

**BHARATI VIDYAPEETH  
(DEEMED TO BE UNIVERSITY), PUNE (INDIA)  
YASHWANTRAO MOHITE COLLEGE OF ARTS, SCIENCE AND  
COMMERCE, PUNE - 411038**



**MAJOR RESEARCH PROJECT IN BOTANY  
FACULTY OF SCIENCE**

## **FINAL REPORT**

**F.NO. 42-931/2013 (SR) Date: 14<sup>th</sup> March 2013**

**Entitled**

**'PHYSIOCHEMICAL INVESTIGATIONS OF SOME  
ANTIALLERGENIC INDIGENOUS PLANTS.'**

**Principal Investigator  
Dr. Pawar Sunil Ganpatrao**

**SUBMITTED TO  
UNIVERSITY GRANTS COMMISSION  
BAHADUR SHAH ZAFAR MARG,  
NEW DELHI-110 002**

**2<sup>nd</sup> MAY 2013 to 30<sup>th</sup> APRIL 2016  
(03 Years + 01 Year extension-2017)  
(w. e. f. 2<sup>nd</sup> MAY 2013)**



**Bharati Vidyapeeth**

(Deemed to be University)

**YASHWANTRAO MOHITE COLLEGE OF ARTS, SCIENCE & COMMERCE**

**Erandwane, Pune - 411 038**

★ Accredited with 'A+' Grade (2017) by NAAC ★

★ Category-I University Status by UGC ★

★ 'A' Grade University Status by MHRD, Govt. of India ★

★ Accredited (2004) & Reaccredited (2011) with 'A' Grade by NAAC ★

★ NIRF Ranking - 66 ★

Estd. 1984  
Celebrating



and Beyond  
BHARATI VIDYAPEETH  
Founder Hon'ble Dr. Patangrao Kadam

Under-Chancellor :  
**Patangrao Kadam**  
LL.B., Ph.D.

Charge Principal :

**S. R. Patil**  
M.Phil., Ph.D.

Tel. : (020) 25433383, 25424163

Fax : (020) 25440201

E-mail : [bvduymc@hotmail.com](mailto:bvduymc@hotmail.com)

[ymc@bharatividyapeeth.edu](mailto:ymc@bharatividyapeeth.edu)

Website : [ymc.bharatividyapeeth.edu](http://ymc.bharatividyapeeth.edu)

BVDU/YMC/ 254 /2018-2019.

Date: 11/09/2018

To

The Secretary,

University Grants Commission,

BahadurshahZafarMarg,

New Delhi - 110 002

Ref.: UGC File No. 42-931/2013 (SR), Date: 14<sup>th</sup> March 2013

Subject: Submission of Final Accounts & Report – Major Research Project in Botany (Science)

Sir,

We are pleased to forward the final account and report of the major research project in Botany (Science), as referred above, completed by Principal Investigator Dr. Sunil Ganpatrao Pawar, Associate Professor, Dept. of Botany, Y. M. College of Arts, Science and Commerce, Pune, entitled "Physiochemical Investigations of Some Antiallergenic Indigenous Plants".

Please find enclosed

- Annexure III -Statement of Expenditure,
- Annexure IV- Statement of Expenditure incurred on field work(Travelling & Field work),
- Annexure V-Audited utilization certificate,
- Summary of the final report,
- Head wise audited statement of accounts ,
- Total dues to be reimbursed from UGC, Delhi, amounting totally to Rs.1, 75,609/- (One Lakh Seventy Five Thousand Six Hundred Nine Only).

You are cordially requested to approve the accounts and arrange to send total amount **Rs.1,75,609/- (Rs. One Lakh Seventy Five Thousand Six Hundred Nine Only)** i.e a) Final instalment Rs. 84,878/-, b) fellowship dues- Rs.16,064/- and HRA there on @ 20% Rs.3303/-, as detailed in the certificates attached, and c) an excess expenditure incurred i.e. 65,375/- (Equipment) & 5989/- (Chemicals & Glasswares). Please approve the same, arrange to send the amount at an early date so as to settle the final accounts at the college level and oblige.

Thanking you in anticipation.

Yours faithfully,

  
Dr. S. G. Pawar  
**Principal Investigator**



  
Dr. S. R. Patil  
**Incharge Principal**  
Yashwantrao Mohite College, Pune-38





F. No. 42-931/2013 (SR)

The Under Secretary (FD-III)  
University Grants Commission  
New Delhi-110002

Sub:- UGC support for the Major Research Project in Physical Sciences, Bio-Sciences, Maths, Medical, Agricultural Sciences and Engineering & Chemistry to University/College Teachers - Project entitled, "Physiochemical investigations of some antiallergenic indigenous plants"

Sir,

I am to refer to your letter forwarding the application of Dr. Pawar Sunil Ganpatrao of your institution for financial assistance under the above scheme and to convey the Commission's approval & sanction an on account grant of Rs. 6,89,800/- (Rupees: six lakh eighty nine thousand eight hundred only) to the Principal, Yashwantrao Mohite College of Arts, Science and Commerce, Pune-411038, MS in r/o Major Research Project of Dr. Pawar Sunil Ganpatrao, Department of Botany for the period of 3 years w.e.f. 1.4.2013 as detailed below:-

