



UNIVERSITY GRANTS COMMISSION  
SOUTH EASTERN REGIONAL OFFICE(SERO), APSFC BUILDING 4TH FLOOR  
CHIRAG ALI LANE, HYDERABAD-500 001  
PHONE : (040-23204735) FAX : (040-23204734)

File No. MRP-2544/08 (UGC-SERO)

Link No 2544

18/03/2008

The Accounts Officer  
South Eastern Regional Office  
University Grants Commission  
Hyderabad- 500 001

Sub: Financial Assistance to Minor Research Project – Approval-cum-sanction-release of first installment -regarding

Sir,

This has reference to the Minor Research Project proposal submitted by DR BRINIVAS KASTGORI Department of COMMERCE entitled INDIAN PUBLIC SECTOR BANKS IN THE HIGH-TECH ENVIRONMENT CHALLENGES AHEAD A CASE STUDY OF STATE BANK GROUP IN HYDERABAD DISTRICT OF ANDHRA PRADESH of V V COLLEGE HYDERABAD for financial assistance under the above scheme and to say that the Commission has approved a grant of Rs. 58000 to the Principal Investigator (PI) for undertaking the above mentioned Minor Research Project as per the items of expenditure listed below:

NAME OF THE ITEM	AMOUNT ALLOCATED (RS.)	AMOUNT SANCTIONED NOW(RS.)
<b>NON-RECURRING GRANT</b>		
BOOKS & JOURNALS	18000	18000
EQUIPMENT	0	0
<b>RECURRING GRANT</b>		
CONTINGENCY	20000	6400
FIELDWORK/TRAVEL	20000	6400
CHEMICALS/GLASS WARES	0	0
COMPUTER HIRING CHARGES		0
SPECIAL NEEDS	0	0
<b>TOTAL</b>	<b>58000</b>	<b>30800</b>

The grant is subject to the terms and conditions as contained in Annexure-I and the conditions as given below.

1. I am further to convey the sanction of the University Grants Commission to the payment of Rs. 30800 to The Principal, V V COLLEGE HYDERABAD as first installment towards the above project.
2. The sanctioned amount is debit able to the major head of account 4(ii)b and is valid for payment during the financial year 2007-2008 only.
3. The amount of the grant shall be drawn by the Accounts Officer, UGC- South Eastern Regional Office, Hyderabad on the Grants-in-aid bill and shall be disbursed to and credited to The Principal V V COLLEGE HYDERABAD through Cheque/Demand Draft/Mail Transfer.
4. In case the Principal Investigator has been transferred /left/Retired from the college, the Demand Draft may be sent back to UGC-SERO immediately by Speed Post /Registered Post within a week from the receipt of this letter.
5. The University/College/Institute shall maintain a Register of Assets acquired wholly or substantially out of the Grants in the prescribed form.
6. The grantee institution shall ensure the Utilization of grants-in -aid for which it is being sanction/paid. In case of non-Utilization/part utilization, or mis-utilization of grants sanctioned by the Commission for the purpose for which these were approved and in accordance with the terms and conditions of the approval or does not furnish the required documents or is disaffiliated from the University the entire amount paid by the Commission shall be refunded by the College with 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 Government of India will be charged.


7. **The grant should not be used for Self-Financing/Unaided Courses/teachers.**
8. In case the terms and conditions as above and in Annexure-I are acceptable to the College and the Principal Investigator, the enclosed certificate at Annexure-II be sent to this office immediately. Otherwise, the Demand Draft enclosed be sent back to this office within a week from the receipt of this letter by Speed Post / Registered Post.
9. The assets acquired wholly or 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 grant was given, without proper sanction of the University Grants Commission and should, at any time the College ceased to function, such assets shall revert to the University Grants Commission.
10. The College shall maintain a Register of Assets acquired wholly or substantially out of the Grant in the prescribed form.
11. The College 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 issues in exercise of the delegation of powers vide Commission Office Order No.25/92 dated May 01, 1992.
13. The Principal Investigator of the Project is required to submit the First year Progress Report along with Audited UC signed by CA and Statement of Expenditure for the first instalment of grant received immediately on completion of one year of the project.

