



CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY

Criteria 3

Research, Innovations and Extension

Metric 3.2.1	Extramural funding for Research (Grants sponsored by the nongovernment sources such as industry, corporate houses, international bodies for research projects) endowments, Chairs in the University during the last five years (INR in Lakhs)
3.2.1.1	Total Grants for research projects sponsored by the nongovernment sources such as industry, corporate houses, international bodies, endowments, Chairs in the institution year wise during the last five years (INR in Lakhs)

Supporting Documents

1	E-copies of the grant award letters for research projects sponsored by non-government (Year : 2017-18)
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Faculty of Technology & Engineering

Donation Receipt

No : D/CSAT/13-09/0004

Date : 5th September 2013

Received With thanks from **SHRI RAJENDRABHAI BAPUBHAI PATEL, (BANDHANI / AHMEDABAD)**a sum of ` **2500000** (Rupees Twenty Five Lakh Only) vide

cheque No . 013389 drawn on K.D.C.C.BANK , ANAND dated 03 September 2013,

towards

Trust Fund For "**ENDO. FUND [DEPARTMENT OF MECH. ENGG]"**

- * Subject to Realisation
- * All the Donations are exempt from Income Tax under section 80 G(5).
- * Vide No# BRD/CIT-I/Tech/80G/(83/114)/2009-10 Dated: 07/01/2010

PAN No. : AABTC1178Q

ACCOUNTANT

Name : **PATEL RAJENDRABHAI BAPUBHAI**

	<u>Local Address</u>	<u>Foreign Address</u>
House/Street/Area	: 201 CHITRAGUPT APPARTMENT 2ND FLOOR, BH.ISHKON PLAZA OPP.RUSHIN TOWER, SETELIGHT ROAD	1432 HEARTSID DR CHAMBERSBURG
City	: AHMEDABAD - 380001	- PA 17201
State	: GUJARAT	
Country	: INDIA	U.S.A.
Phone	: 079-255416214	717-263-7820
Mobile	:	
Fax	:	
Email	: RAJENDRA@ROL.COM	
PAN No	:	

Account Ledger

For period from 01/04/2017 To 31/03/2018

Vou. Date Vou. No	Type	Description	Debit Amount	Credit Amount
		ENDOW. FUND F. D. [DEPARTMENT OF MECH. ENGG]	Opening Balance	3,299,911.00
31/03/2018	J.V./JV	CHAIR F.D INTEREST INCOME -ME [CSAT] ENDOW.FUND F.D.(DEPARTMENT OF MECHENICAL ENGG.) TDR NO.311803030449570 INTEREST ACCRUED BY BANK ON 31/03/2018 AND TDS DEDUCT BY BANK ON 31/03/2018 IS 00.AS PER BANK NOTE INTERES IS 2,45,827.00RS. AND TDS DEDUT BY BANK IS 00/-RS. NET CREDIT IS 2,45,827.00/-RS	245,827.00	
		Transaction Total	245,827.00	
		Opening + Transaction Total	3,545,738.00	
		Closing Balance		3,545,738.00



Mrudang Pandya <mrudangpandya.it@charusat.ac.in>

Fwd: NVIDIA GPU Grant Approved - {INDIA} Amit ThakkarParth Shah <parthshah.ce@charusat.ac.in>
To: IT <it@charusat.ac.in>

Thu, Feb 8, 2018 at 9:53 AM

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

From: **Amit Thakkar** <amitthakkar.it@charusat.ac.in>
Date: Thu, Feb 8, 2018 at 9:34 AM
Subject: Fwd: NVIDIA GPU Grant Approved - {INDIA} Amit Thakkar
To: Parth Shah <parthshah.ce@charusat.ac.in>

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

From: "NVIDIA GPU Grant Program" <no-reply@webportalapp.com>
Date: 08-Feb-2018 2:12 AM
Subject: NVIDIA GPU Grant Approved - {INDIA} Amit Thakkar
To: <amitthakkar.it@charusat.ac.in>
Cc: <NVIDIAGPUGrant@nvidia.com>, <gmahabala@nvidia.com>

Hi Amit,

We have reviewed your NVIDIA GPU Grant Request and we are happy support your work with the donation of (1) **Titan Xp** and (1) **Jetson TX2** to support your research. Ganesh, cc'd, will ship to the address listed in the form below and you can expect to receive within a couple weeks. Please respond within 48 hours if you are unable to house the GPU, unable to clear customs or the address, email or phone number you have provided is incorrect. If you are unable to house the GPU or the shipment is unable to be delivered we will not be able to re-ship.

