

SUBMISSION OF
FINAL PROJECT REPORT

ENTITLED

**“Role of chelated antibiotics in some
biochemical studies” [Novel complex]**

TO
UNIVERSITY GRANTS COMMISSION

By

Mr. D.V.SHAH

(M.Sc.)

Department of chemistry

Smt. S. M. Panchal Science College, Talod -383 215

(Gujarat-India).

To,
The Joint Secretary,
Western Regional Office,
Ganeshkhind ,
Pune.

**Sub.: Submission of the documents of Minor Research Project along with Income
expenditure statement and utilization certificate**

Respected Sir,

I, herewith, enclose the final required documents of minor research project sanctioned to Dr. D.V.Shah, Associate Professor in Chemistry in our college along with Utilization certificate and Income -expenditure statement.

The total amount sanctioned to the project is Rs. 1,65,000/- of which Rs. 1,07,500/- was released by UGC as a first installment. The actual expenditure so far made is Rs. 1,30,355/-.

I, therefore, request you to kindly release the second installment of Rs. 34,645/- which is my personal contribution.

He has already submitted his completed project report on 15/09/2015.

Thanking you

Dr. S.C. Parikh

Encl.:

- i) Utilization certificate
- ii) Audited statement expenditure with recurring items.
- iii) Statement of expenditure on field work. (Not Applicable).
- iv) Assets Certificate.
- v) Accession Certificate.
- vi) Acceptance Certificate.
- vii) A copy of Executive summary. (Already submitted).
- viii) Certificate of starting and completion of the project.
- ix) Certificate of unspent balance.

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI - 110 002.

Final Report of the work done on the Minor Research Project.

1. Project report : **Final**
2. UGC Reference No. : **F. No. 47-909/09(WRO), Dt. 22nd Sept. 2009**
3. Period of report from :
4. Title of research project : **"Role of chelated antibiotics in some biochemical studies" [Novel complex]**
5. (a) Name of the Principal Investigator : **Mr. D.V.Shah**
(b) Deptt. and University/College where work has progressed
: **SMT.S.M.Panchal Science College,
Talod, Dis. Sabarkantha [Gujarat]**
6. Effective date of starting of the project : **22/09/09**
7. Grant approved and expenditure incurred during the period of the report :
8. Total amount approved Rs. : **1,65,000/-**
9. Total expenditure Rs. : **1,30,355/-**

Report of the work done:

(i) Brief objective of the project: **Annexure-I**

(ii) Work done so far and results achieved and publications, if any, resulting from the work : **1 research paper**

(iii) Has the progress been according to original plan of work and towards achieving the objective if not, state reasons : **Yes**

(iv) Please indicate the difficulties, if any, experienced in implementing the project : **Nil**

- (v) If project has not been completed, please indicate the approximate time by which it is likely to be completed. A summary of the work done for the period (Annual basis) may please be sent to the Commission on a separate sheet : **NA**
- (vi) If the project has been completed, please enclose a summary of the findings of the study. Two bound copies of the annual report of work done may also be sent to the Commission.
- (vii) Any other information which would help in evaluation of work done on the project. At the completion of the project, the first report should indicate the output, such as (a) Manpower trained (b) Publication of results (c) other impact, if any. **1 research paper published**

**Signature of the principal
Investigator**

Principal College

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI- 110 002

Minor Research Project

UTILIZATION CERTIFICATE FOR TOTAL UTILIZED GRANT

It is certified that the grant of Rs. 1,65,000/- (Rupees one lacs sixty five thousand only) sanctioned to Mr. D.V.Shah by University Grants Commission vide their letter No. F. No. 47-909/2009(WRO), dated 22nd Sept. 2009 towards 1,55,688/- has been fully utilized for the purpose for which it has been sanctioned and in accordance with terms and conditions laid down by the commission.

If as a result of check or audit objection, some irregularity is noticed at a later stage action will be taken to refund or regularize the objected amount.

Total actual expenditure incurred for the project is of Rs.1,55,688/- (Rupees One lac fifty five thousand six hundred eighty eight only).

Grant Sanctioned	:	1,65,000/-
Grant Received	:	1,07,500/-
Grant Utilized	:	1,55,688/-
Grant Receivable	:	48,188/-