S.No	ITEMS	AMOUNT APPROVED	GRANT RELEASED AS 1st INSTALMENT	Category
<b>A.</b>	<b>Non - Recurring</b>			
1.	Books & Journals	nil	2,35,000/-	OPEN
2.	Equipment (Spectrophotometer)	2,35,000/-		
<b>B.</b>	<b>Recurring</b>			
1.	Honorarium to Retd. Teacher @ Rs. 12, 000/- p.m.	nil	4,54,800/-	
2.	Project Fellow @14,000/- p.m. for initial 2 years and Rs. 16,000/- p.m. from the third year onwards.	5,28,000/-		
3.	Chemical/ Glassware / Consumable	1,00,000/-		
4.	Hiring Services	30,000/-		
5.	Contingency	75,000/-		
6.	Travel/Field Work	30,000/-		
7.	Special Need	nil		
8.	Overhead Charges @ Rs. 10% approved recurring Grant (Except Travel & Field Work)	73,300/-		
	<b>Total (A+B)</b>	<b>10,71,300/-</b>	<b>6,89,800/-</b>	

The acceptance Certificate in prescribed format (Annexure-I available on the UGC web-site) may be sent to the undersigned within one month from the issue of the award letter failing which the project may be treated as cancelled.

If the terms & conditions are acceptable, as per guideline which are available on UGC web-site [www.ugc.ac.in](http://www.ugc.ac.in) the Demand Draft/ Cheque being sent may be retained. Otherwise the same may be returned in original to the UGC by Registered Post in variably with in 15 days from the receipt of the Demand Draft/Cheque in favour of Secretary, UGC, New Delhi.

Principal Investigators should ensure that the statement of expenditure & utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the University Grants Commission in time.

The first instalment of the grant shall comprise of 100% of the Non -Recurring including Over Head Charges, and 50% of the total Recurring grant.

Dr. Pawar  
Shri. Yashwantrao Mohite  
Dr. Sunil Ganpatrao Pawar, Major Research Project



1. The sanctioned amount is debitable to the Major Head 4. (I) .a (31) Rs. 4,54,800/- & 4. (I) .a (35) Rs. 2,35,000/- and is valid for payment during financial year 2012-13.
2. The amount of the Grant shall be drawn by the Under Secretary (drawing and Disbursing Office), University Grants Commission on the Grants-in-aid Bill and shall be disbursed to and credited to the University/College, Yashwantrao Mohite College of Arts, Science and Commerce, Pune-411038, MS through Cheque/Demand Draft/ Mail Transfer.
3. The Grants is subject to the adjustment of the basis of Utilization Certificate in the prescribed performa submitted by the University/Colleges/institution.
4. The University/College shall maintain proper accounts of the expenditure out of the grants which shall be utilized only on approved items of expenditure.
5. The Utilization Certificate of the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to the University Grants Commission as early as possible after the close of the current financial year.
6. The assets acquired wholly or substantially out of University Grant Commission's grant shall not be disposed or encumbered or utilized for the purposes other than those for which the grant was given, without proper sanction of the University Grants Commission and should, at any time the College/University ceased in function such assets shall revert to the University Grant Commission.
7. A Register of assets acquired wholly or substantially out of the grant shall be maintained by the University/College in the prescribed form.
8. The grantee institution shall ensure the utilization of grant-in-aid for which it is being sanctioned/paid. In case non-utilization/part utilization, the simple interest @ 10% per annum as amended from time to time on unutilized amount from the date of drawl to the date of refund as per provisions contained in General Financial Rules of Govt. of India will be charged.
9. The interest earned by the University/College/Institute on this grants in aid shall be treated as additional grant and may be shown in the Utilization Certificate/Statement of expenditure to be furnished by grantee institution.
10. The University/College/Institute shall follow strictly all the instructions issued by the Government of India from time to time with regard to reservation of posts for Scheduled Castes/Scheduled Tribes/OBC/PH etc.
11. The University/College shall fully implement to Official Language Policy of Union Govt. and comply with the Official Language Act, 1963 and Official Languages (Use for Official purposes of the Union) Rules, 1978 etc.
12. The sanction issues in exercise of the delegation of powers vide Commission Office Order No. 25/92 dated May 01, 1992.
13. An amount of Rs. ----- out the grant of Rs. ----- sanctioned vide letter No. F. 42-931/2013 (SR) dated has been utilized by University/College/Institution for the purpose for which it was sanctioned. Utilization Certificate for Rs. ----- has already been entered at S. No. ----- now we may enter Utilization Certificate for Rs. ----- S. No. ----- and in the U. C. Registrar at page No. -----.
14. It is also certified from the B.C.R. that the funds are available under the scheme. Entered in BCR at S.No 3015/39  
The above grant is sanctioned against the budget provision of Rs. ----- during the current financial year leaving a balance of Rs. ----- under the head of Account 4. (I) .a (31) Rs. 4,54,800/- & 4. (I) .a (35) Rs. 2,35,000/-
15. The funds to the extent are available under the Scheme.
16. The University/Institution/College is strictly following the UGC regulations on curbing the menace of ragging in Higher Educational Institutions, 2009.

