



## **CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY**

### **Criteria 3**

#### **Research, Innovations and Extension**

<b>Metric 3.2.2</b>	Grants for research projects sponsored by the government agencies during the last five years
<b>3.2.2.1</b>	Total Grants for research projects sponsored by the government agencies year wise during the last five years (INR in Lakhs)

### **Supporting Documents**

<b>1</b>	E-copies of the grant award letters for research projects sponsored by government <b>(Year : 2019-20)</b>
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# **Faculty of Technology & Engineering**

FILE NO. TARI/2020/000218  
SCIENCE & ENGINEERING RESEARCH BOARD (SERB)  
(A statutory body of the Department of Science & Technology, Government of India)

S & SA, Lower Ground Floor  
Vasant Square Mall  
Plot No. A, Community Centre  
Sector-B, Pocket-S, Vasant Kunj  
New Delhi-110070

Dated: 24-Dec-2020

ORDER

Subject: Financial Sanction under Teachers Associateship for Research Excellence (TARE) to Mr. Bhargav Bharathai Shabhana, Charotar University Of Science & Technology, Changa, Post Changa, Petlad, Anand, Gujarat-388421- under the mentorship of Dr. Vasant Matsagar, at Indian Institute of Technology Delhi IIT Campus, Hauz Khas, New Delhi, Delhi - 110016- Release of 1st grant.

Sanction of Science and Engineering Research Board (SERB) is hereby accorded to the above mentioned grant at a total cost of Rs. 18,30,000/- (Rs. Rupees Eighteen Lakh Thirty Thousand only Only) for a duration of 36 months. The date of start of the project will be 15 December, 2020. The items of expenditure for which the total allocation of Rs. 18,30,000/- has been approved are given below:

The following budget is proposed for

Charotar University Of Science & Technology, Changa, Post Changa, Petlad, Anand, Gujarat-388421 (Parent)

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 0 ( @0/- per month (consolidated))
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

Indian Institute of Technology Delhi IIT Campus, Hauz Khas, New Delhi, Delhi - 110016 (Host)

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 60,000 ( on completion of 90 days mandatory attendance in the host institute every year)
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

2. Sanction of the SERB is also accorded to the payment of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only) to Charotar University Of Science & Technology, Changa, Post Changa, Petlad, Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) to Indian Institute of Technology Delhi IIT Campus, Hauz Khas, New Delhi, Delhi - 110016 being the first installment of the grant for the year 2020-2021 for implementation of the said research project.

3. The expenditure involved is debitable to

Fund for Science & Engineering Research (F'SER)

This release is being made under Teachers Associateship For Research Excellence (TARE). (Civil & Environmental Engineering)

4. The Sanction has been issued to with the approval of the competent authority vide Diary No. SERB/F/6196/2020-2021 dated 24 December, 2020

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in)).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

8. The release amount of Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Charotar University of Science & Technology, Changa, Post changa, petlad, Anand, Gujarat-388421 (Parent):

PFMS Unique Code	CHARUSAT
Account Name	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY
Account Number	311801010050092
Bank Name & Branch	Union Bank of India NEAR TOWER, CHANGA, TALUKA - PETLAD, DIST. ANAND, GUJARAT, 388421
IFSC/RTGS Code	UBIN0531189
Email address of PI	bhargavshabhana.cv@charusat.ac.in
Email id of A/C Holder	registrar@charusat.ac.in
Email address of concerned officer	ms_tare@serbonline.in

The release amount of Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only) will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

Indian Institute of Technology Delhi IIT Campus, Hauz Khas, New Delhi, Delhi - 110016 (Host) :

PFMS Unique Code	DLSD00000275
Account Name	IRD ACCOUNT HTD
Account Number	10773572800
Bank Name & Branch	STATE BANK OF INDIA INDIAN INSTITUTE OF TECHNOLOGY, HAUZ KHAS, NEW DELHI - 110016
IFSC/RTGS Code	SBIN0001877
Email address of PI	bhargavshobhana.cv@charusat.ac.in
Email id of A/C Holder	aridac@admin.iitd.ac.in
Email address of concerned officer	ms_tare@serbonline.in

9. Both the institutes will furnish Utilization certificate(UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.

11. The File no. TAR/2020/000218 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

12. As this is the first grant for the fellowship, no previous U/C is required.

13. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/ acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

(Dr. T Thangaradjou)  
Scientist E  
ms\_tare@serbonline.in

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to:-

1.	The Principal Director of Audit, A.G.C.R. Building, 11th Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi
3.	File Copy
4.	<p>(i) Mr. Bhargav Bharatbhai Shobhana M. S. Patel Department of Civil Engineering Charotar University of Science &amp; Technology, Changa, Post Changa, Petlad, Anand, Gujarat-388421 Email: bhargavshobhana.cv@charusat.ac.in Mobile: 919974249386</p> <p>(ii) Dr. Vasant Matsagar Indian Institute of Technology Delhi IIT Campus, Hauz Khas, New Delhi, Delhi - 110016</p> <p>(Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a>.)</p>
5.	<p>(i) Registrar, Charotar University Of Science &amp; Technology, Changa, Post Changa, Petlad</p> <p>(ii) DEAN R and D IIT DELHI Indian Institute of Technology Delhi IIT Campus, Hauz Khas, New Delhi, Delhi - 110016</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

(Dr. T Thangaradjou)  
Scientist E  
ms\_tare@serbonline.in





Bhargav Shobhana &lt;bhargavshobhana.cv@charusat.ac.in&gt;

**SERB-Notification**

3 messages

SERB\_Administrator@serbonline.in <SERB\_Administrator@serbonline.in>  
To: serbinfo1@gmail.com

Wed, Jan 6, 2021 at 2:26 PM



**Science and Engineering Research Board**  
(Statutory Body Established Through an Act of Parliament : SERB Act 2008)  
Department of Science and Technology, Government of India

**SCIENCE & ENGINEERING RESEARCH BOARD (SERB)**

(Statutory Body Established Through an Act of Parliament : SERB Act 2008)

Science and Engineering Research Board  
5 & 5A, Lower Ground Floor  
Vasant Square Mall  
Sector-B, Pocket-5  
Vasant Kunj  
New Delhi - 110 070

**File Number: TAR/2020/000218****Dated: 06-Jan-2021****Subject: Start date for the project titled "Novel Passive Electromagnetic Dampers for Vibration Control of Structures".****Dear Mr. Bhargav Bharatbhai Shobhana,**The start date of your file number **TAR/2020/000218** is **15 December, 2020**

You are now requested to upload the Statement of Expenditure and Utilization Certificate after each financial year so as to enable us release next installments.

