



'A' Grade  
(NAAC Re-accredited)  
(3<sup>rd</sup> Cycle)

॥ अंतरी पेटवू ज्ञानज्योत ॥

# उत्तर महाराष्ट्र विद्यापीठ

पत्रपेटी क्र. ८०, उमविनगर, जळगाव

## संशोधन व विकास विभाग

NMU/11A/VCRMS/Budget-2016-17/Science-12/ 85 /2017

Date:25.03.2017

To,  
The Principal,  
NSS Uttamrao Patil Arts & Sci. College,  
Dahiwel, Tal. Sakri. Dist. Dhule

Sub.: - Financial assistance for research project under the Scheme "Vice Chancellor Research Motivation Scheme (VCRMS)" to University/College Teachers through University Fund.

Ref.: - उमवि/११ए/अर्थसंकल्प-२०१६-१७/VCRMS/४२८/२०१६ दि. २४.१२.२०१६

Project entitled :- "Solution properties of Novel cationic hydroxylated Gemini surfactant in presence of alcohols and electrolites in aqueous mixed system"

Subject :- Science,

Sir/Madam,

With reference to above subject and your letter forwarding the research proposal of **Dr. Mahendra S. Borase, Asstt. Professor**, of your College for financial assistance under the VCRMS scheme, it is conveyed that the research proposal is approved with the approval sanction of total grant of ₹ 1,00,000/- (Rs. One Lakh only) The 1st installment of ₹ 80,000/- (Rs. Eighty Thousand only) is released to the **Principal of the College** for research project of Dr. Mahendra S. Borase, Asstt. Professor., for the period of 2 years and the details are given below:-

Sr. No.	Item	Amount Approved	Grant Released as Ist Installment
A.	Non-Recurring		
	Books /Journals	--	--
	Equipment	₹ 60,000/-	₹ 60,000/-
B.	Recurring		
	Contingency	₹ 20,000/-	₹ 10,000/-
	Travel/ Field work	₹ 10,000/-	₹ 05,000/-
	Hiring Services	₹ 10,000/-	₹ 05,000/-
	Total (A+B)	₹ 1,00,000/-	₹ 80,000/-

1. The sanctioned amount is debitable to the University budget 2016-17 under Vice Chancellor Research Motivation Scheme (VCRMS) head.
2. The Principal Investigator must send the acceptance certificate in prescribed format to the undersigned within 15 days from the issue of the award letter failing, it will be presumed that the Principal Investigator is not willing to implement the project and approval will be withdrawn.
3. If the terms & conditions are acceptable, the Cheque issued by University, may be retained otherwise the same may be returned to the Finance & accounts officer, NMU by Registered Post within 15 days from the receipt of the cheque.

PTO

☎ : (९१) ०२५७-२२५७२२१ व २२५८४०९ (कार्यालय)  
(९१) ०२५७-२२५७२२२-२२५७२२५ विस्तारित क्र. २२१-२२५

वेबसाईट : www.nmu.ac.in


ई-मेल : bcud\_nmu@hotmail.com

**Kavayitri Bahinabai Chaudhari  
NORTH MAHARASHTRA UNIVERSITY  
JALGAON**

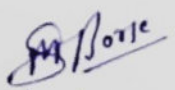
**STATEMENT OF EXPENDITURE IN RESPECT OF VCRMS RESEARCH PROJECT**

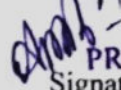
1. File No. :- NMU/11A/VCRMS/Budget-2016-17/Science-12/85/2017, dated: 25/03/2017
2. Name of principal Investigator :- DR. Mahendra Sahebrao Borse
3. Department :- Chemistry  
Uttamrao Ptail College, Dahivel
4. Title of Project :- "Solution properties of novel cationic hydroxylated gemini surfactant in presence of alcohols and electrolytes in aqueous mixed system"
5. Effective date of starting project :- 01/07/2017
6. Date of completion of project :- 01/07/2019
7. Amount taken from the office :- 80,000/- INR.
6. Detail of expenditure :-

Sr. No	Item	Approved Amount (INR)	Received Amount (INR)	Actual Expenditure (INR).
A.	Non-Recurring			
i.	Books and journals	---	---	---
ii.	Equipments	60,000/-	60,000/-	52,019/- 3,000/- 4,980/-
B	Recurring	----	----	----
i.	Contingencies	20,000/-	10,000/-	21375/-
ii.	Travel/field work	10,000/-	5,000/-	10,080/-
iii.	Hiring services	10,000/-	5000/-	10,030/-
	Total	1,00,000/-	80,000/-	1,01,904/-

  
Signature of the Principal  
Uttamrao Patil Arts & Science College,  
Dahivel (Tal. Sakri, Dist. Dhule.)  
(Seal)



  
[Dr. Mahendra S. Borse]  
Signature of Principal  
Investigator  
(Seal)