Signature of Principal
Investigator

Signature of Principal

Signature of Chartered
Accountant

UNIVERSITY GRANTS COMMISSION
BAHADUR SHAH ZAFAR MARG
NEW DELHI - 110 002

**PROFORMA FOR SUBMISSION OF INFORMATION AT THE TIME OF SENDING
THE FINAL REPORT OF THE WORK DONE ON THE PROJECT**

1. NAME AND ADDRESS OF THE PRINCIPAL INVESTIGATOR : **Mr. Dipak V. Shah**
2. NAME AND ADDRESS OF THE INSTITUTION : **SMT.S.M.Panchal Science College,
Talod, Dis. Sabarkantha [Gujarat]**
3. U.G.C. APPROVAL NO. AND DATE : **F.47-909/2009 WRO Dated 22 Sep. 2009**
4. DATE OF IMPLEMENTATION : **22/09/2009**
5. TENURE OF THE PROJECT : **Two Years**
6. TOTAL GRANT ALLOCATED : **1,65,000/-**
7. TOTAL GRANT RECEIVED : **1,07,500/-**
8. FINAL EXPENDITURE : **34,645/-**
9. TITLE OF THE PROJECT : **"Role of chelated antibiotics in some
biochemical studies" [Novel complex]**
10. OBJECTIVES OF THE PROJECT : **Annexure-I**
11. WHETHER OBJECTIVES WERE ACHIEVED: **Annexure-II**
12. ACHIEVEMENTS FROM THE PROJECT : **Annexure-III**
13. SUMMARY OF THE FINDINGS :
14. CONTRIBUTION TO THE SOCIETY : **Annexure-IV**
(GIVE DETAILS)
15. WHETHER ANY PH-D. ENROLLED/PRODUCED OUT OF THE PROJECT : **- Nil**
16. NO. OF PUBLICATIONS OUT OF THE PROJECT : **1 Research Paper**
(PLEASE ATTACH RE-PRINTS)

(PRINCIPAL INVESTIGATOR)

(PRINCIPAL)

UNIVERSITY GRANTS COMMISSION.

BAHADUR SHAH ZAFAR MARG

NEW DELHI- 110 002.

ACCEPTANCE CERTIFICATE FOR RESEARCH PROJECT

Name : **Mr. Dipak V. Shah**

No. : F.47-909/2009 WRO 22 Sep. 2009

Dated : **22/09/2009**

17. Title of the Project : **“Role of chelated antibiotics in some biochemical studies”**
[Novel complex]

The research project is not being supported by any other funding agency.

1. The terms and conditions related to the grant are acceptable to the Principal Investigator and University/College/Institution.
2. At present, I have no research project approved by UGC and the accounts for the previous project, if any have been settled.
3. The College/University is fit to receive financial assistance from UGC and is included In the list prepared by the UGC.
4. The Principal Investigator is a retired teacher and eligible to receive honorarium as he/she is neither getting any honorarium from any agency nor is he/she gainfully employed anywhere.
5. His/her date of birth is : **24/05/1957**
6. The date of Implementation of the project is 22/09/2009

Investigator

Principal

Dated:

SMT.S.M.PANCHAL SCIENCE COLLEGE,TALOD
DIST. SABARKANTHA

STATEMENT OF EXPENDITURE IN RESPECT OF MINOR RESEARCH PROJECT

1. Name of Principal Investigator : **Mr. Dipak V. Shah**
2. Deptt. of University/College : **Smt.S.M.Panchal Science
College, Talod, Dis. Sabarkantha
[Gujarat]**
3. UGC approval No. and Date : **F.47-909/2009 WRO 22 Sep. 2009**
18. Title of the Research Project : **"Role of chelated antibiotics in some
biochemical studies" [Novel complex]**
- Effective date of starting the project : **22/09/2009**
4. (a) Period of Expenditure: From to : **22 Sep 2009 to 15 Sep. 2015**
- h. Details of Expenditure :

Heads	Sanctioned amount	Received amount	Actual Expenditure
Books & Journals	25,000/-	25,000/	20,061
Equipments	25,000/	25,000/	25,109
Contingencies	30,000/-	15,000/-	26,055
Special needs	-----	-----	-----
Travels	15,000/	7500/	14,500
Chemicals	70,000/	35,000/-	69,983
Others Stationary expanses)	-----	----	
Total	1,65,000	1,07,500/-	1,55,688

c. Staff Date of Appointment : **Nil**

1. It is certified has the appointments) have been made in accordance with the terms and conditions laid down by the Commission. **NA**
2. It as a result of check or audit objective. Some irregularly is noticed, later date, action will be taken to refund, adjust or regularize the objected amounts.
3. Payment @ revised rates shall be made with arrears on the availability of additional funds.

19. If is certified that the grant of Rs. **1,55,688/- (RUPEES ONE LAC FIFTY FIVE THOUSAND SIX HUNDRED EIGHTY EIGHT ONLY)** received from the University Grants Commission under the scheme of support for Minor Research Project entitled **""Role of chelated antibiotics in some biochemical studies" [Novel complex]**
4. Vide UGC letter No. **F.47-909/2009 WRO dated 22 Sep. 2009** has been fully utilized for the purpose for which it was sanctioned and in accordance with the terms and conditions laid down by the University Grants Commission.