Yours faithfully,

(Dr.G.S.Chauhan)  
Education Officer

Copy to:

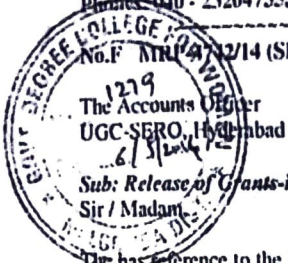
1. The Principal (along with Demand Draft)  
V V COLLEGE  
HYDERABAD 500095
2. DR SRINIVAS KASTOORI  
Department of COMMERCE  
V V COLLEGE  
HYDERABAD 500095
3. The Commissioner of Collegiate Education  
Government of ANDHRA PRADESH
4. The Accountant General  
Government of ANDHRA PRADESH
5. The Dean  
College Development Council  
OSMANIA UNIVERSITY

  
(Dr.G.S.Chauhan)  
Education Officer



UNIVERSITY GRANTS COMMISSIONS -SOUTH EASTERN REGIONAL OFFICE  
5-9-194, CHIRAG ALI LANE, IV FLOOR, A.P.S.F.C. BUILDING, HYDERABAD -500 001

Phone: 040 - 23204735, 23200208 FAX: 040 - 23204734, Website: [www.ugc.ac.in](http://www.ugc.ac.in), email: [ugcsero@gmail.com](mailto:ugcsero@gmail.com)



No. F. 1279/14 (SERO/UGC)

March 2014

Comcode: APOS024

Category: GEN

Sub: Release of Grants-in-aid to Minor Research Projects for the year 2013-2014.

Sir / Madam

The has reference to the Minor Research Project proposal submitted by DR VIJAYA RAGHAVI.N Department of ECONOMICS of GOVT.DEGREE COLLEGE FOR WOMEN NALGONDA NALGONDA DISTRICT entitled "IMPACT OF MINREGA ON AGRICULTURAL WAGES: AS STUDY OF ANDHRA PRADESH ". 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	30000.	30000.
2.	Equipment	40000.	40000.
	Total	70000.	70000.
3.	Field work & Travel	100000.	50000.
4.	Chemical & Glass Ware	0 0	0 0
5.	Contingency (incl. Special Needs)	60000.	30000.
6.	Hiring Services	0 0	0 0
	Total	160000.	80000.
	Grand Total	230000.	150000.

1. I am further to convey the sanction of the University Grants Commission to the payment of Rs.150000. to the principal, GOVT.DEGREE COLLEGE FOR WOMEN,NALGONDA,NALGONDA DISTRICT as first installment (100% Non-Recurring and 50% Recurring grants) towards the above project.

GRANTS IN AID (31)

Amount Sanctioned	SC (15%) 2D(i)	ST (7.5%) 2D(ii)	General (77.5%) 5(Viii)
Rs.70000/-	Rs.10500. /-	Rs.5250./-	Rs.54250.

CAPITAL (35)

Amount Sanctioned	SC (15%) 2D(i)	ST (7.5%) 2D(ii)	General (77.5%) 5(Viii)
Rs.80000./-	Rs12000. /-	Rs6000./-	Rs.62000./-

2. The above approval is subject to the general conditions of grants prescribed by the UGC for this scheme.
3. The amount of the grant shall be drawn by the Accounts Officer, SERO-UGC, Hyderabad and on the Grants-in-Aid bill and shall be disbursed to and credited to the Principal of the College through Electronic mode. The sanction is valid for payment for the year 2013-2014.
4. In case the Principal investigator is having ongoing Major/Minor Research Project OR has been transferred/lef/retired from the college, the released amount may be returned to UGC-SERO, Hyderabad immediately.
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



UNIVERSITY GRANTS COMMISSION  
SOUTH EASTERN REGIONAL OFFICE  
5-A-194, CHERAG ALI LANE, IV FLOOR, A.P.S.F.C. BUILDING, HYDERABAD - 500 001  
Phone: 041 - 23204731, 23202209 FAX: 041 - 23204734  
Website: www.ugc.ac.in, ugsero@gmail.com



No. F. 1052-12/14 (MER/PUGC-SERO)

NOVEMBER, 2015

The Accounts Officer  
South Eastern Regional Office  
University Grants Commission  
Hyderabad - 500 001

LENDING/RE. DEPT:ECONOMICS  
COMCODE: APOS024

Subj: Release of Grants-in-aid to The Principal GOVT.DEGREE COLLEGE FOR WOMEN NALGONDA NALGONDA DISTRICT 0 0 Under the Scheme "Minor Research Projects" - Reg.