To upload SE/UC , Kindly go to Submitted Proposals --> **View** --> **Select the File Number** --> **Upload SE/UC** --> **Upload New SE****Yours sincerely,****(Dr. Under Secretary)****DDO****Email: [finance@serb.gov.in](mailto:finance@serb.gov.in)****Mr. Bhargav Bharatbhai Shobhana****M. S. Patel Department Of Civil Engineering**

# GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

Department of Science & Technology, Government of Gujarat

Block B, 7th Floor, M. S. Building, Nr. Pathikashram, Sector-11,  
Gandhinagar, Gujarat - 382011

Phone (079) 23259362-65 Fax (079) 23259363

E-mail info-gujcost@gujarat.gov.in

URL www.gujcost.gujarat.gov.in



**Dr. Narottam Sahoo**  
Advisor & Member Secretary

GUJCOST/Seminar Grant 2981/2019-20/ 893

20<sup>th</sup> August, 2020

**Dr. Amit Ganatra**

Principal

Devang Patel Institute of Advance Technology & Research

Charusat Campus, Changa

Anand- 388421

Sub: Financial Support of GUJCOST for the webinar on "Machine Learning: The Key Driver of Digital Transformation"

Ref: Your proposal, dated 10<sup>th</sup> August, 2020

Dear Sir,

Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

With reference to above, it is our pleasure to inform you that your proposal for holding the programme "Machine Learning: The Key Driver of Digital Transformation" during 12-16th October, 2020 has been considered for the financial support of GUJCOST.

GUJCOST, is in principle approved an amount of Rs. 10,000/- (Rupees ten thousand only) for this programme on the following terms and conditions.

1. If you change the date and speakers or proposed resource person then please, intimate to GUJCOST.
2. The programme will be organised as per the proposal and guidelines of GUJCOST for the grant.
3. GUJCOST will release the sanctioned amount after the completion of the programme and on receipt of the programme report, Utilization Certificate, list of experts, Nos of participants, statement of income & expenditure copy of vouchers, photographs, press notes, etc. with necessary stamp and signature of the Programme Coordinator and Head of the Institute.
4. The organiser should send one illustrative poster including the title of the programme, dates, venue and other information details in one-week advance to publish on GUJCOST website and social media for broader outreach.
5. The organiser shall acknowledge the support of GUJCOST, DST, and Govt. of Gujarat in all the publications including poster, brochure, banner, backdrop, invitation card, press release, souvenir and proceedings.
6. The organiser shall invite the DST, Govt. of Gujarat institutions as Resource Person / Expert Member as per the subject matter concern.
7. Once the programme is over, the organiser shall submit the program report, statement of expenditure and Utilization Certificate within one month of completion of the programme.

We once again thank you for your kind effort and interest in organising the programme and wish the programme a grand success.

Thank you and with best regards.

Yours sincerely,

(Narottam Sahoo)

# GUJARAT COUNCIL ON SCIENCE AND TECHNOLOGY

## Department of Science & Technology, Government of Gujarat



Block : B, 7th Floor, M. S. Building, Nr. Pathikashram, Sector-11,  
Gandhinagar, Gujarat - 382011.

Phone : (079) 23259362-65 Fax : (079) 23259363

E-mail : info-gujcost@gujarat.gov.in

URL : www.gujcost.gujarat.gov.in



**Dr. Narottam Sahoo**

Advisor & Member Secretary

GUJCOST/Seminar Grant 2970/2019-20/ 883

20<sup>th</sup> August, 2020

**Dr. Amit Ganatra**

Devang Patel Institute of Advance Technology and Research

Charusat Campus, Changa

Petlad, Anand- 388421

Sub: Financial Support of GUJCOST for the webinar on "Frontier of Deep Learning Applications for the Future"

Ref: Your proposal, dated 10<sup>th</sup> August, 2020

Dear Sir,

Greetings from Gujarat Council on Science and Technology (GUJCOST), Gandhinagar.

With reference to above, it is our pleasure to inform you that your proposal for holding the programme "Frontier of Deep Learning Applications for the Future" during 14-18<sup>th</sup> September, 2020 has been considered for the financial support of GUJCOST.

GUJCOST, is in principle approved an amount of Rs. 10,000 /- (Rupees ten thousand only) for this programme on the following terms and conditions.

1. If you change the date and speakers or proposed resource person then please, intimate to GUJCOST.
2. The programme will be organised as per the proposal and guidelines of GUJCOST for the grant.
3. GUJCOST will release the sanctioned amount after the completion of the programme and on receipt of the programme report, Utilization Certificate, list of experts, Nos of participants, statement of income & expenditure copy of vouchers, photographs, press notes, etc. with necessary stamp and signature of the Programme Coordinator and Head of the Institute.
4. The organiser should send one illustrative poster including the title of the programme, dates, venue and other information details in one-week advance to publish on GUJCOST website and social media for broader outreach.
5. The organiser shall acknowledge the support of GUJCOST, DST, and Govt. of Gujarat in all the publications including poster, brochure, banner, backdrop, invitation card, press release, souvenir and proceedings.
6. The organiser shall invite the DST, Govt. of Gujarat institutions as Resource Person / Expert Member as per the subject matter concern.
7. Once the programme is over, the organiser shall submit the program report, statement of expenditure and Utilization Certificate within one month of completion of the programme.

We once again thank you for your kind effort and interest in organising the programme and wish the programme a grand success.

Thank you and with best regards.

Yours sincerely,

  
(Narottam Sahoo)

# **Faculty of Pharmacy**





**Gujarat knowledge society**

C/o Commissionerate of Technical Education,  
3rd floor, block no. 2, karmayogi bhavan,  
Gandhinagar 382010,  
Email: [gksquj@gmail.com](mailto:gksquj@gmail.com)



**GKS/SSIP/SOIC 2020-2021/SO/SOIC 750**

**Date: 27-07-2020**

**SOIC Fund Sanction Order**

**By Email/Post**

**To,**

Vice Chancellor

**Charotar University of Science and Technology,**

**CHARUSAT Campus,**

Off Nadiad- Petlad Highway 139,

Changa, Gujarat 388421.

Reference:

1. The Minutes of Meeting of State Level Student Open Innovation Challenge Committee for Covid19 special call (SOIC 2020-21) held on 26/06/2020, 29/06/2020 and 30/06/2020.
2. Approval granted by Executive Chairperson, GKS dated 06/07/2020.

**Dear Sir/Madam,**

With Reference to 1 and 2, Student Startup Innovation Policy had invited Innovative Proposals to solve Problem Statements in relation to pandemic Covid19 under the Flagship Program Student Open Innovation Challenge (SOIC) 2020-21. With Reference to 1, SSIP has granted approval to Innovation under pharmacy domain with Title "Design and Development of novel 8-Hydroxyquinolino-pyridine alkaline scaffold :A potential therapeutic agent for inhibition of SARS COVID-19." to Team ID SOIC2021\_002002, Team Leader named Patel Stuti Yogesh from Ramanbhai Patel College of Pharmacy, CHARUSAT Campus, Off Nadiad- Petlad Highway 139, Changa, Gujarat 388421 under guiding faculty named Ashish Patel under Covid19 special round Phase 6 (SOIC 2020-21). They have been tied-up for fund release with SSIP Grantee - Charotar University of Science and Technology, CHARUSAT Campus, Off Nadiad- Petlad Highway 139, Changa, Gujarat 388421. With Reference to 2, SSIP is pleased to place the grant under Student Open Innovation Challenge (SOIC) programme of **Rs. 1,45,000 (Rs. One lakh Forty Five thousand Only)** to your university. The grant is now released to your University Bank Account No. 919010054901478 and IFSC Code UTIB0000446 to support SOIC 2020-21 project ID SOIC2021\_002002.