We ship donated GPUs with a commercial invoice per shipping regulations. The price listed on this commercial invoice is the donation value not the price you would purchase online or from a vendor at MSRP price. Our vendors decide their MSRP pricing. We also ship so we pay all fees if the country will allow it.

Please ensure that the GPU is powered properly as per the information found here: <https://developer.nvidia.com/hw-grant-supplemental-info>.

If this hardware donation results in any publications or reports, we kindly ask that you acknowledge "NVIDIA Corporation". This is one way we track and justify our programs and adding "NVIDIA Corporation" to your acknowledgement will help us more easily track. We trust your judgment in how you acknowledge NVIDIA Corporation, however here are a couple samples: "The Titan Xp used for this research was donated by the NVIDIA Corporation." or "We gratefully acknowledge the support of NVIDIA Corporation with the donation of the Titan Xp GPU used for this research." You are also encouraged to acknowledge NVIDIA Corporation in any contacts with the news media or in general articles.

This equipment donation will come as an unrestricted gift to support your research, however it is not for resale. As part of the GPU Grant Program, you will receive occasional newsletters and requests to complete surveys. While you are free to opt out of the newsletter at any time, we ask that you complete the infrequent surveys. These are important for tracking and justifying our academic programs, and cover topics such as updates on your GPU related courses, publications and research progress.

All the best,

Academic Programs Team

NVIDIA GRAD Fellow Program is now accepting applications.

First Name **Amit**
Last Name **Thakkar**
Title **Associate Professor**
University/Institution **Chandubhai S Patel Institute of Technology**
Shipping Street
Address (preferably a University Address) 1 **CHARUSAT Campus Changa**

Faculty of Computer Science and Applications

Account Ledger

For period from 01/04/2017 To 31/03/2018

Vou. Date Vou. No	Type	Description	Debit Amount	Credit Amount
		CHAIR F.D INTEREST INCOME -MCA [CMPICA]	Opening Balance	
24/04/2017 14 /17/000050	UBI25/BR	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY UBI-CHANGA BRANCH CREDITED 48,125/-RS. ON 24/04/2017 FOR ENDOW.FUND FD OF CMPICA COLLEGE, TDR NO.311803020180575, AS PER BANK STATEMENT. RECD. FROM UBI-CHANGA BRANCH FDINTERET FOR CMPICA FD POSTED TO CSAT UNION BANK OF INDIA [311801010050025]		48,125.00
24/07/2017 14 /17/000087	UBI25/BR	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY INTETEST RECEIVED FROM UBI-CHANGA BRANCH FOR ENDOW.FUND FD FOR FACULTY OF COMPUTER APPLICATION ,TDR NO.311803020180575, ON 24/07/2017,48125/-RS. TDS IS 0 . AS PER BANK STATEMENT. RECD. FROM ENDOW.FUND FD FACULTY OF COMPUTER APPLICATION FD INTEREST POSTED TO CSAT UNION BANK OF INDIA [311801010050025]		48,125.00
23/10/2017 14 /17/000175	UBI25/BR	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY UBI-CHANGA BRANCH CREDITED 48,125/-RS. ON 23/10/2017 FOR ENDOW.FUND FD OF CMPICA COLLEGE, TDR NO.311803020180575, AS PER BANK STATEMENT. RECD. FROM UBI-CHANGA BRANCH CMPICA ENDO.FD INTEREST POSTED TO CSAT UNION BANK OF INDIA [311801010050025]		48,125.00
23/01/2018 14 /17/000461	UBI25/BR	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY UBI-CHANGA BRANCH CREDITED 48,125/-RS. ON 23/01/2018 FOR ENDOW.FUND FD OF CMPICA COLLEGEMCA, TDR NO.311803020180575, AS PER BANK STATEMENT. RECD. FROM CHAIR FD INTEREST MCA POSTED TO CSAT UNION BANK OF INDIA [311801010050025]		48,125.00
Transaction Total				192,500.00
Opening + Transaction Total				192,500.00
Closing Balance			192,500.00	