Sir/Madam,

On the basis of the accounts received for the first installment grant, I am directed to convey the sanction of the Commission for the payment of Rs.64000 to The Principal GOVT.DEGREE COLLEGE FOR WOMEN NALGONDA NALGONDA DISTRICT 0 0 as second installment towards the Minor Research Project entitled IMPACT OF MNRGA ON AGRICULTURAL WAGES OF ANDHRA PRADESH awarded to DR VIJAYA RAGHAVAN Department of ECONOMICS as per the details given below:-

Item	Allocation (Rs.)	Amount sanctioned so far (Rs.)	Amount being sanctioned (Rs.)	Total amount sanctioned (Rs.)
Filing Services	00	00	00	00
Contingency	40000	30000	26000	56000
Chemicals	00	00	00	00
Travel Field Work	10000	5000	4000	9000
Refel	140000	80000	64000	144000
Equipments	40000	40000	00	40000
Books	30000	30000	00	30000
Total	700000	700000	00	700000
Grand Total	230000	150000	64000	214000

1. The Recurring grant is debit able to following head of account.

Amount Sanctioned	SC (10%) 3B GIA Gen.31	ST (9%) 3C GIA Gen.31	General (79%) 3A GIA Gen.31
Rs.64000.	Rs.10240.	Rs.5120.	Rs.48640.

- The sanctioned amount is debit able to the major Head General (31)- Minor Research Project and is valid for payment during the financial year 2015 - 2016 only.
- The amount of the grant shall be drawn by the Account Officer, SERO, UGC, Hyderabad (Drawing and Disbursing Officer), University Grants Commission on the Grants-in-aid bill and shall be disbursed to and credited to the Principal, GOVT.DEGREE COLLEGE FOR WOMEN NALGONDA NALGONDA DISTRICT 0 0 by banker through Cheque /Demand Draft/Mail Transfer.
- The Grant is subject to the Adjustment on the basis of Utilization Certificate in the prescribed Periods submitted by the College and other completion documents duly signed by all concerned.
- The University College shall maintain proper accounts of the expenditure out the Grants, which shall be utilized, only on approved items of expenditure.
- 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 the University Grants Commission as early as possible after the close of the current financial year. Balance grant will be released only on receipt of audited UC and Statement of Expenditure etc., signed by Chartered Accountant for the whole amount spent by the P.I.
- The assets acquired wholly or 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 Grant was given, without proper sanction of the University Grants Commission and should, at any time the College ceased to function, such assets shall revert to the University Grants Commission.
- The University College/Institute shall maintain a Register of Assets acquired wholly or substantially out of the Grants in the prescribed form.
- 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, or mis-utilization of grants sanctioned by the Commission for the purpose for which these were approved and in accordance with the terms and conditions of the approval or does not furnish the required documents or is disaffiliated from the University the entire amount paid by the Commission shall be refunded by the College @ 10% per annum as amended from time to time.

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.  
MRP-4742/14
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.
13. The guidelines of Minor Research Project have to be followed in toto.
14. The Grant is subject to the adjustment on the basis of Utilization Certificate I the prescribed proforma submitted by the University/Institution.
15. 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.
16. 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.
17. The college shall maintain a Register of Assets acquired wholly or substantially out of the grant in the prescribed proforma.
18. 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.,
19. The sanction issues in exercise of the delegation of powers vide Commission Office Order No. 130/2013 [F.No: 10—11/12 (Admn./ A& B) Dated 28.05.2013.

