



A/c Dy No. 2433  
Date: 5/3/2018

UNIVERSITY GRANTS COMMISSIONS -SOUTH EASTERN REGIONAL OFFICE

5-9-194, CHIRAG ALI LANE, IV FLOOR, A.P.S.F.C. BUILDING, HYDERABAD -500 001

Phones: 040 - 23204735, 23200208 FAX: 040 - 23204734, Website: www.ugc.ac.in, email: ugcsero@gmail.com

No.F MRP-6846/16 (SERO/UGC)

Link No:6846.

February, 2018

The Accounts Officer  
UGC-SERO, Hyderabad

Comcode: APAN081  
UniqueID:APVS00007840

5 MAR 2018

Sub: Release of Grants-in-aid to Minor Research Projects for the year 2017-2018.  
Sir / Madam,

The has reference to the Minor Research Project proposal submitted by NAGESWARARAO BUDIREDLA Department of PHYSICS of "S.G.A GOVT. DEGREE COLLEGE" YELLAMANCHILI, VISAKHAPATNAM DIST. entitled "Sol-gel synthesis and characterization of nickel (Ni) containing magnesium oxide (MgO) nano-powders". The subject expert, who evaluated the proposal, has recommended for financial assistance as detailed below.

Sl. No	Item	Amount Allocated (Rs.)	Amount Sanctioned as first installment (Rs.)
1.	Books & Journals	10000.	10000.
2.	Equipment	250000.	250000.
	Total	260000.	260000.
3.	Field work & Travel	20000.	10000.
4.	Chemical & Glass Ware	30000.	15000.
5.	Contingency (incl. Special Needs)	10000.	5000.
6.	Hiring Services	25000.	12500.
	Total	85000.	42500.
	Grand Total	345000.	302500.

1. I am further to convey the sanction of the University Grants Commission to the payment of Rs.302500. to the principal, S.G.A GOVT. DEGREE COLLEGE, YELLAMANCHILI, VISAKHAPATNAM DIST. as first installment (100% Non-Recurring and 50% Recurring grants) towards the above project.

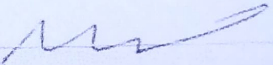
Amount Sanctioned	Head of Accounts	Category
Rs. 260000.	35-CAP-MRP(50)-3(A)2202.03.102.02.01	GEN
Rs. 42500.	31-GIA-MRP(50)-3(A)2202.03.102.02.01	GEN

2. The above approval is subject to the general conditions of grants prescribed by the UGC for this scheme.
3. The sanctioned amount is debit to the Head of Accounts 35-CAP-MRP(50)-3(A)2202.03.102.02.01 (General), 31-GIA-MRP(50)-3(A)2202.03.102.02.01 (General) and is valid for payment during the financial year 2017-18 only and the amount of the Grant shall be drawn by the Accounts Officer (Drawing and Disbursing Officer) UGC-SERO, Hyd. on the Grants-In Aid Bill and shall be disbursed to and credited to "The Principal, S.G.A GOVT. DEGREE COLLEGE, YELLAMANCHILI, VISAKHAPATNAM DIST. by Electronic Mode through PFMS Portal at the following details: (a) Name & Address of Account Holder: The Principal, S.G.A GOVT. DEGREE COLLEGE, YELLAMANCHILI, VISAKHAPATNAM DIST. (b) Name & Address of Bank Branch: SBI, YELLAMANCHILI
- (c) Account No: 30966824915 (d) IFSC Code: SBIN0000752.

4. In case the Principal investigator is having ongoing Major/Minor Research Project OR has been transferred/left/retired from the college, the released amount of Rs.302500.- may be returned to UGC-SERO, Hyderabad immediately, failing which action will be initiated against the College for not adhering with the norms of UGC for the scheme.
5. 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, interest @ 10% per annum as amended from time to time on utilized amount from the date of drawl to the date of refund as per provision contained in General Financial Rules of Govt. of India will be charged.