(Dr. (Mrs.) Unnila Devi)  
Joint Secretary

Copy forwarded for information and necessary action for:-

1. The Principal, Yashwantrao Mohite College of Arts, Science and Commerce, Pune-411038, MS, Acknowledgement for the receipt of DD / Cheque / Mail Transfer for Rs. 6,89,800/- may be sent to the Under Secretary, Finance Division III, UGC.
2. Dr. Pawar Sunil Gaupatrao, Principal Investigator, Department of Botany Yashwantrao Mohite College of Arts, Science and Commerce, Pune, 411038, MS
3. office of the Director General of Audit, Central Revenues, A. G. C. R. Building, I. P. Estate, New Delhi.
4. The Registrar, Bharti Vidyapeeth, Pune

(Pramod Sharma)  
Section Officer





**UNIVERSITY GRANT COMMISSION  
BAHADUR SHAH ZAFAR MARG  
NEW DELHI 110002  
GEN**

**FD Diary No. 8205**

**Dated : 14.10.2015**

**No.42-931/2013 (SR)**

**Dated: October, 2015**

**30 OCT 2015**

ie Under Secretary (FD-III)  
iversity Grants Commission  
hadur Shah Zafar Marg  
w Delhi - 110002

- ib: Release of Grant-in aid to Yashwantrao Mohite College, Pune- 411038 Maharashtra for the year 2015-16 under plan in respect of Major Research Project entitled "Physiochemical.....plants" awarded to Dr. Pawar Sunil Ganpatrao, Department of Botany, tenure of project from 01.4.2013 to 31.3.2016.

I am directed to convey the sanction of the University Grants Commission for payment of grant of Rs. 3,82,403/- (Rupees Three lakh eight two thousand four hundred three only) as 2<sup>nd</sup> installment for the year 2015-16 towards Major Research Project to The Principal, Yashwantrao Mohite College, Pune- 411038 Maharashtra for the plan expenditure to be incurred during 2015-16.

Name of the Item	Amount Allocated	Head of Account	Grant now Being Sanctioned	Grant already Released	Total Grant
Books & Journal	.....	3.A(49)(a).35	.....	.....	.....
Equipment	2,35,000/-		.....	2,35,000/-	2,35,000/-
Honorarium	.....	3.A(49)(a).31	.....	.....	.....
Project fellow	5,11,484/-		1,96,336/-	2,64,000/-	4,60,336/-
HRA	1,02,297/-		92,067/-	.....	92,067/-
Chemicals	1,00,000/-		40,000/-	50,000/-	90,000/-
Contingency	75,000/-		30,000/-	37,500/-	67,500/-
Hiring Services	30,000/-		12,000/-	15,000/-	27,000/-
Travel/field work	30,000/-		12,000/-	15,000/-	27,000/-
Overhead Charges	73,300/-		.....	73,300/-	73,300/-
Additional Grant	.....		.....	.....	.....
<b>Total</b>	<b>11,57,081/-</b>		<b>3,82,403/-</b>	<b>6,89,800/-</b>	<b>10,72,203/-</b>

- The sanctioned amount is debit able to Major Research Project head Sector-3.A(49)(a).31 and is valid for payment during the financial year 2015-16 only.

2. The amount of the Grant shall be drawn by the Under Secretary (Drawing and Disbursing Officer) UGC on the Grants-in-aid bill and shall be disbursed to and credited to The Principal, Yashwantrao Mohite College, Pune- 411038 Maharashtra through Electronic mode as per the following details:-

(a)	Bank Name & Address of Branch	State Bank of India, Shirole Bhavan, PMT Build, J. M. Road, Pune- 411004 Maharashtra
(b)	Account No	31791360494
(c)	Type of Account : SB /Current /Cash Credit	SIB
(d)	IFSC Code	SBIN0001110
(e)	MICR Code	411002003
(f)	Whether Bank Branch is RTGS or NEFT enabled : RTGS / NEFT /Both	YES
(g)	Name & Address of Account Holder	The Principal, Yashwantrao Mohite College, Pune- 411038 Maharashtra

3. The Grant is Subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University / Institution.
4. The University / Institution shall maintain proper accounts of the expenditure out of the Grants, which shall be utilized, only on the approved items of expenditure.
5. The University / Institution may follow the General Financial Rules, 2005 and take urgent necessary action to amend their manuals of financial procedures to bring them in conformity with GFRs, 2005 and those don't have their own approved manuals on financial procedures may adopt the provisions of GFRs, 2005 and instructions / guidelines there under from time to time.
6. The Utilization Certificate to the effect that the grant has been utilized for the purpose for which it has been sanctioned shall be furnished to UGC as early as possible after the close of current financial year.
7. The assets acquired wholly for substantially out of University Grants Commission's Grant shall not be disposed or encumbered or utilized for the purposes other than those for which the grants waayanands given without proper sanction of the UGC and should at any time the University ceased to function, such assets shall revert to the University Grants Commission.
8. A Register of Assets acquired wholly or substantially out of the grant shall be maintained by the University in the prescribed proforma.
9. The grantee institution shall ensure the utilization of grants-in-aid for which it is being sanctioned / paid. In case of non-utilization / part utilization thereof, simple interest @ 10% per annum, as amended from time to time on the unutilized amount from the date of drawal to the date of refund as per provisions contained in General Financial Rules of Govt. of India, will be charged.
10. The University / Institutions shall follow strictly the Government of India / UGC guidelines regarding implementation of the reservation policy [both vertical (for SC, ST & OBC) and horizontal (for persons with disability etc.)] in teaching and non-teaching posts.
11. The University / Institution shall fully implement the Official Language Policy of Union Government and comply with the Official Language Act, 1963 and Official Languages (Use for Official Purposes of the Union) Rules, 1976 etc.