Account Ledger

For period from 01/04/2017 To 31/03/2018

Vou. Date Vou. No	Type	Description	Debit Amount	Credit Amount
		CHAIR F.D INTEREST INCOME -M.SC IT [CMPICA]	Opening Balance	
24/04/2017 14 /17/000051	UBI25/BR	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY UBI-CHANGA BRANCH CREDITED 48,125/-RS. ON 24/04/2017 FOR ENDOW.FUND FD OF CMPICA COLLEGE MSC IT , TDR NO.311803020180576, AS PER BANK STATEMENT. RECD. FROM UBI-CHANA CMPICA COLLEGE FOR MSC IT POSTED TO CSAT UNION BANK OF INDIA [311801010050025]		48,125.00
24/07/2017 14 /17/000088	UBI25/BR	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY INTETEST RECEIVED FROM UBI-CHANGA BRANCH FOR ENDOW.FUND FD FOR FACULTY OF COMPUTER APPLICATION DEPT.OF MSIT ,TDR NO.311803020180576, ON 24/07/2017,48125/-RS. TDS IS 0 . AS PER BANK STATEMENT. RECD. FROM ENDOW.FUND FD DEPT.OF COMP.MSIT FD INTEREST POSTED TO CSAT UNION BANK OF INDIA [311801010050025]		48,125.00
23/10/2017 14 /17/000176	UBI25/BR	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY UBI-CHANGA BRANCH CREDITED 48,125/-RS. ON 23/10/2017 FOR ENDOW.FUND FD OF CMPICA COLLEGE MSIT , TDR NO.311803020180576, AS PER BANK STATEMENT. RECD. FROM UBI-CHANGA CMPICA ENDO.FD INT.MSIT POSTED TO CSAT UNION BANK OF INDIA [311801010050025]		48,125.00
23/01/2018 14 /17/000462	UBI25/BR	CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY UBI-CHANGA BRANCH CREDITED 48,125/-RS. ON 23/01/2018 FOR ENDOW.FUND FD OF CMPICA COLLEGE MSIT , TDR NO.311803020180576, AS PER BANK STATEMENT. RECD. FROM CHAIR FD INTEREST MSC IT POSTED TO CSAT UNION BANK OF INDIA [311801010050025]		48,125.00
Transaction Total				192,500.00
Opening + Transaction Total				192,500.00
Closing Balance			192,500.00	

Faculty of Management Studies

Account Ledger

For period from 01/04/2017 To 31/03/2018

Vou. Date Vou. No	Type	Description	Debit Amount	Credit Amount
		ENDOW. FUND F.D. [FACULTY OF MANAGEMENT]	Opening Balance	3,294,784.00
31/03/2018	J.V./JV	CHAIR F.D INTEREST INCOME - MBA [IIIM] ENDOW.FUND F.D.(FACULTY OF MANAGEMENT.) TDR NO.311803030449589 INTEREST ACCRUED BY BANK ON 31/03/2018 AND TDS DEDUCT BY BANK ON 31/03/2018 IS 00.AS PER BANK NOTE INTERES IS 2,45,445.00RS. AND TDS DEDUT BY BANK IS 00/-RS. NET CREDIT IS 2,45,445.00/-RS	245,445.00	
Transaction Total			245,445.00	
Opening + Transaction Total			3,540,229.00	
Closing Balance				3,540,229.00