6. The assets acquired wholly or substantially out of UGC's grants 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 UGC and should, at any time the college ceased to function, such assets shall revert to the UGC.
7. The Principal investigator of the project is required to submit the First year progress report of the work done along with the documents 1) Annual Report of the Project as per Annexure-III 2) Utilization Certificate duly signed by the Principal Investigator, Principal & Chartered Accountant 3) Statement of Expenditure for the approved heads for the sanctioned amount as per Annexure-V duly signed by the Principal Investigator, Principal & Chartered Accountant.
8. The interest earned by the College / Institute on this grants-in-aid shall be treated as additional grant which may be shown in the Utilization Certificate / Statement of Expenditure to furnished by the grantee institution.
9. The college has to send the filled in Acceptance certificate within 15 days of receipt of this letter, else the college may return back the sanctioned amount to this office. Further if the conditions of the acceptance letter is not acceptable or applicable to the P.I/College, the sanctioned amount be refunded back to SERO-UGC, Hyderabad.
10. The guidelines of Minor Research Project have to be followed in toto.
11. The Grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma submitted by the University/Institution.
12. 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.
13. 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.
14. The college shall maintain a Register of Assets acquired wholly or substantially out of the grant in the prescribed proforma.
15. The College shall fully implement to Official languages Policy of Union Govt. and comply with the Official Language Act, 1963 and Official languages (use for official purposes of the Union) Rules, 1976 etc.,
16. The approval for the above has been received vide letter No.F.7-3/2016(SERO/MRP/RO) dated 6<sup>th</sup> September, 2016 from UGC, New Delhi.

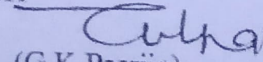
Yours faithfully,

  
 (Dr.G.Srinivas)  
 Joint Secretary

05/3/18

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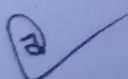
1. The Principal (Along with DD / Funds transferred through E-mode)  
S.G.A GOVT. DEGREE COLLEGE  
YELLAMANCHILI, VISAKHAPATNAM DIST. - 531055.
2. NAGESWARARAO BUDIREDLA  
Dept. of PHYSICS  
S.G.A GOVT. DEGREE COLLEGE  
YELLAMANCHILI, VISAKHAPATNAM DIST. - 531055.
3. The Dean/Director, College Development Council of affiliating University
4. The Commissioner /Director Collegiate Education, Government of ANDHRA PRADESH
5. The Principal Accounts General (A & E)-Government of ANDHRA PRADESH

  
 (G.K.Pasrija)  
 Under Secretary

GAR Cap. Sl.No. 603/2017-2018

GAR GIA Sl.No. 996/2017-2018

The sanctioned grant of **Rs.302500.** /- has been transferred to your college Account as mentioned at the Point No. 3 of this Sanction Order by e-payment through PFMS portal vide date.....**You are requested to acknowledge the receipt of the above amount in your account by sending back the enclosed stamped receipt within 7 days.**

  
 (R.Rayappa)  
 Accounts Officer

## Annexure - III

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

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

1. Name of Principal Investigator **Mr. NAGESWARARAO BUDIREDLA**
2. Deptt. of PI **Department of Physics**  
Name of College **S.G.A. Government Degree College, Yellamanchili - 531055**
3. UGC approval Letter No. and Date No. **F MRP-6846/16 (SERO/UGC) & Dated 05 March 2018**
4. Title of the Research Project **Sol-gel synthesis and characterization of nickel (Ni) containing magnesium oxide (MgO) nano-powders**
5. Effective date of starting the project 01.04.2018
6. a. Period of Expenditure: From 01.04.2018 to 31.10.2020  
b. Details of Expenditure \_\_\_\_\_

Sl. No.	Item	Amount Approved (Rs.)	Amount Sanctioned as 1 <sup>st</sup> installment (Rs.)	Expenditure Incurred (Rs.)
1.	Books & Journals	10000-00	10000-00	10051-00
2.	Equipment	250000-00	250000-00	250093-00
3.	Contingency (incl. special needs)	10000-00	5000-00	10427-00
4.	Field Work/Travel	20000-00	10000-00	20589-00
5.	Hiring Services	25000-00	12500-00	12500-00
6.	Chemical & Glassware	30000-00	15000-00	29851-00
	<b>Total</b>	<b>345000-00</b>	<b>302500-00</b>	<b>3,32,351-00</b>

7. 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.