12. The sanction is issued in exercise of the delegation of powers vide UGC Order No. 69/2014 [F.No.10-11/12 (Admn. IA & B)] dated 26/3/2014.
13. The University / Institution shall strictly follow the UGC Regulations on curbing the menace of Ragging in Higher Education Institutions, 2009.
14. The University / Institution shall take immediate action for its accreditation by National Assessment & Accreditation Council (NAAC).
15. The accounts of the University / Institution will be open for audit by the Comptroller & Auditor General of India in accordance with the provisions of General Financial Rules, 2005.
16. The annual accounts i.e. balance sheet, income and expenditure statement and statement of receipts and payments are to be prepared strictly in accordance with the Uniform Format of Accounting prescribed by Government.
17. An amount of Rs. 6,89,800/- out the grant of Rs. 6,89,800/-..... Sanctioned vide letter No. F. No. 42-931/2013 (SR) dated 14-03-2013 has been utilized by University/College/Institution for the purpose for which it was sanctioned. Utilization Certificate for Rs .....NIL..... has been entered at S. No..... now we may enter Utilization Certificate for Rs...6,89,800/- .....S. No.1391.. and in the U.C. Register at page No.90...
18. Funds to the extent of Rs are available under the scheme or BE / RBE of the year 2015-16.
19. This issues with the concurrence of IFD vide Diary No. 4358 (IFD) dated 17.09.2015.
20. This issues with the approval of Joint Secretary (MRP) vide Diary No. 50647 dated 28.09.2015.

Your faithfully,

(G.S. AULAKH)  
UNDER SECRETARY

Copy forwarded for information and necessary action for:-

1. The Principal, Yashwantrao Mohite College,  
Pune- 411038 Maharashtra
2. Office of The Principal, General of Audit, Central Revenues,  
AGCR Building, I P. Estate, New Delhi.
3. Accountant General, State Govt. of Maharashtra, Mumbai.
4. Dr. Pawar Sunil Ganpatrao, Department of Botany,  
Yashwantrao Mohite College, Pune- 411038 Maharashtra
5. The Registrar, Bharathi Vidyapeeth University, Pune, MS.
6. Guard file

(ARUN KUMAR SINHA)  
(SECTION OFFICER)



सत्यमेव जयते

विश्वविद्यालय अनुदान आयोग  
University Grants Commission  
मानव संसाधन विकास मंत्रालय, भारत सरकार  
(Ministry of Human Resource Development, Govt. of India)  
बहादुरशाह जफर मार्ग नई दिल्ली -110002  
Bahadurshah Zafar Marg, New Delhi-110002



ज्ञान-विज्ञान विमुक्तये

No. F. 42-931/2013 (SR)

125 MAR 2016  
March, 2016

The Principal,  
Yashwantrao Mohite College  
Of Arts, Science and Commerce,  
Pune, Maharashtra-411038.

**Subject:-** Extension of Major Research Project awarded Dr. Pawar Sunil Ganpatrao, Department of Botany by UGC during 2013.

Sir,/ Madam,

I am directed to say that the tenure of the Major Research Project awarded to you has been extended by the UGC upto 31.03.2017 without any financial assistance for the extended period.

Yours faithfully,

(G. S. Aulakh)  
Under Secretary

Copy to:-

Dr. Pawar Sunil Ganpatrao,  
Department of Botany,  
Yashwantrao Mohite College  
Of Arts, Science and Commerce,  
Pune, Maharashtra-411038.

(Arun Kumar Sinha)  
Section Officer



**Annexure - III**

**UNIVERSITY GRANTS COMMISSION  
BAHADUR SHAH ZAFAR MARG  
NEW DELHI – 110 002**

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

1. **Name of Principal Investigator :** Dr. Sunil Ganpatrao Pawar
2. **Dept. of Principal Investigator:** Department of Botany  
**University/College:** Yashwantrao Mohite College of Arts, Science and Commerce,  
Pune- 38, Bharati Vidyapeeth Deemed University, Pune.
3. **UGC approval Letter No. and Date:** F.42-931/2013(SR) dated 14<sup>th</sup> March, 2013.
4. **Title of the Research Project:** "Physiochemical Investigations of Some Antiallergenic  
Indigenous Plants."
5. **Effective date of starting the project :** 2<sup>nd</sup> May 2013  
**a. Period of Expenditure:** From 2<sup>nd</sup> May 2013 to 30<sup>th</sup> April 2016  
(03 Years + 01 Year extension-2017)

**b. Details of Expenditure:**

S.No.	Item	Amount Approved (Rs.)	Expenditure Incurred (Rs.)
i.	Books & Journals	-----	-----
ii.	Equipment	2,35,000/-	3,00,375/-
iii.	Contingency	75,000/-	75,000/-
iv.	Field Work/Travel (Give details in the proforma at Annexure- IV).	30,000/-	30,000/-
v.	Hiring Services	30,000/-	30,000/-
vi.	Chemicals & Glassware	1,00,000/-	1,05,989/-
vii.	Overhead	73,300/-	73,300/-
viii.	Any other items (Please specify)	----	-----

c . Staff

**Date of Appointment:** 2<sup>nd</sup> May 2013

S.No	Items		From	To	Amount Approved (Rs.)	Expenditure incurred (Rs.)
1.	Honorarium to PI (Retired Teachers) @ Rs. 18,000/-p.m.		----	----	----	----
2.	<b>Project fellow:</b> i) <b>NET/GATE qualified-</b> Rs. 16,000/-p.m. for initial 2 years and Rs. 18,000/- p.m. for the third year.		----	----	----	----
	ii) <b>Non-GATE/Non-NET-</b> Rs. 14,000/- p.m. for initial 2 years and Rs. 16,000/- p.m. for the third year.		2 <sup>nd</sup> May 2013	30 <sup>th</sup> April 2017	5,28,000/-	5,27,548/-

1. It is certified that the appointment(s) have been made in accordance with the terms and conditions laid down by the Commission.