Financial Statement - **Anil & Asha Patel Creativity Course**

Accounting Year 2016-17

	Credit		Debit			
		Amount (Rs.)		Amount (Rs.)		
[1]	Donation Amount Received on	06/09/2016	61,15,459	Donation amount placed in bank as Fixed Deposit on	07/09/2016	61,15,459

Accounting Year 2017-18

	Credit		Debit			
		Amount (Rs.)		Amount (Rs.)		
[2]	Donation Amount Received on	29/06/2017	69,95,996	Donation amount placed in bank as Fixed Deposit on	30/06/2017	69,95,996

	Credit		Debit			
		Amount (Rs.)		Amount (Rs.)		
[3]	Donation Amount Received on	01/01/2018	15,97,750	Donation amount placed in bank as Fixed Deposit on	02/01/2018	15,97,750

Accounting Year 2018-19

	Credit		Debit			
		Amount (Rs.)		Amount (Rs.)		
[4]	Donation Amount Received on	11/07/2018	38,17,221	Donation amount placed in bank as Fixed Deposit on	12/07/2018	38,17,211


	Credit		Debit			
		Amount (Rs.)		Amount (Rs.)		
[5]	Donation Amount Received on	27/08/2018	17,39,750	Donation amount placed in bank as Fixed Deposit on	28/08/2018	17,39,750

	Credit		Debit			
		Amount (Rs.)		Amount (Rs.)		
[6]	Donation Amount Received on	12/10/2018	73,580	Donation amount placed in bank as Fixed Deposit on	13/10/2018	73,580

	Credit		Debit			
		Amount (Rs.)		Amount (Rs.)		
[7]	Donation Amount Received on	30/11/2018	35,895	Donation amount placed in bank as Fixed Deposit on	01/12/2018	35,895

Payment & Receipt Account for F.Y 2017-18

Credit	Amount (Rs.)	Debit	Amount (Rs.)
Interest for 07/09/2016 to 31/12/2016 on fixed deposit	1,47,155	TDS on Interest of All Quarter	95,320
Interest for 01/01/2017 to 31/03/2017 on fixed deposit		Travelling charges	23,827
Interest for 01/04/2017 to 30/06/2017 on fixed deposit (On 1st FD of Rs. 6115459)	1,02,916	Course Material/Kit	1,46,415
Interest for 01/07/2017 to 30/09/2017 on fixed deposit (On 1st FD of Rs. 6115459)	1,04,047	Stationary	1,12,850
Interest for 01/10/2017 to 31/12/2017 on fixed deposit (On 1st FD of Rs. 6115459)	1,04,047	Hospitality	52,422
Interest for 01/01/2018 to 31/03/2018 on fixed deposit (On 1st FD of Rs. 6115459)	1,01,785	Food Exps.	1,52,771
Interest for 01/07/2017 to 30/09/2017 on fixed deposit (On 2nd FD of Rs. 6995996)	1,22,430	Video Recording and Photography	2,38,498
Interest for 01/10/2017 to 31/12/2017 on fixed deposit (On 2nd FD of Rs. 6995996)	1,22,430		
Total Fund of Scholarship as on 31/03/2018	8,04,810	Balance Amount C/f.	-17,293
		Total Expenses over Interest Income	8,04,810


DY. ACCOUNTS OFFICER
CHAROTAR UNIVERSITY OF
SCIENCE & TECHNOLOGY
CHANGA - 388 421, TA. PETLAD, DI. ANAND

Faculty of Sciences

APPLICATION FOR INDUSTRY RESEARCH PROJECT

1. Title of research grant

Preliminary study on application of nano-grease & MR grease and its Tribological properties.

2. Provide the outline of your Proposed Solution (Abstract)

To Develop and characterize nano-additive based grease for industrial applications. The advantage of over conventional grease will be possible to enhance the properties of lubrication in terms of wear and friction.

3. Project Duration

SIX months

4. Provide a concise background to the project high lightening the problems to be addressed

The major aim of the proposed project is to synthesize nano-additives based grease as a lubricant for industrial applications.