Yours faithfully,

O/c

(Dr.G.Srinivas)  
Joint Secretary

Copy to:

1. The Principal (Along with DD / Funds transferred through E-mode)  
GOVT.DEGREE COLLEGE FOR WOMEN  
NALGONDA, NALGONDA DISTRICT
2. DR. VIJAYA RAGHAVIN  
Dept. of ECONOMICS  
GOVT.DEGREE COLLEGE FOR WOMEN  
NALGONDA, NALGONDA DISTRICT
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

O/c

(Vamsika C)  
Education Officer

Gar Cap.SI.No.472./2013-2014 Gar GIA SI.No.605./2013-2014

Details of Payment by RTGS/NEFT to the College

The sanctioned grant of Rs. 150000. has been transferred to your college Account No 10710979606 at Bank SBI, RAMAGIRI NALGONDA-508001 with IFS Code;SBIN0006293 through RTGS/Direct Credit (CBS to CBS). The Canara Bank, Abids, Hyderabad (CNRB 000 0606) has confirmed the above transfer of funds to your college through RTGS/Direct Credit transaction vide UTR confirmation No. \_\_\_\_\_ Dated \_\_\_\_\_

Your are requested to confirm the receipt of the above amount in your account by sending back the enclosed stamped receipt with in 7 days.

O/c

(R.Rayappa)  
Accounts Officer

LINKNO: 4742.

time on unutilized amount from the date of drawl to the date of refund as per provisions contained in General Financial Rules of Government of India will be charged.

10. It may be noted that the accounts of the grant-in-aid institution shall be subject to inspection by Officers of the SERO, UGC, Hyderabad.
11. 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 U.C./Statement of expenditure to be furnished by grantee institution.
12. 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.
13. 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.
14. The sanction issues in exercise of the delegation of powers vide Commission Office Order No: 25/92 dated May 01,1992.
15. The funds to the extent are available under the Scheme.
16. No Extension will be given beyond two years of tenure.
17. The Principal Investigator of the Project has to send the final Technical Report to this office and a copy to The Director, Information and Library Networking Center (INFLIBNET), Opposite Gujarat University Guest House, Post Box No. 4116, Navarangapur, Ahmedabad - 380 009.
18. A certificate to the effect that books & journals and equipments purchased under the scheme have been deposited to college/institution in the departmental/central library after the completion of this project must be submitted to UGC.

With the release of Rs.64000.. as final/Second installment the account of the project has been be treated as ON GOING

Yours faithfully

(Dr.K.Samrajyalakshmi)  
Joint Secretary

Copy forwarded for information and necessary action to:

- (1) The Principal (through RTGS/DIRECT CREDIT/Demand Draft)  
GOVT.DEGREE COLLEGE FOR WOMEN NALGONDA  
NALGONDA DISTRICT-00 502/001.  
He/She is requested to abide by the instructions/guidelines of sanction order.
- (2) The Principal Accountant General, ANDHRA PRADESH State
- (3) The Dean, CDC, OSMANIA UNIVERSITY
- (4) DR VIJAYA RAGHAVIN  
Department of ECONOMICS  
GOVT.DEGREE COLLEGE FOR WOMEN  
NALGONDA, NALGONDA DISTRICT 00
- (5) The Commissioner/Director  
Collegiate Education  
Government of ANDHRA PRADESH

(G.K.Pasrija)  
Under Secretary

Gar GIA SLNo. 416 /2015-2016

The sanctioned grant of Rs.64000. has been transferred to your college Account No.10710979606 at Bank SBI RAMAGIRI NALGONDA-508001 with IFS Code: SBIN0006293 through RTGS/Direct Credit (CBS to CBS). The Canara Bank, Abids Hyderabad (CNRB 000 0606) has confirmed the above transfer of funds to your college through RTGS/DIRECT Credit transaction vide UTR confirmation No.

P15112476927492 dated 26.11.15

You are requested to confirm the receipt of the above amount in your account by sending back the enclosed stamped receipt within 7 days.

(R.Rayappa)  
Accounts Officer

PG-37  
24

GOVERNMENT OF TELANGANA  
COLLEGIATE EDUCATION DEPARTMENT

From  
The Principal  
Government Degree College for Women  
Ramagiri  
Nalgonda-508001

The Secretary  
UGC-SERO  
Chirag Ali Lane  
HYDERABAD-500001

Respected Sir,

Lr. Rc.no/ UGC/MRP/2014-15/ 135 dt 09-10-15

Sub: Govt Degree College for Women, Nalgonda- Minor Research Project for 2014-15- Submission of Annual Report- Regarding

Ref: 4742/14( SERO-UGC) dt March 2014

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With reference to the subject under reference cited, I herewith submit the Annual Report of Minor Research Project on the topic of "Impact of MNREGA on Agricultural Wages: A Study of Andhra Pradesh" as per the proforma desired by the UGC in respect of Dr. N. Vijaya Raghavi, Assistant Professor of Economics of this College.