2. If as a result of check or audit objection some irregularly is noticed at 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.

4. It is certified that the grant of Rs.10,72,203/- (Rupees- Ten Lakh Seventy Two Thousand Two Hundred Three only) has been received from the University Grants Commission under the scheme of support for Major Research Project entitled “**Physiochemical Investigations of Some Antiallergenic Indigenous Plants.**” vide UGC letter No. F. 42-931/2013(SR) dated 14<sup>th</sup> March, 2013 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.

  
Dr. S.G. Pawar

**Principal Investigator**

  
Dr. S.R. Patil

**Incharge Principal**  
Yashwantrao Mohite College, Pune-38

  
Ms. V. A. Dudhedia & Co.  
Chartered Accountant)





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

**Utilization certificate**

Certified that the grant of Rs.10,72,203/- (Rupees- Ten Lakh Seventy Two Thousand Two Hundred Three only) received from the University Grants Commission under the scheme of support for Major Research Project entitled "Physiochemical Investigations of Some Antiallergenic Indigenous Plants." vide UGC letter No. F. 42-931/2013(SR) dated 14<sup>th</sup> March 2013 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.

If as a result of check or audit objection some irregularly is noticed at later date, action will be taken to refund, adjust or regularize the objected amounts.


  
Dr. S.G. Pawar

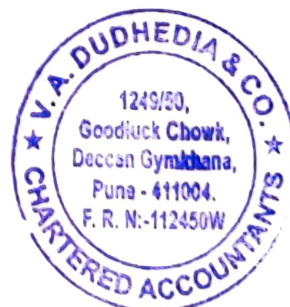
Principal Investigator

  
Dr. S.R. Patil

Incharge Principal  
Yashwantrao Mohite College, Pune-39



  
Ms. V. A. Dudhedia & Co.  
Chartered Accountant)



M/S V. A. Dudhedia & Co.  
Chartered Accountants,  
CTS No. 1249/50, Good Luck Chowk,  
Deccan Gymkhana, Pune-411004  
Off. 020- 25531717, 25531718.

## Statement of Details of Expenditure: 2<sup>nd</sup> May 2013 to 30<sup>th</sup> April 2016

(Four years: 03 Years+01 Year Extension-2017)

### Major Research Project

File no.:42-931/2013(SR), Date: 14<sup>th</sup> March 2013

Title: - Physiochemical Investigations of Some Antiallergenic Indigenous Plants.

Sr. No	Items	Amount approved	Amount Allocated from UGC Delhi	Released Grant	Amount spent	Excess Amount Spent	Amount to be Reimbursed from UGC Delhi
<b>A.</b>	<b>Non Recurring</b>						
1	Books and journals	Nil	----	----	Nil	----	----
2	Equipments	2,35,000/-	2,35,000/-	2,35,000/-	3,00,375/-	65,375/-	65,375/-
<b>B.</b>	<b>Recurring</b>						
1	Honorarium to Principal Investigator-Rtd	Nil	----	----	Nil	----	----
2	Fellowship to Project fellow	5,28,000/-	5,11,484/-	4,60,336/-	5,27,548/-	----	67,212/-
3	HRA	(20% on fellowship)	1,02,297/-	92,067/-	----	----	13,533/-
4	Chemicals/glassware/consumable	1,00,000/-	1,00,000/-	90,000/-	1,05,989/-	5,989/-	15,989/-
5	Hiring services	30,000/-	30,000/-	27,000/-	30,000/-	----	3,000/-
6	Contingency	75,000/-	75,000/-	67,500/-	75,000/-	----	7,500/-
7	Travel/field work	30,000/-	30,000/-	27,000/-	30,000/-	----	3,000/-
8	Overhead charges	73,300/-	73,300/-	73,300/-	73,300/-	----	----
	<b>Grand Total</b>	<b>10,71,300/-</b>	<b>11,57,081/-</b>	<b>10,72,203/-</b>	<b>11,42,212/-</b>	<b>71,364/-</b>	<b>1,75,609/-</b>

Dr. S.G.Pawar

Principal Investigator

Dr. S.R.Patil

Incharge Principal

Yashwantrao Mohite College, Pune-38

Ms. V. A. Dudhedia & Co.

Chartered Accountant





M/S V. A. Dudhedia & Co.  
Chartered Accountants,  
CTS No. 1249/50, Good Luck Chowk,  
Deccan Gymkhana, Pune-411004  
Off. 020- 25531717, 25531718.

## Major Research Project

2<sup>nd</sup> May 2013 to 30<sup>th</sup> April 2016

(03 Years+01 Year Extension-2017)

File no.:42-931/2013(SR), Date: 14<sup>th</sup> March 2013

**Title: - Physiochemical Investigations of Some Antiallergenic Indigenous Plants.**

### STATEMENT OF RECEIVABLE DUES FROM UGC, NEW DELHI

Sr.No	Items		Head wise Amount to be Reimbursed	Amount to be Reimbursed from UGC
1	Final Instalment	Fellowship of Project fellow	51,148/-	84,878/-
		HRA	10,230/-	
		Chemicals	10,000/-	
		Contingency	7,500/-	
		Hiring Services	3,000/-	
		Travel/field work	3,000/-	
2	Fellowship and HRA Dues	fellowship of Project fellow	16,064/-	19,367/-
		HRA	3,303/-	
3	Excess Expenditure	Equipments	65,375/-	71,364/-
		Chemicals	5,989/-	
Total Dues towards UGC				1,75,609/-

You are cordially requested to release the remaining amount of Rs. 1,75,609/- (Rs. One Lakh Seventy Five Six Hundred Nine Only) at the earliest.