A.M. Gujrathi & Co.  
Chartered Accountants  
  
PROPRIETOR  
Signature of the CA  
with seal & Regd. No. of CA




UQEN19063157-AAAA-EL3833


**Kavayitri Bahinabai Chaudhari  
North Maharashtra University**

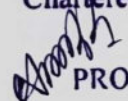
**Utilization Certificate**

Certified that the grant of Rs.1,00,000/- (Rupees One Lac Only) received from the Kavayitri Bahinabai Chaudhari North Maharashtra University under the Scheme of support for Research Project entitled, "**Solution properties of novel cationic hydroxylated gemini surfactant in presence of alcohols and electrolytes in aqueous mixed system**" vide University Letter No. F.: NMU/11A/ VCRMS/ Budget-2016-17/Science-12/85/ 2017, Dated: 25/03/2017 has been fully utilized for the purpose for which it was sanctioned and in accordance with the terms and conditions laid down by the Kavayitri Bahinabai Chaudhari North Maharashtra University.

  
[Dr. Mahendra S. Borse]  
Signature  
Principal Investigator



  
Signature  
Principal of College  
PRINCIPAL,  
Uttamrao Patil Arts & Science College,  
Dahivel, Tal. Sakri, Dist. Dhule.

A.M.Gujrathi & Co.  
Chartered Accountants  
  
PROPRIETOR  
Chartered accountant/ Auditor

09/12/19



UDIN 19043157 AAAA E 23873



NAAC Accredited 'B' Grade

Off.- 02561-230643  
Mob- 9130955910  
Webside-www.upcollegedahivel.org  
Email – upcdahivel@yahoo.co.in

College code :- 210068  
Cut No :- 101100064

Navoday Shaikshanik Sanstha, Dhule's

**UTTAMRAO PATIL ARTS & SCIENCE COLLEGE, DAHIWEL, TAL- SAKRI , DIST -DHULE**

Shri.A.M.Patil (President)

Prin. B.D.Borse (MSc, Ph.D)

OUR No - DPcD/VCRMS/981/2019-20

Date-10/12/2019

To,  
Director  
Research and Development,  
KNC NMU Jalgaon, Jalgaon

**Subject:- Submission of Final Thesis of VCRMS Research Project with other necessary documents**

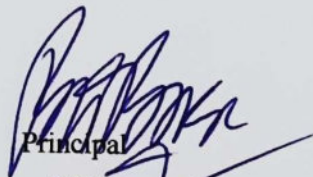
Dear Sir,

With reference to the subject cited above and as per University guidelines, hereby submitting one bound copy of the final thesis of VCRMS research project with necessary documents, along with this, please find a soft copy of a thesis and research paper for your kind consideration. The detail of VCRMS is as below,

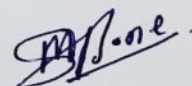
Title of project :-	<b>"Solution properties of novel cationic hydroxylated gemini surfactant in presence of alcohols and electrolytes in aqueous mixed system",</b>
University sanction letter :-	<b>Ref No.: NMU/11A/VCRMS/Budget-2016-17/Science-12/85/2017, dated 25/03/2017</b>
Name and address of the PI :-	<b>Dr. Mahendra S. Borse</b> Department of chemistry Nss, Uttamrao Patil College Dahivel, Taluka- SAKRI, District Dhule-424302
Date of starting and end of project	Effective date of starting :- <b>01/07/2017</b> Ending date :- <b>01/07/2019</b>
Total amount sanctioned	<b>:- 1,00,000/-</b>
Total amount received	<b>:- 80,000/-</b>

Please accept, oblige and acknowledge the letter.

Thanking You  
Forwarded through:

  
Principal

**PRINCIPAL,**  
Uttamrao Patil Arts & Science College,  
Dahivel, Tal. Sakri, Dist. Dhule.

  
[Dr. Mahendra S. Borse]  
Signature of PI





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**UTTAMRAO PATIL ARTS & SCIENCE COLLEGE, DAHIWEL, TAL- SAKRI, DIST -DHULE**

Shri.A.M.Patil (President)

Prin. B.D.Borse (MSc, Ph.D)

दि. 09/12/2019

### PROJECT COMPLETION CERTIFICATE

This is certify that the minor research project entitled, "*Solution properties of novel cationic hydroxylated gemini surfactant in presence of alcohols and electrolytes in aqueous mixed system*", Letter NO. : NMU/11A/VCRMS/Budget-2016-17/Science-12/85/2017, dated 25/03/2017 was sanctioned to **Dr. Mahendra S. Borse**, Assistant Professor, and Department of Chemistry of this college. He has successfully completed and submitted 4 volume of the said VCRMS Project to College office on dated 09/12/2019.

Principal

PRINCIPAL,

Uttamrao Patil Arts & Science College,  
Dahivel, Tal. Sakri, Dist. Dhule.

Project Investigator

[Dr. Mahendra S. Borse]