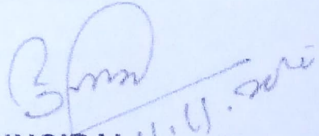
8. It is certified that the grant of Rs. 3,32,351 (Rupees Three Lakh Thirty Two thousands & Three Hundred Fifty One only) received from the University Grants Commission under the scheme of support for Minor Research Project entitled Sol-gel synthesis and characterization of nickel (Ni) containing magnesium oxide (MgO) nano-powders vide

UGC letter No. F. No. F MRP-6846/16 (SERO/UGC) dated 05 March 2018

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.

B. Nageswara Rao  
SIGNATURE OF PRINCIPAL INVESTIGATOR  
Lecturer in PHYSICS  
S.G.A.Govt. Degree College  
YELLAMANCHILI - 531055



  
PRINCIPAL  
Principal  
S.G.A.Govt. Degree College  
YELLAMANCHILI - 531 055  
Visakhapatnam District.  
(Seal)

Annexure - IV

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

STATEMENT OF EXPENDITURE INCURRED ON FIELD WORK & TRAVEL

Name of the Principal Investigator: B. NAGESWARARAO

Name of the Place visited	Duration of the Visit		Mode of Journey	Expenditure Incurred (Rs.)
	From	To		
IIT Delhi, New Delhi.	01-08-2018	03-08-2018	Air/ Flight	3764-00
NPL New Delhi.	13-06-2018	14-06-2018	Train Sleeper Class	690-00
Andhra University, Visakhapatnam.	24-04-2019	25-04-2019	Hired by Vehicle	900-00
Govt. College (A), Rajamahendravaram.	15-04-2019	18-04-2019	By Bus	1,180-00
I.I.Sc. Bangalore, Karnataka.	26.06.2019	29.06.2019	By Bus & Train	2,913-00
GITAM University, Visakhapatnam.	03-06-2019	04-06-2019	Hired by Vehicle	1,100-00
NIO, Visakhapatnam.	03-09-2019	04-09-2019	Hired by Vehicle	1,100-00
NIT Warangal, Telangana.	07-10-2019	08-10-2019	By Bus	2,432-00
I.A.Sc., Bangalore, Karnataka.	24-05-2019	28-05-2019	By Bus & Train	3,630-00
Dr. V.S.K. Govt. College (A), Visakhapatnam.	20-12-2019	21-12-2019	Hired by Vehicle	1,100-00
Govt. College (A), Rajamahendravaram.	11-11-2019	12-11-2019	By Bus	1,780-00
Total (Twenty Five Thousand Rupees Only)				20,589-00

Certified that the above expenditure is in accordance with the UGC norms for Minor Research Projects.

*B. Nageswar Rao*  
SIGNATURE OF PRINCIPAL INVESTIGATOR

Professor in PHYSICS.  
S.G.A. Govt. Degree College  
YELLAMANCHILI - 531055



3

PRINCIPAL

*(Signature)*  
(Seal)

Principal  
S.G.A. Govt. Degree College  
YELLAMANCHILI - 531 055  
Visakhapatnam District.

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

Utilization certificate

Certified that the grant of Rs. 3,32,351 (Rupees Three Lakh Thirty Two thousands & Three Hundred Fifty One only) received from the University Grants Commission under the scheme of support for Minor Research Project Entitled Sol-gel synthesis and characterization of nickel (Ni) containing magnesium oxide (MgO) nano-powders vide UGC letter No. F. No. F MRP-6846/16 (SERO/UGC) dated Dated 05 March 2018 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.

B. Nageswara Rao  
SIGNATURE OF THE  
PRINCIPAL INVESTIGATOR  
Lecturer in PHYSICS  
S.G.A.Govt. Degree College  
YELLAMANCHILI - 531055

PRINCIPAL

(Seal)

Principal  
S.G.A.Govt. Degree College  
YELLAMANCHILI - 531 055  
Visakhapatnam District.