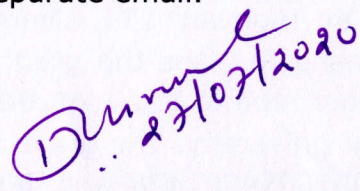
It is mandatory to follow below mentioned points by your institute/University.



1. The University must ensure that the fund has to be utilized for the sole purpose of SOIC project ID SOIC2021\_002002.
2. Tied up University has to submit the status of disbursed amount to the SOIC Project Teams on SSIP portal <http://SSIPGujarat.in/admin/Users/login> using SSIP Coordinator's Login credentials.
3. Parent Institute of Team - Ramanbhai Patel College of Pharmacy, CHARUSAT Campus, Off Nadiad- Petlad Highway 139, Changa, Gujarat 388421 and Guiding Faculty has to ensure that the SOIC team regularly submit the progress report on SSIP portal <http://SSIPGujarat.in/admin/Users/login> using Team Leaders Login credentials.
4. Allotted fund must be disbursed to student teams in installments as shown in the below table.

Sr. No.	Team Id	Name of Team Leader	Grant Amount in Instalments		Total Grant Amount (Rs.)
1	SOIC2021_002002	Patel Stuti Yogesh	1 <sup>st</sup>	36,250	1,45,000
			2 <sup>nd</sup>	36,250	
			3 <sup>rd</sup>	36,250	
			4 <sup>th</sup>	36,250	

5. First Instalment should be released immediately by tied up Institute/University.
6. As soon as the disbursed fund is fully utilized by students, next instalment must be immediately released without any delay.
7. All documentary proof of fund utilization like, bills, invoices, vouchers, online payment receipts must be kept with tied up institutes. All such documents must be verified by SSIP Coordinators and head of the Institute/University.
8. Tied up university should follow the disbursement guidelines as per guideline available at : [http://www.SSIPGujarat.in/datafiles/University SSIP%20Financial%20Guidelines.pdf](http://www.SSIPGujarat.in/datafiles/University%20SSIP%20Financial%20Guidelines.pdf)
9. Team Leaders Login credentials will be sent in separate email.

  
 Additional Chief Executive Officer  
 Gujarat Knowledge Society



**Enclosed:**

1. Original SOIC Proposal titled "Design and Development of novel 8-Hydroxyquinolino-pyridine alkaline scaffold :A potential therapeutic agent for inhibition of SARS COVID-19." with team ID SOIC2021\_002002
2. NEFT of amount Rs.1,45,000/-
3. The Government Resolution No. PRC/2016/IPIES/DS/S/710197, dated 11/01/2017
4. The Government Resolution No. PRC/102016/1719/S dated 28/03/2018

**Copy with Regards to:**

1. The Principal Secretary (Higher and Technical), Education Department, 8th Floor, Block No. 5, New Sachivalaya, Gandhinagar 382010
2. The Director, The Directorate of Technical Education, 6th Floor, Karmayogi Bhavan, Sector 10A, Gandhinagar 382010

**Copy to:**

1. Team Leader, Patel Stuti Yogesh, Team ID SOIC2021\_002002 from Ramanbhai Patel College of Pharmacy, CHARUSAT Campus, Off Nadiad-Petlad Highway 139, Changa, Gujarat 388421
2. The Principal, Ramanbhai Patel College of Pharmacy, CHARUSAT Campus, Off Nadiad- Petlad Highway 139, Changa, Gujarat 388421 - Parent Institute
3. Guiding Faculty of Team ID SOIC2021\_002002 named Dr. Ashish Patel, [aashishpatel2388@gmail.com](mailto:aashishpatel2388@gmail.com), Contact No. 9879825183
4. The Officer on Special Duty, MIS SSIP, GKS
5. The Officer on Special Duty, Grant Management SSIP, GKS
6. The Account Officer, The Directorate of Technical Education, Government of Gujarat, Karmayogi Bhavan, Sector 10A, Gandhinagar 382010
7. The Accountant, GKS
8. Selected File





**Gujarat knowledge society**

C/o Commissionerate of Technical Education,  
3rd floor, block no. 2, karmayogi bhavan,  
Gandhinagar 382010,  
Email: [gksguj@gmail.com](mailto:gksguj@gmail.com)



**GKS/SSIP/SOIC 2020-2021/SO/SOIC 751**

**Date: 27-07-2020**

**SOIC Fund Sanction Order**

**By Email/Post**

**To,**

Vice Chancellor

**Charotar University of Science and Technology,**

**CHARUSAT Campus,**

Off Nadiad- Petlad Highway 139,

Changa, Gujarat 388421.

Reference:

1. The Minutes of Meeting of State Level Student Open Innovation Challenge Committee for Covid19 special call (SOIC 2020-21) held on 26/06/2020, 29/06/2020 and 30/06/2020.
2. Approval granted by Executive Chairperson, GKS dated 06/07/2020.

**Dear Sir/Madam,**

With Reference to 1 and 2, Student Startup Innovation Policy had invited Innovative Proposals to solve Problem Statements in relation to pandemic Covid19 under the Flagship Program Student Open Innovation Challenge (SOIC) 2020-21. With Reference to 1, SSIP has granted approval to Innovation under pharmacy domain with Title "Development of Polyherbal nutraceutical formulation (PNF) to target COVID-19 and associated disorder sequelae." to Team ID SOIC2021\_002113, Team Leader named **Alkeshkumar Patel** from **Ramanbhai Patel College of Pharmacy**, CHARUSAT Campus, Off Nadiad- Petlad Highway 139, Changa, Gujarat 388421 under guiding faculty named Dr. Ashish Patel under Covid19 special round Phase 6 (SOIC 2020-21). They have been tied-up for fund release with SSIP Grantee -Charotar University of Science and Technology, CHARUSAT Campus, Off Nadiad- Petlad Highway 139, Changa, Gujarat 388421. With Reference to 2, SSIP is pleased to place the grant under Student Open Innovation Challenge (SOIC) programme of **Rs. 75,000 (Rs. Seventy five thousand Only)** to your university. The grant is now released to your University Bank Account No. 919010054901478 and IFSC Code UTIB0000446 to support SOIC 2020-21 project ID SOIC2021\_002113.

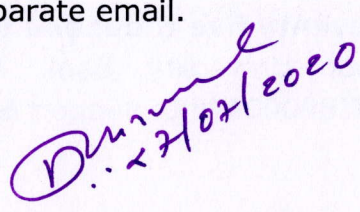


It is mandatory to follow below mentioned points by your institute/University.

1. The University must ensure that the fund has to be utilized for the sole purpose of SOIC project ID SOIC2021\_002113.
2. Tied up University has to submit the status of disbursed amount to the SOIC Project Teams on SSIP portal <http://SSIPgujarat.in/admin/Users/login> using SSIP Coordinator's Login credentials.
3. Parent Institute of Team - Ramanbhai Patel College of Pharmacy, CHARUSAT Campus, Off Nadiad- Petlad Highway 139, Changa, Gujarat 388421 and Guiding Faculty has to ensure that the SOIC team regularly submit the progress report on SSIP portal <http://SSIPgujarat.in/admin/Users/login> using Team Leaders Login credentials.
4. Allotted fund must be disbursed to student teams in installments as shown in the below table.