This is for favour of your kind information in this regard.

Encl:

As above

*[Signature]*  
South Eastern Regional Office  
Hyderabad - 500 001

Yours Sincerely  
*[Signature]*  
PRINCIPAL  
Govt. Degree College for Women  
NALGONDA.

MRP  
Dr. Sharada Devi Dept. of Math



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](http://www.ugc.ac.in), email: [ugcsero@gmail.com](mailto:ugcsero@gmail.com)

No.F MRP-4766/14 (SERO/UGC)

March 2014

The Accounts Officer  
UGC-SERO, Hyderabad

Comcode: APOS047

Category: GEN

Sub: Release of Grants-in-aid to Minor Research Projects for the year 2013-2014.

Sir / Madam,

The has reference to the Minor Research Project proposal submitted by DR SHARADA DEVI Department of MATHEMATICS of VIVEK VARDHINI COLLEGE JAMBAGH HYDERABAD entitled "PERFORMANCE ANALYSIS OF MULTI-UNIT SYSTEMS-A STUDY OF 33/11 KV-SUB STATIONS". 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	100000.	100000.
2.	Equipment	50000.	50000.
	Total	150000.	150000.
3.	Field work & Travel	50000.	25000.
4.	Chemical & Glass Ware	0 0	0 0
5.	Contingency (incl. Special Needs)	50000.	25000.
6.	Hiring Services	150000.	75000.
	Total	250000.	125000.
	Grand-Total	400000.	275000.

1. I am further to convey the sanction of the University Grants Commission to the payment of Rs.275000. to the principal, VIVEK VARDHINI COLLEGE, JAMBAGH, HYDERABAD as first installment. (100% Non-Recurring and 50% Recurring grants) towards the above project.

GRANTS IN AID (31)

Amount Sanctioned	SC (15%) 2D(i)	ST (7.5%) 2D(ii)	General (77.5%) 5(Viii)
Rs.150000/-	Rs.22500. /-	Rs11250./-	Rs.116250.

CAPITAL (35)

Amount Sanctioned	SC (15%) 2D(i)	ST (7.5%) 2D(ii)	General (77.5%) 5(Viii)
Rs.125000./-	Rs18750. /-	Rs9375./-	Rs.96875./-

2. The above approval is subject to the general conditions of grants prescribed by the UGC for this scheme.
3. The amount of the grant shall be drawn by the Accounts Officer, SERO-UGC, Hyderabad and on the Grants-in-Aid bill and shall be disbursed to and credited to the Principal of the College through Electronic mode. The sanction is valid for payment for the year 2013-2014.
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 may be returned to UGC-SERO, Hyderabad immediately.
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. **MRP-4766/14**
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.
13. The guidelines of Minor Research Project have to be followed in toto.
14. The Grant is subject to the adjustment on the basis of Utilization Certificate I the prescribed proforma submitted by the University/Institution.
15. 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.
16. 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.
17. The college shall maintain a Register of Assets acquired wholly or substantially out of the grant in the prescribed proforma.
18. 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.,
19. The sanction issues in exercise of the delegation of powers vide Commission Office Order No. 130/2013 [F.No: 10—11/12 (Admn./ A& B) Dated 28.05.2013.

Yours faithfully,

O/c

(Dr.G.Srinivas)  
Joint Secretary

Copy to:

1. The Principal (Along with DD / Funds transferred through E-mode)  
VIVEK VARDHINI COLLEGE  
JAMBAGH, HYDERABAD -500095
2. DR. SHARADA DEVID  
Dept. of MATHEMATICS  
VIVEK VARDHINI COLLEGE  
JAMBAGH, HYDERABAD -500095
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

O/c

(Vamsika C)  
Education Officer

Gar Cap.SI.No.714./2013-2014 Gar GIA SI.No.847./2013-2014

Details of Payment by RTGS/NEFT to the College

The sanctioned grant of Rs. 275000. has been transferred to your college Account No 1076101050018 at Bank CB. M.I MARKET HYB with IFS Code: CNRB0001076 through RTGS/Direct Credit (CBS to CBS). The Canara Bank, Abids, Hyderabad (CNRB-000-0606) has confirmed the above transfer of funds to your college through RTGS/Direct Credit transaction vide UTR confirmation

No. \_\_\_\_\_

Dated \_\_\_\_\_

Your are requested to confirm the receipt of the above amount in your account by sending back the enclosed stamped receipt with in 7 days.