STATUTORY AUDITOR

(Seal)



UNIVERSITY GRANTS  
COMMISSION BAHADUR SHAH  
ZAFAR MARG NEW DELHI –  
110002.

Annual/Final Report of the work done on the Minor Research Project.  
(Report to be submitted within 6 weeks after completion of each  
year)

1. Project report No. 1<sup>st</sup>/Final Final
2. UGC Reference No.F. No. F MRP-6846/16 (SERO/UGC)
3. Period of report: from 01.04.2018 to 31.10.2020
4. Title of research project **Sol-gel synthesis and characterization of nickel (Ni) containing magnesium oxide (MgO) nano-powders**
5. (a) Name of the Principal Investigator **Mr. NAGESWARARAO**  
**BUDIREDLA**  
(b) Deptt. **Dept. of Physics**  
(c) College where work has progressed **S.G.A. Government**  
**Degree College, Yellamanchili - 531055**
6. Effective date of starting of the project **01.04.2018**
7. Grant approved and expenditure incurred during the period of the report:
  - a. Total amount approved Rs. **3,45,000-00**
  - b. Total expenditure Rs. **3,32,351-00**
  - c. Report of the work done: (Please attach a separate sheet) (**Attached**)
- i. Brief objective of the project
  1. **Preparation of nickel (Ni) doped magnesium oxide (MgO) nano-powders by Sol-gel Process**
  2. **Characterization of Mg<sub>1-x</sub>Ni<sub>x</sub>O powders**
- ii. Work done so far and results achieved and publications, if any, resulting from the work (Give details of the papers and names of the journals in which it has been published or accepted for publication) **Nil**

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

Ans.: Yes.

iv. 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 the concerned Regional Office of the UGC.

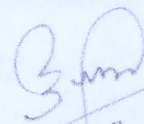
(A separate bounded copy Enclosed)

v. Any other information

B. Nageswara Rao  
SIGNATURE OF THE PRINCIPAL INVESTIGATOR

Lecturer in PHYSICS  
S.G.A.Govt. Degree College  
YELLAMANCHILI - 531055



  
PRINCIPAL 11.11.2020

(Seal)  
Principal  
S.G.A. Govt Degree College  
YELLAMAN CHILI - 531 055  
Visakhapatnam District.

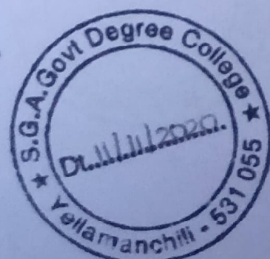
UNIVERSITY GRANTS COMMISSION  
BAHADUR SHAH ZAFAR MARG  
NEW DELHI – 110 002

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

1. Title of the Project Sol-gel synthesis and characterization of nickel (Ni) containing magnesium oxide (MgO) nano-powders
2. NAME AND ADDRESS OF THE PRINCIPAL INVESTIGATOR **Mr. NAGESWARARAO BUDIREDLA, Department of Physics**
3. NAME AND ADDRESS OF THE INSTITUTION S.G.A. Government Degree College, Yellamanchili – 531055, Visakhapatnam Dist., Andhra Pradesh.
4. UGC APPROVAL LETTER NO. AND DATE No. F MRP-6846/16 (SERO/UGC) & Dated 05 March 2018
5. DATE OF IMPLEMENTATION 01.04.2018
6. TENURE OF THE PROJECT 02 Years (2018 - 2020)
7. TOTAL GRANT ALLOCATED Rs. 345000-00
8. TOTAL GRANT RECEIVED Rs. 302500-00
9. FINAL EXPENDITURE Rs. 332351-00
10. TITLE OF THE PROJECT Sol-gel synthesis and characterization of nickel (Ni) containing magnesium oxide (MgO) nano-powders
11. OBJECTIVES OF THE PROJECT Attached as Separate Sheet
12. WHETHER OBJECTIVES WERE ACHIEVED Yes (GIVE DETAILS) Given as Separate Sheet
13. ACHIEVEMENTS FROM THE PROJECT Attached Separately.
14. SUMMARY OF THE FINDINGS (in 500 words). Provided Separately.
15. CONTRIBUTION TO THE SOCIETY (GIVE DETAILS) Nil
16. WHETHER ANY PH.D. ENROLLED/PRODUCED OUT OF THE PROJECT Nil
17. NO. OF PUBLICATIONS OUT OF THE PROJECT Nil (PLEASE ATTACH)

