty members of the Atmiya University for Financial Grant of Rs. 39,50,000 as per the following details.

S.N.	Name of Principal Investigator	Title of the Project	Duration (Years)	Sanctioned Amount (in Rs.)
1	Alpa Vinodray Joshi	Integrating the 9R model in banking operations: a comparative study of sustainable practices in public and private sector bank	5	₹ 12,00,000
2	Hani Mukeshbhai Jani	Formulation and Evaluation of a Phytosome Delivery System for Vicenin: Enhancing Bioavailability and Therapeutic Potential	3	₹ 3,50,000
3	Hiren Dhirajlal Ramani	Recycled Aggregate Concrete for Circular Economy	3	₹ 3,50,000
4	Nishita Tulsidas Thakrar	Technological adoption and its impact on the trading habits of retail investors in gujarat	3	₹ 3,50,000
5	Paresh Manojbhai Sangadiya	Advanced Control Techniques for Hybrid Electric Vehicles.	3	₹ 3,50,000

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



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**ATMIYA
UNIVERSITY**

**NAAC – Cycle – 1
AISHE: U-0967**

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1

M 3.2.2

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



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**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1

AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1

M 3.2.2



Krutarth I. Patel

21, Siddhivinayak Park,
Nr. Dhermanager, Bholav, Bharuch.
Mobile : 9909816465
E-mail : krutarthest90@me.com

S.N.	Name of Principal Investigator	Title of the Project	Duration (Years)	Sanctioned Amount (in Rs.)
6	Prashant Shamjibhai Gajera	Development and Characterization of Superhydrophobic Metal Surfaces	5	₹ 5,00,000
7	Pratik Pravin	Exploring Social Media User's Perceptions of Advertising : A Case Study of Gujarat, India	3	₹ 3,50,000
8	Sagarkumar Indravadan Shah	Experimental Investigation of Corrosion Behavior of Super Duplex Stainless Steel Weld	5	₹ 5,00,000

We will be requiring regular updates on the progress of the above sanctioned projects in the formats as finalized by the University.

Thanking You,

K I Patel

Krutarth I Patel

(Proprietor)





**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1
AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1

M 3.2.2

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



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**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1

AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1

M 3.2.2



Date: 27-12-2021

To

The Secretary,

Sarvodaya Kelavani Samaj,

Managing Trust of Atmiya University, Rajkot

Dear Sir / Madam,

Sub: Sanction of funding for research projects by **faculty members** of Atmiya University
– reg.

We are pleased to approve research projects submitted by the faculty members of the Atmiya University. The details are given in the table below.

S. N.	Name of Principal Investigator	Title of Project	Duration (in Years)	Sanctioned Amount Rs.
1	Abhijeet Sudhirrao Joshi	Geochemistry and geobiology of Girnar mountain range: A study on microorganisms	5	₹ 25,00,000
2	Amisha Chintan Ghelani	Exploring and analyzing awareness of corporate social responsibility in gujarat	3	₹ 4,00,000
3	Bhakti Jagdishchandra Ladva	"Development and Validation of Eco-efficient Analytical Methods for Quantifying Pharmaceutical Pollutants in Wastewater Streams	3	₹ 4,40,000
4	Dipak Jayantilal Dave	Inhibition study of different crystals developed in body	5	₹ 20,00,000
5	Falgun Gunvantray Dhabaliya	To evaluate antidiabetic activity of Indian Medicinal Plant	5	₹ 4,60,000
6	Govind Vrajvallabhbbhai Vagadiya	Comparative Study Of Corrosion Behavior Of Different Types Of Steel Used In Process Equipment Manufacturing Industry	5	₹ 15,00,000

Premier Engineering & Equipment Mfg. Co.

Plot No. 10, Industrial Park 1, Rajoda, Bavla, info@premiereng.in
Ahmednagar-382222, Gujarat, India www.premiereng.in
Phone: +91 7874377111

Atmiya University Registrar, Rajkot-Gujarat-India

**Atmiya University
Rajkot**



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**ATMIYA
UNIVERSITY**

NAAC – Cycle – 1

AISHE: U-0967

Criterion- 3

R,I & E

KI – 3.2

M 3.2.1

M 3.2.2



S. N.	Name of Principal Investigator	Title of Project	Duration (in Years)	Sanctioned Amount Rs.
7	Hemantkumar Gulabrao Sonkusare	Automation in Environment & Water and Waste Water Engineering (WWE) Laboratory	5	₹ 10,13,000
8	Kairvi Jitendrabhai Rathod	Advancing ESG Investing through AI-Driven Analytics	3	₹ 4,00,000
9	Kevin Chandulal Garala	Nano-Phytosomes: Development and Characterization of Innovative Delivery Systems for the Management of Cancer by Phytochemicals	5	₹ 24,75,000
10	Mahesh Martand Savant	Synthesis of privilege heterocyclic compounds using nano catalyst	5	₹ 15,00,000
11	Mayursinh Bhikhubha Jadeja	Enhancing Urban Public Transportation Efficiency Through Smart Bus Stops and Route Optimization	3	₹ 4,30,000
12	Mital Nirajbhai Manvar	Development and Evaluation of Phytosomes of Vernonia anthelmintica for management of Diabetes	5	₹ 29,75,000
13	Mousumi Bjoykumar Das	Demystifying the prime potential of plastic degrading actinobacteria and development of a potent consortia	5	₹ 24,00,000
14	Nehaben Dilipbhai Borad	Techniques and Applications of Numerical methods through SCILAB	5	₹ 10,10,000
15	Pankajkumar Babubhai Nariya	Phytochemical study of Anti-hypertensive herbs <i>Viscum articulatum</i> Burm. f. (Loranthaceae)" - A Bioactivity Guided Isolation approach	5	₹ 18,25,000
16	Pratik Tansukhray Kikani	Metallurgical Analysis and Characterization of Mechanical and Chemical Properties of Welded Magnesium Alloys for Application in Aerospace and Automotive Sectors	5	₹ 10,30,000
17	Preetam Prabha Shanker Joshi	Assessing Genetic Diversity of <i>Commiphora wightii</i> Populations in Gujarat Using Molecular Approaches	5	₹ 25,00,000

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**Atmiya University
Rajkot**





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**NAAC – Cycle – 1
AISHE: U-0967**

Criterion- 3

R,I & E

KI – 3.2

**M 3.2.1
M 3.2.2**



S. N.	Name of Principal Investigator	Title of Project	Duration (in Years)	Sanctioned Amount Rs.
18	Ragini Raghav	Nanoparticle-Assisted PGPR in Alleviating Heavy Metal Toxicity and Promoting Plant Health	5	₹ 10,20,000
19	Rohan Vinodbhai Pandya	Development of Screening kit for Brucella	5	₹ 19,38,000
20	Samixa Rameshbhai Patel	Nanotechnology-based formulation for the ocular delivery of natural compounds	5	₹ 10,90,000
21	Shivani Hareshbhai Tank	Exploring the potential of marine flora for its exopolysaccharides implications	3	₹ 4,55,000
22	Vijay Satyajit Chauhan	Neurobehavioral Effects of Rajat Bhasma in Wistar Rats: A Preclinical Evaluation of Anxiolytic and Cognitive Properties	3	₹ 4,20,000
Total Funding				₹ 2,97,81,000

Please note that allocation from this grant should not exceed the sanctioned amount.

We appreciate and congratulate all the Faculty members and Atmiya University for their efforts towards research and innovation.

Thanks and Best Wishes

For

PREMIER ENGINEERING & EQUIPMENT MFG. CO.

Parth

Authorized Signatory

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