SIGNATURE OF PRINCIPAL INVEST GATOR

PRINCIPAL

SIGNATURE OF CHARTERED ACCOUNTANT

Smt. S.M.Panchal Science College, Talod-383215

Dist.: Sabarkantha (Gujarat)

ACCESSION CERTIFICATE

(For Books of Minor Research Project Mr.Dipak V.Shah)

It is certified that Mr.Dipak V. Shah has purchased books from sanctioned MRP by the University Grants Commission vide its sanctioned letter No.F. 47-909/09 (WRO) dated 22nd September 2009 has been utilized.

Books are handed over to the college.

Sr.No.	Author	Title of the Book	Accession No.
1	Lawrence	Introduction to coordination chemistry	9234
2	Yan	Analysis and Purification methods in combinatorial chemistry	9235

**Signature of Chartered Accountant
with seal and Regd. No.**

Signature of Librarian

Investigator

Signature of the Principal

With seal

Smt. S.M. Panchal Science College, Talod-383 215

Dist.: Sabarkantha (Gujarat)

ASSET CERTIFICATE

(For Equipment of Minor Research Project Mr.Dipak V. Shah)

It is certified that the following equipments have been purchased under MRP sanctioned by the University Grants Commission vide its sanctioned letter NO F. 47-909/09 (WRO) dated 22nd September,2009. All the equipments are handed over to the college.

No	Name of Instruments	Quantity	College Instru. Code
1.	pH Conductivity meter with Magnetic stirrer and Teflon magnet	01	UGC MRP -XI plan dvs 01
2.	Combined electrode	01	-UGC.MRP-XI plan dvs-02
3	Conductivity cell	01	UGC.MRP-XI plan dvs-03
4	Magnetic stirrer 2 MLH	01	UGC.MRP-XI plan dvs-04
5	Melting point apparatus	01	UGC.MRP-XI plan dvs-05

Signature of the Principal
with seal

Signature of Principal
Investigator

Signature of Chartered accountant
with seal & Regd.No.

CERTIFICATE OF STARTING AND COMPLETION OF PROJECT

It is certified that Mr. Dipak V. Shah has started his project work on 22/09/2009 and completed on 15/09/2015 funded by the university Grants Commission vide its sanctioned letter F. 47-909/2009 (WRO) dated 22 Sep. 2009.

Investigator

Principal

CERTIFICATE OF UNSPENT BALANCE

It is certified that Mr Dipak V. Shah received MRP funded by the university Grants Commission vide its sanctioned letter F. 47-909/2009 (WRO) dated 22 Sep. 2009. He has utilized his all sanction amount and there is no unspent balance with him.

Investigator

Principal

UNIVERSITY GRANTS COMMISSION

**BAHADUR SHAH ZAFAR MARG
NEW DELHI-110 002**

STATEMENT OF EXPENDITURE INCURRED ON FIELD WORK/TRAVELLING

Name of the principal investigator: Mr. D.V.Shah

Name of the place visited	Duration of the visit		Mode of journey	Expenditure Incurred (Rs.)
	From	To		
Ahmedabad for Chemical 12/08/2011	Talod	Ahmedabad	car	1200/
Ahmedabad 14/08/2011 (Chemical)	Talod	Ahmedabad	car	800/
Ahmedabad 14/12/2011 Chemicals	Talod	Ahmedabad	car	900/
Ahmedabad 31/03/2012 chemical	Talod	Ahmedabad	car	1000/
Patan 12/05/2012 analysis	Talod	Patan	car	1800/
Patan 09/06/2012 result	Talod	Patan	car	1800/
Ahmedabad 04/09/2013 books	Talod	Ahmedabad	car	1000/
Ahmedabad 31/03/2014 chemicals	Talod	Ahmedabad	car	1000/
Patan 21/04/2014 analysis	Talod	Patan	car	1800/
Patan 20/10/2014 result	Talod	Patan	car	1800/
Himmatnagar 10/09/2015	Talod	Himmatnagar	car	700/
Himmatnagar 16/09/2015	Talod	Himmatnagar	car	700/
			Total	14500/

Certified that the above expenditure is in accordance with the UGC norms for minor research project

SIGNATURE OF PRINCIPAL INVESTIGATOR

PRINCIPAL

Smt. S.M.Panchal Science College, Talod-383215

Dist.:Sabarkantha, Gujarat

Name of the scheme: Financial assistance to college teachers for undertaking Minor Research Projects

Sanctioned letter No.: File No.: 47-909/09(WRO) Date: 22/09/2009

Income	Rs.	Expenditure	Rs.
Grant received from UGC(WRO), Pune	1,07,500	Non-recurring books and journals Equipments	20,061 25,109
Loan from Mr. D.V.Shah	48,188	Recurring	
		Contingency	26,055
		Travel/Field work	14,500
		Chemicals	69,963
	1,55,688	Total	1,55,688

One lac fifty five thousand six hundred eighty eight only

Signature of Investigator

Signature of chartered accountant

Signature of Principal