B. Nageswararao  
(PRINCIPAL INVESTIGATOR)

Lecturer in PHYSICS  
S.G.A. Govt. Degree College  
YELLAMANCHILI - 531055



(PRINCIPAL)

(Seal)

Principal  
S.G.A. Govt Degree College  
YELLAMANCHILI - 531055  
Visakhapatnam District.

UNIVERSITY GRANTS COMMISSION  
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NEW DELHI – 110 002

ASSESSMENT CERTIFICATE  
(to be submitted with the proposal)

It is certified that the proposal entitled "Sol-gel synthesis and characterization of nickel (Ni) containing magnesium oxide (MgO) nano-powders" by Mr. NAGESWARARAO BUDIREDLA

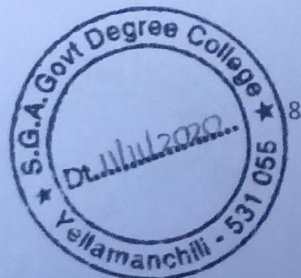
Deptt. of PHYSICS, S.G.A. Yellamanchili, Visakhapatnam  
Govt. Degree College, Dist. Has been assessed  
By ASSESSMENT committee consisting the following members for  
submission to the UGC Regional Office  
UGC-SERO, HYDERABAD for financial support under the scheme of Minor  
Research Projects:

Details of Expert Committee:

1. Dr. T. Bhushan Rao (Lecturer in Zoology) *B. Bhushan Rao*
2. Mr. S.M. Rafiuddin (Lecturer in Physics)
3. Dr. V.K.T. Mahalakshmi (Lecturer in Telugu) *V.K.T. Mahalakshmi*
4. Dr. B. Laxmi (Lecturer in Hindi) *B. Laxmi*
5. Lt. V. Rajasekhar (Lecturer in Economics) *V. Rajasekhar*

The proposal is as per the guidelines.

Lecturer in P. Nageswar Rao  
S.G.A. Govt. Degree College  
YELLAMANCHILI - 531055



*B. Bhushan Rao*  
(PRINCIPAL) 11.11.2020

(Seal)

Principal  
S.G.A. Govt Degree College  
YELLAMANCHILI - 531055  
Visakhapatnam District.

O/o Regional Joint Director Of Collegiate Education , Rajamahendravaram

Name of the College : S.G.A. GOVT. DEGREE COLLEGE YELLAMANCHILI

Name of the schemes :

MRP

S.NO	Zone	Name of the District	Plan	Sanctioned	Released	Expenditure	Balance	CC Submitted or Not	Settlement Certificate issued	Remarks
	3	ANAKAPALLE	XII	345000/-	302500/-	322351/-	291551/-	submitted	NO	
Sub-Schemes										
1		Books and Journals	XII	10000/-	10000/-	10051/-	NIL-	submitted		
2		Equipment, if needed	XII	250000/-	250000/-	280093/-	NIL-	submitted		
3		Field work & Travel	XII	20000/-	10000/-	20559/-	10000/-	submitted		
4		Chemicals & Glassware	XII	30000/-	15000/-	29851/-	14851/-	submitted		
5		Contingency(including special needs)	XII	10000/-	5000/-	10427/-	8000/-	submitted		
6		Hiring services	XII	25000/-	12800/-	12500/-	NIL-	submitted		

V. Padmanabha  
16/6/22

*P. Cassin*  
Principal  
S.G.A. Govt. Degree College  
Yellamanchili - 531 055  
Anakapalli District. (A.P.)