Sr. No.	Team Id	Name of Team Leader	Grant Amount (Rs) in Instalments		Total Grant Amount (Rs)
1	SOIC2021_002113	Alkeshkumar Patel	1 <sup>st</sup>	18750	75,000
			2 <sup>nd</sup>	18750	
			3 <sup>rd</sup>	18750	
			4 <sup>th</sup>	18750	

5. First Instalment should be released immediately by tied up Institute/University.
6. As soon as the disbursed fund is fully utilized by students, next instalment must be immediately released without any delay.
7. All documentary proof of fund utilization like, bills, invoices, vouchers, online payment receipts must be kept with tied up institutes. All such documents must be verified by SSIP Coordinators and head of the Institute/University.
8. Tied up university should follow the disbursement guidelines as per guideline available at : [http://www.ssiPGujarat.in/datafiles/University SSIP%20Financial%20Guidelines.pdf](http://www.ssiPGujarat.in/datafiles/University%20SSIP%20Financial%20Guidelines.pdf)
9. Team Leaders Login credentials will be sent in separate email.

  
Additional Chief Executive Officer  
Gujarat Knowledge Society



**Enclosed:**

1. Original SOIC Proposal titled "Development of Polyherbal nutraceutical formulation (PNF) to target COVID-19 and associated disorder sequelae." with team ID SOIC2021\_002113
2. NEFT of amount Rs.75,000/-
3. The Government Resolution No. PRC/2016/IPIES/DS/S/710197, dated 11/01/2017
4. The Government Resolution No. PRC/102016/1719/S dated 28/03/2018

**Copy with Regards to:**

1. The Principal Secretary (Higher and Technical), Education Department, 8th Floor, Block No. 5, New Sachivalaya, Gandhinagar 382010
2. The Director, The Directorate of Technical Education, 6th Floor, Karmayogi Bhavan, Sector 10A, Gandhinagar 382010

**Copy to:**

1. Team Leader, Alkeshkumar Patel, Team ID SOIC2021\_002113 from Ramanbhai Patel College of Pharmacy, CHARUSAT Campus, Off Nadiad-Petlad Highway 139, Changa, Gujarat 388421
2. The Principal, Ramanbhai Patel College of Pharmacy, CHARUSAT Campus, Off Nadiad- Petlad Highway 139, Changa, Gujarat 388421 - Parent Institute
3. Guiding Faculty of Team ID SOIC2021\_002113 named Dr. Ashish Patel, [ashishpatel.ph@charusat.ac.in](mailto:ashishpatel.ph@charusat.ac.in), Contact No. 9879825183
4. The Officer on Special Duty, MIS SSIP, GKS
5. The Officer on Special Duty, Grant Management SSIP, GKS
6. The Account Officer, The Directorate of Technical Education, Government of Gujarat, Karmayogi Bhavan, Sector 10A, Gandhinagar 382010
7. The Accountant, GKS
8. Selected File





**Gujarat knowledge society**

C/o Commissionerate of Technical Education,  
3rd floor, block no. 2, karmayogi bhavan,  
Gandhinagar 382010,  
Email: [gksguj@gmail.com](mailto:gksguj@gmail.com)  
[ssipgujarat@gmail.com](mailto:ssipgujarat@gmail.com)



**GKS/SSIP/ SOIC Phase 7/SOIC 2020-2021/SO/958**

**Date: 2-12-2020**

**SOIC Fund Sanction Order**

**By Email/Post**

**To,**

Vice Chancellor

Charotar University of Science and Technology,

CHARUSAT Campus,

Changa, Gujarat 388421

**Reference:**

1. The Minutes of Meeting of State Level Student Open Innovation Challenge Committee for 2020-2021 Phase 7 held on 14/10/2020.
2. Approval granted by Executive Chairperson, GKS dated 20/11/2020.

**Dear Sir/Madam,**

With Reference to 1 and 2, the Student Startup Innovation Policy had invited Innovative Proposals under the Flagship Program Student Open Innovation Challenge (SOIC) 2020-21 Phase 7. With Reference to 1, SSIP has approved Innovation under Pharmacy domain with Title "Evolving Standards for Fertility Promoting Indian Medicinal Plant" to Team ID SOIC2021\_001708, Team Leader named Shah Hardi Viralkumar from Ramanbhai Patel College Of Pharmacy, CHARUSAT Campus, Changa, Gujarat 388421 under guiding faculty named Manan Raval under Phase 7 (SOIC 2020-21). They have been tied-up for fund release with SSIP Grantee - Charotar University of Science and Technology, CHARUSAT Campus, Off Nadiad- Petlad Highway 139, Changa, Gujarat 388421. With Reference to 2, SSIP is pleased to place the grant under Student Open Innovation Challenge (SOIC) program of **Rs. 70,000 (Rs. Seventy thousand)** to your university. The grant is now released to your University Bank Account No. 919010054901478 and IFSC Code UTIB0000446 to support SOIC 2020-21 project ID SOIC2021\_001708.

It is mandatory to follow the below-mentioned points by your institute/University.

1. The University must ensure that the fund has to be utilized for the sole purpose of SOIC project ID SOIC2021\_001708.



2. Tied up University has to submit the status of a disbursed amount to the SOIC Project Teams on SSIP portal <http://SSIPGujarat.in/admin/Users/login> using SSIP Coordinator's Login credentials.
3. Parent University of Team - Ramanbhai Patel College Of Pharmacy. CHARUSAT Campus, Changa, Gujarat 388421, and Guiding Faculty has to ensure that the SOIC team regularly submit the progress report on SSIP portal <http://SSIPGujarat.in/admin/Users/login> using Team Leaders Login credentials.
4. The allotted fund must be disbursed to student teams in installments as shown in the below table.

Sr. No.	Team Id	Name of Team Leader	Grant Amount (Rs) in Instalments		Total Grant Amount (Rs)
1	SOIC2021_01708	Shah Hardi Viralkumar	1 <sup>st</sup>	17500	70,000
			2 <sup>nd</sup>	17500	
			3 <sup>rd</sup>	17500	
			4 <sup>th</sup>	17500	

5. First Instalment should be released immediately by tied up Institute/University.
6. As soon as the disbursed fund is fully utilized by students, the next installment must be immediately released without any delay.
7. All documentary proof of fund utilization like bills, invoices, vouchers, online payment receipts must be kept with tied up institutes. All such documents must be verified by SSIP Coordinators and head of the Institute/University.
8. Tied up university should follow the disbursement guidelines as per guideline available at [http://www.SSIPGujarat.in/datafiles/University\\_SSSIP%20Financial%20Guidelines.pdf](http://www.SSIPGujarat.in/datafiles/University_SSSIP%20Financial%20Guidelines.pdf)
9. Team Leaders Login credentials will be sent in a separate email.