O/c

(R.Rayappa)  
Accounts Officer



UNIVERSITY GRANTS COMMISSION  
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](http://www.ugc.ac.in), [ugcsero@gmail.com](mailto:ugcsero@gmail.com)

No: F. MRP-4766/14 (MRP/UGC-SERO)

AUGUST, 2015

The Accounts Officer  
South Eastern Regional Office  
University Grants Commission  
Hyderabad - 500 001

LINKNO:4766. DEPT:MATHEMATICS  
COMCODE: APOS047

Sub: Release of Grants-in-aid to The Principal VIVEK VARDHINI COLLEGE JAMBAGH HYDERABAD500095. Under the Scheme "Minor Research Projects" - Reg.

Sir/Madam,

On the basis of the accounts received for the first installment grant, I am directed to convey the sanction of the Commission for the payment of Rs.100000. to The Principal, VIVEK VARDHINI COLLEGE JAMBAGH HYDERABAD 500095. as second installment towards the Minor Research Project entitled PERFORMANCE ANALYSIS OF MULTI-UNIT SYSTE OF 33/11 KV SUB STATIONS awarded to DR SHARADA DEVI.D Department of MATHEMATICS as per the details given below:-

Item	Allocation (Rs.)	Amount sanctioned so far (Rs.)	Amount being sanctioned (Rs.)	Total amount sanctioned (Rs.)
Hiring Services	150000.	75000.	60000.	135000.
Contingency	50000.	25000.	20000.	45000.
Chemicals	0 0	0 0	0 0	0 0
Travel/Field Work	50000.	25000.	20000.	45000.
<b>Total</b>	<b>250000.</b>	<b>125000.</b>	<b>100000.</b>	<b>225000.</b>
Equipment	50000.	50000.	0 0	50000.
Books	100000.	100000.	0 0	100000.
<b>Total</b>	<b>150000.</b>	<b>150000.</b>	<b>0 0</b>	<b>150000.</b>
<b>Grand Total</b>	<b>400000.</b>	<b>275000.</b>	<b>100000.</b>	<b>375000.</b>

1. The Recurring grant is debit able to following head of account.

Amount Sanctioned	SC (16%) 3B GIA Gen.31	ST (8%) 3C GIA Gen.31	General (76%) 3A GIA Gen.31
Rs.100000.	Rs.16000.	Rs.8000.	Rs.76000.

- The sanctioned amount is debatable to the major Head General (31)- Minor Research Project and is valid for payment during the financial year 2015 - 2016 only.
- The amount of the grant shall be drawn by the Account Officer, SERO, UGC, Hyderabad (Drawing and Disbursing Officer), University Grants Commission on the Grants-in-aid bill and shall be disbursed to and credited to the Principal, VIVEK VARDHINI COLLEGE JAMBAGH HYDERABAD 500095. by him/her through Cheque /Demand Draft/Mail Transfer.
- The Grant is subject to the Adjustment on the basis of Utilization Certificate in the prescribed Performa submitted by the College and other completion documents duly signed by all concerned.
- The University/College shall maintain proper accounts of the expenditure out the Grants, which shall be utilized, only on approved items of expenditure.
- 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 the University Grants Commission as early as possible after the close of the current financial year. Balance grant will be released only on receipt of audited UC and Statement of Expenditure etc., signed by Chartered Accountant for the whole amount spent by the P.I.
- The assets acquired wholly or 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 Grant was given, without proper sanction of the University Grants Commission and should, at any time the College ceased to function, such assets shall revert to the University Grants Commission.
- The University/College/Institute shall maintain a Register of Assets acquired wholly or substantially out of the Grants in the prescribed form.
- The grantee institution shall ensure the Utilization of grants-in -aid for which it is being sanction/paid. In case of non-Utilization/part utilization, or mis-utilization of grants sanctioned by the Commission for the purpose for which these were approved and in accordance with the terms and conditions of the approval or does not furnish the required documents or is disaffiliated from the University the entire amount paid by the Commission shall be refunded by the College @ 10% per annum as amended from time to

LINKNO: 4766.

time on unutilized amount from the date of drawl to the date of refund as per provisions contained in General Financial Rules of Government of India will be charged.