  
Dr. S.G.Pawar

Principal Investigator

  
Dr. S.R.Patil

Incharge Principal

Yashwantrao Mohite College, Pune-38



  
Ms. V. A. Dudhedia & Co.  
Chartered Accountant



M/S V. A. Dudhedia & Co.  
Chartered Accountants,  
CTS No. 1249/50, Good Luck Chowk,  
Deccan Gymkhana, Pune-411004  
Off. 020- 25531717, 25531718.

## Major Research Project

2<sup>nd</sup> May 2013 to 30<sup>th</sup> April 2016

(03 Years+01 Year Extension-2017)

File no.:42-931/2013(SR), Date: 14<sup>th</sup> March 2013

**Title: - Physiochemical Investigations of Some Antiallergenic Indigenous Plants.**

### STATEMENT OF INCOME AND TOTAL EXPENDITURE INCURRED

Particulars	Amount Sanctioned	Amount Released	Expenditure Incurred
UGC New Delhi	10,71,300/-	1 <sup>st</sup> Installment 6,89,800.00 + 2 <sup>nd</sup> Installment 2,90,336.00 (Excluding HRA) = 9,80,136/-	11,42,212/-
HRA to fellow	1,05,600/-	92,067/-	1,05,600/-
Total expenditure incurred			12,47,812/-
In words Rupees Twelve Lakh Forty Seven Thousand Eight Hundred Twelve only			

### Total Receivable Amount from UGC, New Delhi

Sr.No.	Particulars	Expenditure Incurred
a.	Receivable amount by UGC as final installment from sanctioned amount	90,712/-
b.	Excess expenditure amount to be sanctioned and release from UGC	71,364/-
c.	Remaining HRA amount to be reimbursed from UGC	13,533/-
Total receivable amount from UGC, New Delhi		1,75,609/-
In words Rupees One Lakh Seventy Five Thousand Six Hundred Nine only		

You are cordially requested to release the remaining amount of Rs. 1,75,609/- (Rs. One Lakh Seventy Five Six Hundred Nine Only) at the earliest.

  
Dr. S.G. Pawar


Principal Investigator

  
Dr. S.R. Patil

Incharge Principal

Yashwantrao Mohite College, Pune-38



  
Ms. V. A. Dudhedia & Co.  
Chartered Accountant







**UNIVERSITY GRANTS COMMISSION**  
**BAHADUR SHAH ZAFER MARG**  
**NEW DELHI-110 002**

**Annexure - VI**

**PROFORMA FOR SUPPLYING THE INFORMATION IN RESPECT OF THE STAFF  
 APPOINTED UNDER THE SCHEME OF MAJOR RESEARCH PROJECT.**

**UGC FILE NO. F.42-931/2013(SR)dated 14<sup>th</sup> March, 2013**

**YEAR OF COMMENCEMENT:**

0	2		0	5		2	0	1	3
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**TITLE OF THE PROJECT: "Physiochemical Investigations of some Antiallergenic Indigenous Plants."**

1.	Name of the Principal Investigator:	Dr. Pawar Sunil Ganpatrao.				
2.	Name of the University/College	BharatiVidyapeeth Deemed University, YashwantraoMohite College of Arts, Science and Commerce, Pune-411 038.				
3.	Name of the Research Personnel Appointed	Miss. KambleVanita Mohan.				
4.	Academic Qualification	Sr. No.	Qualifications	Year	Marks	%
		1.	M.Sc.	2008	1487	61.96%
		2.	Ph.D.	Registered		
5.	Date of joining	02 <sup>nd</sup> May 2013				
6.	Date of Birth of Research Personnel	25 <sup>th</sup> Dec. 1985				
7.	Amount of HRA, if drawn	Amount Released. 92,067/-				
8.	Number of Candidate applied for the post	Five				
CERTIFICATE						

**CERTIFICATE**

**This is to certify that all the rules and regulations of UGC Major Research Project outlined in the guidelines have been followed. Any lapse on the part of the University, it will be liable to terminate the said UGC Project.**

**Dr. Pawar S.G.**

**Dr. S.R. Patil**

**Dr. S.R. Patil**

**Principal Investigator**

**Head,  
 Department of Botany  
 Bharati Vidyapeeth University  
 Yashwantrao Mohite College,  
 Pune - 411 038.**

**Incharge Principal  
 Yashwantrao Mohite College, Pune-38**

**BHARATI VIDYAPEETH DEEMED UNIVERSITY  
YASHWANTRAO MOHITE COLLEGE OF ARTS, SCIENCE AND  
COMMERCE, PUNE-411038.**

**Major Research Project in Botany**

**Final Report**

**2<sup>nd</sup> May 2013 to 30<sup>th</sup> April 2016**

(03 Years + 01 Year extension-2017)

File no.:42-931/2013(SR), Date: 14<sup>th</sup> March. 2013.

Actual Implementation: May 2013 to April 2016.