*[Signature]*  
02/12/2020

Additional Chief Executive Officer  
Gujarat Knowledge Society



**Enclosed:**

1. Original SOIC Proposal titled "Evolving Standards for Fertility Promoting Indian Medicinal Plant" with team ID SOIC2021\_001708
2. NEFT of amount Rs.70,000 /-
3. Government Resolution No. PRC/2016/IPIES/DS/S/710197, dated 11/01/2017
4. Government Resolution No. PRC/102016/1719/S dated 28/03/2018

**Copy with Regards to:**

1. The Principal Secretary (Higher and Technical), Education Department, 8th Floor, Block No. 5, New Sachivalaya, Gandhinagar 382010
2. The Director, The Directorate of Technical Education, 6th Floor, Karmayogi Bhavan, Sector 10A, Gandhinagar 382010

**Copy to:**

1. Team Leader, Shah Hardi Viralkumar, Team ID SOIC2021\_001708 from Ramanbhai Patel College Of Pharmacy. CHARUSAT Campus, Changa, Gujarat 388421
2. The Principal, Ramanbhai Patel College Of Pharmacy. CHARUSAT Campus, Changa, Gujarat 388421 - Parent Institute
3. Guiding Faculty of Team ID SOIC2021\_001708 named Manan Raval, mananraval.ph@charusat.ac.in, Contact No. 9904132390
4. The Officer on Special Duty, MIS SSIP, GKS
5. The Officer on Special Duty, Grant Management SSIP, GKS
6. The Account Officer, The Directorate of Technical Education, Government of Gujarat, Karmayogi Bhavan, Sector 10A, Gandhinagar 382010
7. The Accountant, GKS
8. Selected File



---

**Fwd: Your submission titled 'Modulation of Phosphodiesterase Activity in Chronic Kidney Disease (CKD) – An Experimental study', Technically Approved**

---

Sandip Patel <patelsandozrx@gmail.com>  
To: kanangamit.ph@charusat.ac.in

Wed, Jun 10, 2020 at 2:39 PM

----- Forwarded message -----

From: <icmr@cdac.in>

Date: Wed, Apr 1, 2020 at 1:51 PM

Subject: Your submission titled 'Modulation of Phosphodiesterase Activity in Chronic Kidney Disease (CKD) – An Experimental study', Technically Approved

To: <patelsandozrx@gmail.com>

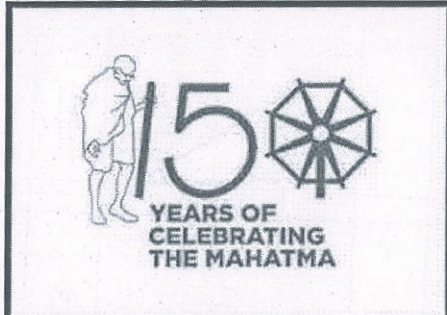
Dear DR. SANDIP BHIKHUBHAI PATEL,

This has reference to your submission id **2020-0222** with title **Modulation of Phosphodiesterase Activity in Chronic Kidney Disease (CKD) – An Experimental study**. Your proposal has been technically approved.

Please upload required documents for Codal Formalities, for which the list is available on Online ICMR Extramural Portal.

With best regards ,  
ICMR Team

This is a system generated mail. Please do not reply to it. For Any Further Correspondence please contact only at "[onlineicmrteam@gmail.com](mailto:onlineicmrteam@gmail.com) / 011-26588590 ".



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DR. SANDIP B. PATEL  
Ramanbhai Patel College of Pharmacy (RPCP)  
Charotar University of Science and Technology (CHARUSAT)  
At & Post- Changa, Tal- Petlad, Dist- Anand  
Gujarat State- 388 421. INDIA

Cell: +91 9428479583

# ICMR

Dept. of Health Research  
(Ministry of Health and Family Welfare)

## PRC Comments

Remarks	
PRC Decision	PRC Remarks
Technically Approved	<p>Recommended for 2 years with the following suggestion:</p> <p>-The study may be conducted on STZ model and DOCA model</p> <p>Budget</p> <p>Staff: SRF</p> <p>Consumables:</p> <p>First Year: Rs 4 Lakhs</p> <p>Second Year: Rs 3 Lakhs</p> <p>Contingency: Rs 50,000/p.a.</p> <p>Travel: Rs 10,000/p.a.</p> <p>Overhead Charges : As per rules</p>



# **Faculty of Management Studies**



## ENTREPRENEURSHIP DEVELOPMENT INSTITUTE OF INDIA

Near Village Bhat, Via Ahmedabad Airport & Indira Bridge, P.O. Bhat - 382 428, Dist. : Gandhinagar, Gujarat. India.

Tel. : +91-79-23969153, 23969158, 23969159, 23969161

E-mail : info@ediindia.org

Telefax : +91-79-23969164

Website : www.ediindia.org

**S. B. Sareen**

Sr. Faculty & Project Director: DST-NIMAT

EDII/DST-NIMAT/19-20/507

Date: 12/08/2019

### SPEED POST

**Dr. Devang Joshi**

Registrar

**Charotar University of Science and Technology (Charusat)**

**Entrepreneurship Development & Incubation Center (EDIC)**

CHARUSAT Campus, Highway 139

Off, Nadiad - Petlad Road, Taluka: Petlad

**Changa - 388 421**

District: Anand

Gujarat

**Kind Attention: Dr. Govind B. Dave, Dean (Faculty of Management Studies) & Principal  
(Indukaka Ipcowala Institute of Management Charusat)**

Dear Sir,

**Sub: DST-NIMAT Project 2019-20: Sanction Order**

Greetings from Entrepreneurship Development Institute of India, Ahmedabad!

This is with reference to your proposal submitted for conducting activities / programme(s) under the aegis of National Science & Technology Entrepreneurship Development Board (NSTEDB), Department of Science and Technology, Government of India, New Delhi.

We are happy to inform you that the following activities / programmes have been sanctioned:

Sr. No.	Activity / Programme	No.	Amount in Rs.	Locations
1	Entrepreneurship Awareness Camp (EAC)	5	100000	As mentioned in proposal
2	Entrepreneurship Development Programme (EDP)	1	200000	1) Changa
3	Women Entrepreneurship Development Programme (WEDP)	1	200000	1) Changa
4	Technology based Entrepreneurship Development Programme (TEDP)	1	300000	1) Changa
5	Faculty Development Programme (FDP)	1	250000	1) Changa
Total		9	1050000	

You are requested to please go through the enclosed Guidelines / Terms & Conditions as it is mandatory to follow the same.



Please note that the **first installment is to be released on receipt of the following documents:**

1. Duly Signed Agreement
2. Duly Signed "Terms & Conditions" (each Page)
3. Action Plan [Annexure-I]
4. Bank Details [Annexure-IA]

The funds will be transferred through RTGS/NEFT. Please make sure that the above said documents must reach us as early as possible, but not later than ONE MONTH of receiving this sanction letter. Non receipt of the same may be considered as your unwillingness to take up the programme(s).

As per point no. 11 of the enclosed Terms & Conditions, it is expected to generate results in terms of unit establishment from programmes like; EDP, WEDP and TEDP. Hope, you will design the required strategy to show case desired result.

For any additional information, please contact either me (Email ID: [sareen@ediindia.org](mailto:sareen@ediindia.org), Mobile: 09925110040) or my colleague Mr. Prakash Solanki (Email ID: [psolanki@ediindia.org](mailto:psolanki@ediindia.org), Mobile: 09723816384).

We look forward to have a long term professional relationship.