It may be noted that the accounts of the grant-in-aid institution shall be subject to inspection by Officers of the SERO, UGC, Hyderabad.

1. 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 U.C./Statement of expenditure to be furnished by grantee institution.
2. 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.,
13. 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.
14. The sanction issues in exercise of the delegation of powers vide Commission Office Order No: 25/92 dated May 01,1992.
15. The funds to the extent are available under the Scheme.
16. No Extension will be given beyond two years of tenure.
17. The Principal Investigator of the Project has to send the final Technical Report to this office and a copy to The Director, Information and Library Networking Center (INFLIBNET), Opposite Gujarat University Guest House, Post Box No. 4116, Navarangapur, Ahmedabad - 380 009.
18. A certificate to the effect that books & journals and equipments purchased under the scheme have been deposited to college/institution in the departmental/central library after the completion of this project must be submitted to UGC.

With the release of Rs.100000. as final/Second installment the account of the project has been treated as ON GOING

Yours faithfully

(Dr.K.Samrajyalakshmi)  
Joint Secretary

Copy forwarded for information and necessary action to:

- (1) The Principal (through RTGS/DIRECT CREDIT/Demand Draft)  
VIVEK VARDHINI COLLEGE JAMBAGH  
HYDERABAD 500095.  
He/She is requested to abide by the instructions/guidelines of sanction order.
- (2) The Principal Accountant General, ANDHRA PRADESH State
- (3) The Dean, CDC, OSMANIA UNIVERSITY
- (4) DR SHARADA DEVI.D  
Department of MATHEMATICS  
VIVEK VARDHINI COLLEGE  
JAMBAGH, HYDERABAD 500095.
- (5) The Commissioner/Director  
Collegiate Education  
Government of ANDHRA PRADESH

  
(G.K.Pasija)  
Under Secretary

Gar GIA Sl.No.

/2015-2016

The sanctioned grant of Rs.100000. has been transferred to your college Account No.1076101050018 at Bank CB MJ MARKET HYB with IFS Code:

CNRB0001076 through RTGS/Direct Credit (CBS to CBS). The Canara Bank, Abids Hyderabad (CNRB 000 0606) has confirmed the above transfer of funds to your college through RTGS/DIRECT Credit transaction vide UTR confirmation No. \_\_\_\_\_ dated \_\_\_\_\_.

You are requested to confirm the receipt of the above amount in your account by sending back the enclosed stamped receipt within 7 days.

(R.Rayappa)  
Accounts Officer



UNIVERSITY GRANTS COMMISSION  
SOUTH EASTERN REGIONAL OFFICE, A.P.S.F.C. Building (4th Floor) 5-9-194,  
P.B. No.152, Chirag-Ali-Lane HYDERABAD- 500 001  
Ph: 040-23204735 Fax: 040-23204734 Email: [ugcsero@gmail.com](mailto:ugcsero@gmail.com)

F.NO:4-4/2014-15(MRP-SEM/UGC-SERO)

NOVEMBER 2014

MOST URGENT

The Principal  
GOVT. DEGREE COLLEGE FOR WOMEN  
BEGUMPET  
SECUNDERABAD 500016

PROPOSAL NUMBER: 519.

Sir/ Madam,

This has reference to the Minor Research Project titled "RUN- UP FLOW OF NON-NEWTONIAN FLUIDS" submitted by DR. MALLESWARI.D Department of MATHEMATICS of your college. In this regard I am to inform you that the UGC has provisionally considered the proposal for financial assistance of Rs. 170000.

In case the Principal Investigator is interested in undertaking the project, the enclosed acceptance Certificate may be filled in and sent along with the bank details of the college in the prescribed proforma (enclosed) to this office immediately. In addition to this the college is required to submit the following tick marked documents in case not sent early:

- (1) Copy of 2(f) & 12(B) certificate issued by the UGC, New Delhi (for unaided/Self Financing colleges).
- (2) Assessment certificate duly signed by all the members.
- (3) Fee charge certificate signed by the Principal & Registrar of the affiliating University (applicable for Unaided/Self-Financing colleges). It may be noted that the college may not send the particulars of fees charged.