5. Define the specific research activities to be pursued during Project Period

1. Characterization of base oils used for grease
2. Synthesis of nano-magnetic additive in above base oil
3. Optimizing concentration of nano-additive.
4. Tribological properties of Grease.

6. Provide a comprehensive description of techniques to be used

The following characterization will be carried out to optimize the nano-additive based lubricating oil.

1. Viscosity-temperature dependent
2. Wear/Friction and EP test using Four-Ball set up.
3. Influence of nano-additive on the above properties.

The technique for synthesis and optimization parameters will be proprietary of company and revenue will be shared when it is commercialized based on mutually agreed terms. The testing of the materials will be as per the ASTM protocol.

7. Advantages of suggested Methodological approach

1. Cost effective & Commercially viable
2. Improves the lubricating properties.

8. List the

- Available resources
 1. PDPIAS lab facilities
 2. The basic required Glassware and other facilities
- Needed Resources
 1. One testing equipments.

9. Beneficiary of the Project Research Project

Automobile industries, Gear and bearing industries.
Other commercial and academic purpose.

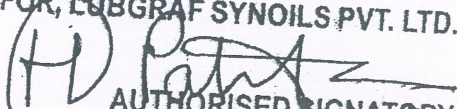
• Industrial Collaborator

Name (s)	Haren Patel & Jinal Patel
Industry Name	Lubgraf Syn Oils Pvt. Ltd.
Qualification	Chemical engineer
Designation	MD
Contact	07925840726
Email	haren@lspl.in

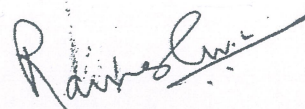
TENTATIVE BUDGET SUMMARY

Sr.No	ITEM	Industry Share (Lacs)
1	Permanent Equipments	00.80
2	Consumables	Will be provided by industry
3	Manpower Project assistant(s) identified by PI & Industry partner	01.20
4.	Other Costs (outsourcing, Fabrication, Testing, Patents, etc.)	00.30
Total		02.30

Date of Implementation: 15th Dec. 2017
FOR, LUBGRAF SYNOILS PVT. LTD.


AUTHORISED SIGNATORY
Mr. Haren Patel

Lubgraf Syn Oils Pvt Ltd.,



Professor R V Upadhyay,
PI, PDPIAS



CHARUSAT

CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (PDPIAS)

CHARUSAT Campus, At CHANGA, Ta. Petlad Di. Anand -388 421 (Gujarat) India.

Ph. # +91-2697-265000, 265192. Fax # +91-2697-247100.

Email : info@charusat.ac.in Web : www.charusat.ac.in

CHEQUE RECEIPT

Voucher No : 13 /17/002880

Voucher Date : 01/02/2018

Created On : 07/02/2018 4:51PM

S.B.I. - CHANGA [30875081005]

Received with thanks from :

M/S. Lubgraf Synoils

Received as per following:

PARTICULAR	AMOUNT ()
RESEARCH PROJECT-NANO GREASE AMOUNT RECEIVED FROM " M/S.LUBGRAF SYNOILS" FOR THE PROJECT OF RESEARCH PROJECT-NANO GREASE C/O. DR.R.V.UPADHYAY AS PER BANK STATEMENT. RECD. FROM M/S. LUBGRAF SYNOILS	235,000.00

Cheque No. : Transfer

Bank Name : S.B.I BANK

Branch : CHANGA

TOTAL :

235,000.00

Amount in words : RUPEES TWO LAKH THIRTY FIVE THOUSAND

Prepared By : BCP

Checked By :

for CHAROTAR UNIVERSITY OF SCIENCE AND TECHNOLOGY (PD

Aegis : Shri Charotar Motti Sattavis Patidar Kelavani Mandal

CHARUSAT Campus, Changa, ANAND District - 388 421 (Gujarat) India. Ph # +91-2697-265011, 265021

Fax # +91-2697-265007 E-mail : info@charusat.ac.in Web : www.charusat.ac.in

3.2.1
16-20
12
9