Thanking you, with regards,

(S. B. Sareen)  
Encl.: a. a

# **Faculty of Sciences**

FILE NO. TAR/2019/000096  
**SCIENCE & ENGINEERING RESEARCH BOARD(SERB)**  
 (A statutory body of the Department of Science & Technology, government of India)

5 & 5A, Lower Ground Floor  
 Vasant Square Mall  
 Plot No. A, Community Centre  
 Sector-B, Pocket-5, Vasant Kunj  
 New Delhi-110070

Dated: 06-Nov-2019

**ORDER**

Subject: Financial Sanction under **Teachers Associateship for Research Excellence (TARE)** to **Dr. Abhishek Nathal Dadhania, Charotar University Of Science & Technology, Changa, Post Changa, Petlad, Anand, Gujarat-388421** under the mentorship of Dr. E. Suresh, at Central Salt And Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar - 364002- Release of 1st grant.

Sanction of **Science and Engineering Research Board (SERB)** is hereby accorded to the above mentioned grant at a total cost of **Rs. 18,30,000/- (Rs. Eighteen Lakh Thirty Thousand Only)** for a duration of 36 months.

The date of start of the project will be 24 October, 2019. The items of expenditure for which the total allocation of **Rs. 18,30,000/-** has been approved are given below:

The following budget is proposed for

**Charotar University Of Science & Technology, Changa, Post Changa, Petlad, Anand, Gujarat-388421 (Parent)**

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 0 ( @0/- per month (consolidated))
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

**Central Salt And Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar - 364002 (Host)**

Sl. No.	Budget Head	Amount
1.	Fellowship	Rs. 60,000 ( on completion of 90 days mandatory attendance in the host institute every year)
2.	Research Grant	Rs. 2,50,000/- per annum
3.	Overheads	Rs. 25,000/- per annum

2. Sanction of the SERB is also accorded to the payment of **Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only)** to **Charotar University Of Science & Technology, Changa, Post Changa, Petlad, Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only)** to **Central Salt And Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar - 364002** being the first installment of the grant for the year 2019-2020 for implementation of the said research project.

3. The expenditure involved is debitable to

**Fund for Science & Engineering Research (FSER)**

This release is being made under **Teachers Associateship For Research Excellence (TARE)**. (Inorganic chemistry)

4. The Sanction has been issued with the approval of the competent authority vide Diary No. SERB/F/6363/2019-2020 dated **06 November, 2019**

5. Sanction of the grant is subject to the conditions as detailed in Terms & Conditions available at website ([www.serb.gov.in](http://www.serb.gov.in)).

6. Overhead expenses are meant for the host Institute towards the cost for providing infrastructural facilities and general administrative support etc. including benefits to the staff employed in the project.

7. As per rule 211 of GFR, the accounts of project shall be open to inspection by sanctioning authority/audit whenever the institute is called upon to do so.

8. The release amount of **Rs. 2,75,000/- (Rupees Two Lakh Seventy Five Thousand only)** will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

**Charotar University of Science & Technology, Changa, Post changa, petlad, Anand, Gujarat-388421 (Parent Institute) :**

PFMS Unique Code	<b>CHARUSAT</b>
Account Name	<b>CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY</b>
Account Number	<b>311801010050092</b>
Bank Name & Branch	<b>Union Bank of India Changa, Near: Tower, Changa-388 421, Taluka-Petlad, Dist.-Anand, Gujarat</b>
IFSC/RTGS Code	<b>UBIN0531189</b>
Email address of PI	<b>abhishekdadhadania.bt@charusat.ac.in</b>
Email id of A/C Holder	<b>registrar@charusat.ac.in</b>
Email address of concerned officer	<b>ms_tare@serbonline.in</b>

The release amount of **Rs. 3,35,000/- (Rupees Three Lakh Thirty Five Thousand only)** will be drawn by the Under Secretary of the SERB and will be disbursed by means of RTGS transaction as per their Bank details given below:

**Central Salt And Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar - 364002 (Host Institute) :**



PFMS Unique Code	DOD9DSCSM
Account Name	Director CSMCRI
Account Number	30267310153
Bank Name & Branch	State Bank of India (SBI) Waghawadi Road, Shubham Shop No G2/3, Plot No. 2569 El/2, Waghawadi Road, Opp. Gulista Ground, Bhavnagar 364002
IFSC/RTGS Code	SBIN0010863
Email address of PI	abhishekdadhania.bt@charusat.ac.in
Email id of A/C Holder	svaniya@csmcres.in
Email address of concerned officer	ms_tare@serbonline.in

9. Both the institutes will furnish Utilization certificate (UCs) financial year wise to the SERB and an audited statement of accounts pertaining to the grant immediately after the end of each financial year.

10. The institute will maintain separate audited accounts for the fellowship. A part or whole of the grant must be kept in an interest earning bank account which is to be reported to SERB. The interest thus earned will be treated as credit to the institute to be adjusted towards further installment of the grant.


11. The File no. TAR/2019/000096 may also be mentioned in all research communications arising from the above project with due acknowledgement of SERB.

12. As this is the first grant for the fellowship, no previous U/C is required.

13. The institute may refund any unspent balance to SERB by means of a Demand Draft favoring "FUND FOR SCIENCE AND ENGINEERING RESEARCH" payable at New Delhi.

14. The organization/institute/university should ensure that the technical support/financial assistance provided to them by the Science & Engineering Research Board, a statutory body of the Department of Science & Technology (DST), Government of India should invariably be highlighted/acknowledged in their media releases as well as in bold letters in the opening paragraphs of their Annual Report.

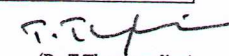
15. In addition, the investigator/host institute must also acknowledge the support provided to them in all publications, patents and any other output emanating out of the project/program funded by the Science & Engineering Research Board, a statutory body of Department of Science & Technology (DST), Government of India.

  
(Dr. T Thangaradjou)  
Scientist E  
ms\_tare@serbonline.in

To,  
Under Secretary  
SERB, New Delhi

Copy forwarded for information and necessary action to: -

1.	The Principal Director of Audit, A.G.C.R. Building, IIIrd Floor I.P. Estate, Delhi-110002
2.	Sanction Folder, SERB, New Delhi.
3.	File Copy
4.	<p>(i) Dr. Abhishek Nathal Dadhania Department of Chemical Sciences Charotar University of Science &amp; Technology, Changa, Post changa, petlad, Anand, Gujarat-388421 Email: abhishekdadhania.bt@charusat.ac.in Mobile: 919428622926</p> <p>(ii) Dr. E. Suresh Central Salt And Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar - 364002</p> <p>(Start date of the project may be intimated by name to the undersigned. For guidance, terms &amp; Conditions etc. Please visit <a href="http://www.serb.gov.in">www.serb.gov.in</a>.)</p>
5.	<p>(i) Registrar, Charotar University Of Science &amp; Technology, Changa, Post Changa, Petlad</p> <p>(ii) Director Central Salt And Marine Chemicals Research Institute Gijubhai Badheka Marg, Bhavnagar - 364002</p> <p>(Receipt of Grant may be intimated by name to the undersigned)</p>

  
(Dr. T Thangaradjou)  
Scientist E  
ms\_tare@serbonline.in

F. No. – TE-16015/11/2019-TECH5 NMCG  
National Mission for Clean Ganga,  
Ministry of Jal Shakti

Department of Water Resources, River Development  
& Ganga Rejuvenation

First Floor,  
Major Dhayan Chand National Stadium,  
India Gate, New Delhi-110001