**Project Title: Physiochemical Investigations of Some Antiallergenic  
Indigenous Plants.**

**CERTIFICATE FOR CLAIM OF HRA OF PROJECT FELLOW**

Certified that the claim of HRA for the project fellow Ms. Kamble Vanita Mohan during first two years as per XIIth plan rules on the fellowship of Rs.14,000/-p/m @ 20% amounts to Rs.2800 X 24 =Rs.67, 200/- and during 3<sup>rd</sup> year on Rs.16,000/- p/m @ 20% amount Rs.3200 X 12 = Rs.38,400/- amounting to 67,200 + 38,400 = Rs.1, 05, 600/- This total amount of Rs.1,05,600/- (Rs. One Lac Five Thousand Six Hundred Only). But only Rs. 1, 02,297/- (Rs. One Lakh Two Thousand Two Hundred Ninety Seven Only) has been allocated in 2<sup>nd</sup> installment letter, out of these Rs 92,067/- (Rs. Ninety Two Thousand Sixty Seven Only) has been sanctioned. Rs. 3303/- (Rs. Three Thousand Three Hundred and Three Only) has not been allocated in second installment letter, you are therefore cordially requested to approved and send Rs. 13,533/- (Rs. Thirteen Thousand Five Hundred Thirty Three only) amount in final installment.

  
**Dr. S.G. Pawar**

**Principal Investigator**

  
**Dr. S.R. Patil**

**Incharge Principal**  
**Yashwantrao Mohite Collage, Pune-38**



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

**Final Report of the work done on the Major Research Project.**

- 1. Project report No. 1<sup>st</sup> /2<sup>nd</sup> /3<sup>rd</sup>/Final :- Final**
- 2. UGC Reference No. F. 42-931/2013(SR) dated 14<sup>th</sup> March, 2013.**
- 3. Period of report:** from 02<sup>nd</sup> May 2013 to 30<sup>th</sup> April 2016  
(03 Years + 01 Year extension-2017)
- 4. Title of research project :“Physiochemical Investigations of Some Antiallergenic Indigenous Plants.**
- 5. a. Name of the Principal Investigator:**Dr. Sunil Ganpatrao Pawar.  
**b. Department. :** Department of Botany  
**c. University/College where work has progressed :** Yashwantrao Mohite College of Arts, Science and Commerce, Bharati Vidyapeeth Deemed University, Pune- 411 038.
- 6. Effective date of starting of the project:** 01<sup>st</sup> April 2013 (Actual MRP start 02<sup>nd</sup> May 2013)
- 7. Grant approved and expenditure incurred during the period of the report:**
  - a. Total amount approved:**Rs.: 10,71,300/-
  - b. Total expenditure:** Rs.:11,42,212/-
  - c. Report of the work done**
    - i. Brief objective of the project:-**
      - a. Main objective of study is to provide suitable and cheaper herbal medicines for the patients in the country and to give them relief.
      - b. Analysis of biocomponents present in some antiallergenic plants.

- c. The comparative study of biocomponents of some antiallergenic plants.
- d. To provide exact & suitable solution to the vast problem of allergy in enormous population of India.
- e. To promote the research in this field bringing further progress for the development of subject.
- f. To translate the research in practical utility for the welfare of the Society in the country.

**ii. Work done so far and results achieved and publications, if any, result from the work (Give details of the papers and names of the journals in which it has been published or accepted for publication:-**

**Work done so far (details):-**

Detailed report has been attached. (189 pages)

**List of Publications attached (Appendix - I)**

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

Yes sir, the progress has been made according to the original plan of work and leading towards achieving the objective.

**iv. Please indicate the difficulties, if any, experienced in implementing the project:**

Yes – Most important difficulty has been experienced in implementing the project is purchasing instrument i.e. Double beam UV- Visible Spectrophotometer. Sanctioned amount for an instrument was insufficient for purchasing of spectrophotometer due to increasing rates of spectrophotometer. Main objective of MRP is spectrophotometric analysis of medicinal plants. So purchasing of an instrument at high rate is unavoidable. It was important need of MRP for achieving goals and objectives. To arranging excess



amount from college authority has taken time and hence delay was done in spectrophotometer purchase which directly or indirectly makes effects on MRP work.

- 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.**

The project has been completed fully. A summary of the work done and project report of MRP for the period has been enclosed.

- vi. **If the project has been completed, please enclose a summary of the findings of the study. One bound copy of the final report of work done may also be sent to University Grants Commission.**

The Project has been completed. Summary of the findings of the study has been enclosed. One bound copy of the final report of work done has been sent separately to the University Grants Commission (UGC) as per this guide line.

- 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:-** One fellow and one other Ph.D student have been trained in tenure of MRP.

(b) **Ph. D. awarded:** One fellow is working for Ph.D .

(c) **Publication of results (d) other impact, if any:**

Totally eight (08) research papers have been published in the International & National Scientific Journals during the project tenure. (List attached: Appendix - I)

  
**Dr. S.G. Pawar**  
**Principal Investigator**

  
**Dr. S. R. Patil**  
**Incharge Principal**  
**Yashwantrao Mohite College, Pune-38**

**BHARATI VIDYAPEETH DEEMED UNIVERSITY**  
**YASHWANTRAO MOHITE COLLEGE OF ARTS, SCIENCE AND**  
**COMMERCE, PUNE-411038.**

**Major Research Project in Botany**

**Final Report**

**2<sup>nd</sup> May 2013 to 30<sup>th</sup> April 2016**

(03 Years + 01 Year extension-2017)


File no.:42-931/2013(SR), Date: 14<sup>th</sup> March. 2013.

Actual Implementation: May 2013 to April 2016.

**Project Title:** Physiochemical Investigations of Some Antiallergenic Indigenous  
Plants.

**CERTIFICATE FOR UTILIZATION OF OVERHEAD CHARGES**

Certified that the overhead charges of the project amounting to Rs. 73,300/- (In words Rupees  
Seventy Three Thousand Three Hundred only) have been fully utilized for the purpose for which  
it was sanctioned in accordance with UGC norms.