Date: 6<sup>th</sup> September, 2019

To,  
The Director,  
CSIR – National Environment Engineering Institute (NEERI)  
Nehru Marg, Nagpur, Maharashtra - 440020

### Sanction

**Sub: Administrative Approval and Expenditure Sanction for “GIS-based Mapping of Microbial Diversity across the Ganges for Ecosystem Services” at an estimated amount of Rs. 933.45 Lakh (Rs Nine Crore, Thirty-Three Lakhs and Forty-Five Thousand Only) – reg.**

\*\*\*\*\*

I am directed to convey the approval of the project submitted by Director - NEERI in NMCG for GIS-based Mapping of Microbial Diversity across the Ganges for Ecosystem Services under Namami Gange program. Approval is based on technical and financial scrutiny and decision taken in 23<sup>rd</sup> Executive Committee meeting held on 30<sup>th</sup> August, 2019, and subject to the terms & conditions mentioned here under:

#### **2.0 General Condition:**

- a) Institute for executing the project will be NEERI, Nagpur in association with MNNIT - Allahabad, Charotar University of Science and Technology, phiXgen Pvt Ltd. and Xceleris Labs Ltd. The selected five institutes have specific expertise which is as below:

S. No.	Institute	Responsibility
1	NEERI, Nagpur	Expertise lies in analyzing microbial diversity of contaminated niches, use of microbes for bioremediation of a target niche and GIS based mapping.

2	MNNIT Allahabad, Pryagraj	Expertise in microbial ecology, microbial molecular taxonomy and biodiversity
3	Charotar University of Science and Technology	Expertise in microbiology, microbial biotechnology and metagenomics with focus on its application for conservation and sustenance of biological diversity.
4	phiXgen Pvt Ltd.	Expertise in biochemistry, bioremediation and metagenomics diversity analysis of the HCH dumpsite and more recently metagenomics revelations of the hot water springs atop the Himalayan ranges at Manikaran, Himachal Pradesh.
5	Xceleris Labs Ltd.	Expertise in modern molecular biology, genomics, proteomics and medical genetics techniques, especially in nucleic acid sequencing and bioinformatics analyses.

- b) This sanction is the order for commencement of project. No separate work order shall be issued in favour of the partner institutes by NMCG for commencement of the project.
- c) In addition to the responsibility as per the expertise mentioned above, responsibility of overall coordination including payment to individual institutes shall be of Director, NEERI or his authorized representative.
- d) The project duration is 24 months and reach for the study will be for the entire Ganga river.
- e) The data generated during the execution of the project shall not be published anywhere without prior permission of NMCG.
- f) A Monitoring Committee under DG, NMCG shall be constituted by NMCG for monitoring of the progress of the project with Dr Prashant Phale from IIT Bombay as one of the Committee Members.
- g) The project shall be executed in accordance with the Water (Prevention and Control of Pollution) Act, 1974 and Environmental (Protection) Act, 1986 as amended from time to time.
- h) NMCG shall not be accountable for any loss of lives & properties occurring due to local problems during execution of the project.



- i) Any dispute arising during execution of the project shall be settled amicably among the institutes. In case the issue is not resolved among the institutes, the Director General, NMCG shall be the arbitrator and decision of the DG, NMCG shall be final and binding.

### **3.0 Project Specific Conditions**

- a) The necessary arrangements for implementation of the project shall be done by NEERI – Nagpur and the associated institutes mentioned under point 2 (a).
- b) The work related to the project shall be carried out after ensuring the objective and the methodology followed as per standard procedures/ methodology, especially for the laboratory analytical works.
- c) While executing the project, the institutes shall focus on obtaining maximum information from the study by various means of interpretations and data mining.
- d) The institutes shall tie up, on their own, with the local department/ authorities regarding local facilities & assistances, if any.
- e) As per the proposal of NEERI, the study will be carried out on the entire Ganga River in stretches as per planning of NEERI. There will be total Seven stretches in the river viz. Origin to Haridwar, Haridwar to Narora, Narora to Kanpur, Kanpur to Prayagraj, Prayagraj to Varanasi, Varanasi to Rajmahal and Rajmahal to Diamond Harbor. Three samples shall be collected from each of the stretches in triplicate and at each sampling point, water, sediment and microbial mats will be collected. Also, the activity shall be carried out twice in two years and avoiding monsoon period. Hence a total of 378 samples shall be collected and analyzed under the project, as per the proposal. However, NEERI may suitably rework the planning, with approval of Competent Authority ie NMCG, within overall sanctioned cost, as per the requirements.
- f) 15 GB of data shall be generated from each sample. Raw data generated and sequences obtained after sorting, shall be shared with NMCG for both (pre-Monsoon & Winter) the sample analysis.
- g) The reports etc. are to be furnished by NEERI as per approved milestones [Para 3(l)] and payment will be released only after approval of such reports by Competent Authority in NMCG.
- h) The project shall be executed as per the milestones specified under point 3 (l).



- i) Total project cost is Rs. 933.45 Lakh (Rs Nine Crore, Thirty-Three Lakhs and Forty-Five Thousand Only) against the following specific objectives:
- Indicators of type of contamination (Sewage and Industrial)
  - Ecosystem services of the river (nutrient recycling, fisheries etc.)
  - Define health of the river/ rejuvenation efficiency
  - Threat to human health (antibiotic resistance surge)
  - Identification of the source of E. coli (Human v/s Animal)
- j) All the payments shall be released by NMCG to NEERI, Nagpur. The total funds will be divided amongst the five selected institutes as per detailed in table below. However, if required, Director NEERI (or authorized official) may review or rework inter-se distribution, with approval of NMCG.

Institute	NEERI (Dr Atya Kapley)	MNNIT (Prof. Shivesh Sharma)	Charotar University of Science and Technology (Prof. Datta Madamwar)	PhiXgen Pvt Ltd.	Xceleris Labs Ltd.	Total Rs (lakhs)
Total fund share (In Lakh Rupees)	366	55	38	45	385	889
Overheads at 5%	18.3	2.75	1.9	2.25	19.25	44.45
GRAND TOTAL	384.3	57.75	39.9	47.25	404.25	933.45

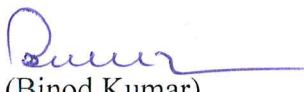
- k) The above mentioned institutes cannot be changed. In case there arises an urgent need of changing the institute, the same can be done only with approval of DG, NMCG.
- l) Project duration will be 24 months. The payment is linked with the milestones of the project. The milestones and the payment is as follows:

Milestone	Time/ Milestone (cumulative months)	Payment to be released.
Advance payment at the award of the project	0	25% of the project cost
After 1 <sup>st</sup> sampling and approval of report	04	10% of the project cost
Sequencing of samples of the first round of sampling and approval of report	06	10% of the project cost
Sequence analysis and after approval of first diversity report	10	15% of the project cost

After 2 <sup>nd</sup> sampling and approval of report	12	10% of the project cost
Sequence analysis and after approval of second diversity report	18	15% of the project cost
After submission of draft report	22	10% of the project cost
After acceptance of final report	24	5% of the project cost

- m) Subsequent instalment of funds will be issued only after getting the Utilization Certificate (UC) of the previous released funds. NEERI shall submit consolidated UC of the funds released. Partner institutes to submit signed UCs from competent authority to NEERI for compilation (or consolidation).
- n) The CAG of India, Statutory Auditor & Internal Auditor of NMCG, as the case may be, at his/her discretion shall have right to access to project related books of account and documents of Executive Agencies for the purpose of audit.