  
**Dr. S.G. Pawar**  
**Principal Investigator**

  
**Dr. S. R. Patil**  
**Incharge Principal**  
**Yashwantrao Mohite College, Pune-38**



**BHARATI VIDYAPEETH DEEMED UNIVERSITY**  
**YASHWANTRAO MOHITE COLLEGE OF ARTS, SCIENCE AND**  
**COMMERCE, PUNE-411038.**

**Major Research Project in Botany**

**Final Report**

**2<sup>nd</sup> May 2013 to 30<sup>th</sup> April 2016**

(03 Years + 01 Year extension-2017)

File no.:42-931/2013(SR), Date: 14<sup>th</sup> March. 2013.

Actual Implementation: May 2013 to April 2016.

**Project Title:** Physiochemical Investigations of Some Antiallergenic Indigenous Plants.

**CERTIFICATE FOR APPROVAL OF EXCESS EXPENDITURE INCURRED ON  
PURCHASE OF EQUIPMENT**

This is certified that due to inflation of equipment rate after submission of the proposal of the project has been yielded in excess expenditure on the purchase of the equipment called "Double Beam UV-Vis Spectrophotometer."as follows-

Sr.No.	Name of Equipment	Proposed Price	Price at the time of purchase
1.	Double Beam UV-Vis Spectrophotometer	Rs:2,35,000/-	Rs:2,67,000/- + 33,375/-(12.5% VAT) =  Rs: 3,00,375/-
<b>Excess Amount incurred: 3,00,375 – 2,35,000 = Rs. 65,375/- (Rs: Sixty Five Thousand Three Hundred Seventy Five only)</b>			

**You are therefore, cordially requested to approve this excess amount spent over the equipment due to inevitable circumstances and arrange to release it at an early date.**

  
**Dr. S.G. Pawar**

**Principal Investigator**

  
**Dr. S. R. Patil**

**Incharge Principal**  
**Yashwantrao Mohite College, Pune-38**



**BHARATI VIDYAPEETH DEEMED UNIVERSITY**  
**YASHWANTRAO MOHITE COLLEGE OF ARTS, SCIENCE AND**  
**COMMERCE, PUNE-411038.**

**Major Research Project in Botany**

**Final Report**

**2<sup>nd</sup> May 2013 to 30<sup>th</sup> April 2017**

(03 Years + 01 Year extension)

File no.:42-931/2013(SR), Date: 14<sup>th</sup> March. 2013.

Actual Implementation: May 2013 to April 2017.

**Project Title:** Physiochemical Investigations of Some Antiallergenic Indigenous  
Plants.

**CERTIFICATE FOR CLAIM OF ARREARS OF PROJECT FELLOW**

Certified that the fellowship of project fellow amounting to Rs. 16,064/- (In words Rupees Sixteen Thousand Sixty Four Only) and HRA there on @ 20% amounting Rs. 3303/- (In words Rupees Three Thousand Three Hundred and Three Only ) have been not allocated in second installment letter, you are therefore cordially requested to approved and send the same amount in final installment.

  
**Dr. S.G. Pawar**  
**Principal Investigator**

  
**Dr. S. R. Patil**  
**Incharge Principal**  
**Yashwantrao Mohite Collage, Pune-38**

### Final Report Assessment / Evaluation Certificate

(Two Members Expert Committee Not Belonging to the Institute of Principal Investigator)


It is certified that the final report of Major Research Project entitled “Physiochemical Investigations of Some Antiallergenic Indigenous Plants” by Dr. Sunil Ganpatrao Pawar, Associate Professor, Department of Botany, Yashwantrao Mohite College of Arts, Science and Commerce, Bharati Vidyapeeth (Deemed to be University), Erandwane, Pune, Maharashtra has been assessed by the committee consisting the following members for final submission of the report to the UGC, New Delhi under the scheme of Major Research Project.

#### Comments/Suggestions of the Expert Committee:-

1. The outcome of the studies under references will help the pharmaceutical industries to find out potential medicinal plants used in the treatment of allergies. It will be useful to the researchers for further studies and the common man to get rid off the general allergies.
2. The findings of this project lead to the discovery of new drugs against the allergens which are important in all the systems of medicines such as Ayurveda, Siddha, Homeopathy, Allopathy etc.

#### Name & Signatures of Experts with Date:-

1.  Dr. P. N. Sardesai

2.  Dr. A. B. Ade

PROFESSOR  
Department of Botany  
Savitribai Phule Pune University  
Pune - 411 007.

**Dr. Avinash B. Ade**  
Professor  
Department of Botany,  
Savitribai Phule Pune University,  
Pune-411007. (Maharashtra)

Name of Expert  
with Date

University/College name

Signature

1. Dr. M. M. Sardesai

S.P.P.U., Pune



PROFESSOR

Department of Botany  
Savitribai Phule Pune University  
Pune - 411 007.

2. Dr. A. B. Ade

SPPU, Pune



**Dr. Avinash B. Ade**

Professor

Department of Botany,  
Savitribai Phule Pune University,  
Pune-411007. (Maharashtra)

It is certified that the final report has been uploaded on UGC-MRP portal on

.....

It is also certified that final report, Executive summary of the report, Research documents, monograph academic papers provided under Major Research Project have been posted on the website of the University/College.

  
(Registrar/Principal) Seal

(Dr. S. R. Patil)  
Incharge Principal  
Yashwantrao Mohite College, Pune-38