4. This issues with the approval of Director General, NMCG vide its Dy. No. 2221 dated 03/09/19 and the concurrence of Executive Director (Finance) vide its Dy. No. ED (F)/2019-20/1370 dated 02/09/2019.

  
 (Binod Kumar)  
 Director (Projects), NMCG

Copy to:

1. Dr Atya Kapley, Head, Director's Research Cell, CSIR-NEERI, Nehru Marg, Nagpur
2. The Director, Motilal Nehru National Institute of Technology Allahabad, Prayagraj – 211004

Kind Attention: Prof. Shivesh Sharma, Department of Biotechnology,

3. The Director, Charotar University of Science and Technology, CHARUSAT Campus, Changa 388121, Disst. Anand, Gujrat  
 Kind Attention: Prof. Datta Madamwar, Scientific Advisor

4. Director, PhiXgen Pvt Ltd, Flat No. 101, GH-11, Atlantis CGHS Ltd, Sector – 47,  
Gurugram - 122001
5. Director, Xceleris Labs Ltd, First Floor, Sydney House, Old Premchand Road, Bodakdev,  
Ahmedabad - 380015
6. PS to Director General, NMCG – for a favor of information
7. PS to ED (P/A/F) – for a favor of information
8. Guard File



**icmr**  
INDIAN COUNCIL OF  
MEDICAL RESEARCH  
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भारतीय आयुर्विज्ञान अनुसंधान परिषद  
स्वास्थ्य अनुसंधान विभाग, स्वास्थ्य एवं परिवार  
कल्याण मंत्रालय, भारत सरकार

Indian Council of Medical Research  
Department of Health Research, Ministry of Health  
and Family Welfare, Government of India

Dated: 13/03/2021

No.5 /13/16/2020/NCD-III

To,

The Registrar,  
Charotar University of Science and Technology,  
Charusat Campus, Changa - 388421, Gujarat.

SUB: Ad-hoc Project entitled:-"To evaluate the in-vitro hyperthermic effects of magnetic fluid on cancer cells" under Dr. Neeraj D Jain

Sir,

The Director-General of the Council sanctions the above mentioned research scheme initially for a period of **One Year** w.e.f 16/03/2021 to 15/03/2022 subject to extension up to the total duration specified below.

The Director-General of the Council also sanctions the budget allotment of **Rs. 14,28,813/- (Rupees Fourteen lakh twenty eight thousand eight hundred thirteen only)** as detailed in the attached statement for the period ending 15/03/2022. The grant-in-aid will be given subject to the following conditions:

The payment of the grant will be made in lump-sum to the Head of the Institution. The first installment of the grant will be paid generally as soon as a report regarding the commencement of the project and appointment of the staff is received by the Council.

The staff appointed on the project should be paid as indicated in the budget statement attached.

The approved duration of the scheme is **3 (Three) years**. The annual extension will be given after review of the work done on the scheme during the previous year.

**One copy of the annual progress report along with One original Protocol (also soft copy)** of work done be submitted to the Council every year after completion of ten months of the project. Failure to submit the report in time may lead to termination of the project.

PI to maintain a record of the receipts and the expenditure incurred on the scheme and will furnish a utilization certificate and an audited statement of account pertaining to the grant.

**The Host Institute shall utilize the grant after following the provisions laid down in the GFRs 2017 and T.A. Rules.**

**The PI is advised to keep the fund in a separate Saving Bank Account opened for research funds received from ICMR so as to ensure that interest earned thereon is also credited in to the Fund Account.**

The other terms and conditions are available in the ICMR website.

The receipt of the letter may please be acknowledged.

Yours faithfully,

(Ishwar Likhar)

Admin. Officer,

For Director-General

Accounts V: RFC Number NCD/Ad-hoc/64/2020-21 dated 03.03.2021

1. Dr. Neeraj Jain, Associate Professor, P D Patel Institute of Applied Sciences, CHARUSAT Campus, Changa-388421, Gujarat
2. ISRM Section Number (2020-1296)
3. Mr. Hemant Kumar, Sr. TO
4. AO

For Director-General



SUB: Ad-hoc Project entitled:-“ To evaluate the in-vitro hyperthermic effects of magnetic fluid on cancer cells” under Dr. Neeraj D Jain

**Budget for the period w.e.f. 16.03.2021 to 15.03.2022**

<b>Staff</b>	<b>1<sup>st</sup> Year</b>
<b>JRF@Rs.31000+2,480(8%HRA) Rs.33,480/-</b>	<b>4,01,760</b>
<b>Recurring</b>	<b>5,00,000</b>
<b>Sub Total</b>	<b>9,01,760</b>
<b>3 % Overhead</b>	<b>27,053</b>
<b>Non Recurring (CO2 Incubator)</b>	<b>5,00,000</b>
<b>Grand Total</b>	<b>14,28,813</b>

*TBM*

**Total Rs. 14,28,813/-**

**(Rupees Fourteen lakh twenty eight thousand eight hundred thirteen only)**

**RFC Number NCD/Ad-hoc/64/2020-21 dated 03-03-2021**



**icmr**  
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भारतीय आयुर्विज्ञान अनुसंधान परिषद  
स्वास्थ्य अनुसंधान विभाग, स्वास्थ्य एवं परिवार  
कल्याण मंत्रालय, भारत सरकार

Indian Council of Medical Research  
Department of Health Research, Ministry of Health  
and Family Welfare, Government of India

No.5/13/16/2020-NCD-III

Dated: 13/03/2021

Sub: Payment of **Full Installment of 1<sup>st</sup> year** grant-in-aid for the Adhoc research scheme entitled, "To evaluate the in-vitro hyperthermic effects of magnetic fluid on cancer cells" under Dr. Neeraj D Jain

**MEMORANDUM**

The Director-General, ICMR sanctions the payment of **Rs. 14,28,813/- (Rupees Fourteen lakh twenty eight thousand eight hundred thirteen only )** as the **Full Installment of 1<sup>st</sup> year** grant for incurring expenditure in connection with above mentioned research scheme. The amount of **Rs. 14,28,813/-** may be debited in the provision of **Rs. 14,28,813/-** made for the above mentioned research for the current financial year 2020-21.

A formal bill for **Rs. 14,28,813/-** is sent herewith for payment by RTGS to Charotar University of Science and Technology

(Ishwar Likhar)  
Admin. Officer  
For Director-General

**Accounts- V, ICMR** (RFC Number NCD/Ad-hoc/64/2020-21 dated 03.03.2021 (for necessary payment alongwith ebill, P.F.M.S Form/Mandate from/Cancelled Cheque are enclosed)

**Copy to:**

1. The Registrar, Charotar University of Science and Technology, Charusat Campus, Changa - 388421, Gujarat..
2. Dr. Neeraj Jain, Associate Professor, P D Patel Institute of Applied Sciences, CHARUSAT Campus, Changa- 388421, Gujarat.
3. ISRM Section Number (2020-1296 )
4. Mr. Hemant Kumar, Sr. TO
5. AO

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For Director-General