The proposal number as stated above must be invariably mentioned in the forwarding letter & Acceptance Certificate.

Encls: As mentioned

Yours faithfully,

(Dr.G.Srinivas)  
Joint Secretary

Copy to:  
DR. MALLESWARI.D  
Department of MATHEMATICS  
GOVT. DEGREE COLLEGE FOR WOMEN  
BEGUMPE  
SECUNDERABAD 500016

(Dr.G.Srinivas)  
Joint Secretary

*1. C. Lakshmi*  
*2. D. S. Lakshmi*  
*3. M. Lakshmi*



ICABS19

# International Conference

on

## Advances in Basic Sciences



Feb. 7-9, 2019

PID: 0-012

### Certificate

*This is to certify that*

*D. Malleswari*

*of*

*Department of Mathematics, Vivekananda Degree college, Hyderabad,  
500007, Telangana State, India.*

*has participated and presented a research paper in*

*"International Conference on Advances in Basic Sciences (ICABS19)"*

*organized by*

*GDC Memorial College, Bahal, District Bhiwani (Haryana) India*

*during February 7-9, 2019*



**Dr. Sanjay**  
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Principal

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Director, BRCM Edu. Society

95

# Heat and mass transfer effects on chemical reacting fluid flow past an exponentially accelerated vertical plate

Cite as: AIP Conference Proceedings 2142, 170005 (2019); <https://doi.org/10.1063/1.5122602>  
Published Online: 29 August 2019

K. Sarada, D. Malleswari, and R. Srinivasa Raju



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# Heat And Mass Transfer Effects On Chemical Reacting Fluid Flow Past An Exponentially Accelerated Vertical Plate

K. Sarada<sup>1</sup>, D. Malleswari<sup>2</sup> and R. Srinivasa Raju<sup>3, a)</sup>

<sup>1</sup> Department of Mathematics, Govt. City Degree College, Nayapool, Hyderabad, 505481, Telangana State, India.

<sup>2</sup> Department of Mathematics, Vivekananda Degree college, Hyderabad, 500007, Telangana State, India.

<sup>3</sup> Department of Mathematics, GITAM, Hyderabad Campus, Rudraram, Medak (Dt), 502329, Telangana State, India.

<sup>a)</sup>Corresponding author: srivass999@gmail.com

**Abstract.** In this work finite element solutions of unsteady magneto hydrodynamic chemically reacting fluid flow past an exponentially vertical plate in presence of heat transfer and mass transfer effects studied. The flow problem is directed by coupled non-linear partial differential equations with appropriate boundary conditions and are solved by finite element method. A parametric study is carried out for the velocity, temperature and concentration profiles within the boundary layer are discussed.

## 1. INTRODUCTION

In mathematics, the finite element method (FEM) is a mathematical technique for finding estimated solutions to boundary value problems for partial differential equations. It uses subdivision of a whole problem domain into simpler parts, called finite elements, and variational methods from the calculus of variations to solve the problem by minimizing an associated error function. Analogous to the idea that connecting many tiny straight lines can approximate a larger circle, FEM encompasses methods for connecting many simple element equations over many small sub-domains, named finite elements, to approximate a more complex equation over a larger domain. Jithender Reddy et al. [1] investigated the combined effects of thermal diffusion and diffusion thermo impact on chemical reacted MHD free convection from an impulsively started infinite vertical plate embedded in a porous medium using finite element method. Finite element solutions of MHD free convective casson fluid flow past a vertically inclined plate submitted in magnetic field in presence of heat and mass transfer studied by Srinivasa Raju et al. [2]. Srinivasa Raju [3] studied transfer effects on an unsteady MHD free convective flow past a vertical plate with chemical reaction. influence of angle of inclination on unsteady MHD casson fluid flow past a vertical surface filled by porous medium in presence of constant heat flux, chemical reaction and viscous dissipation studied by Srinivasa Raju et al. [4]. Murthy et al. [5] discussed the effects of heat and mass transfer magnetohydrodynamic natural convective flow past an infinite vertical porous plate in presence of thermal radiation and hall current using finite element method. The results of thermal radiation and heat source on an unsteady MHD free convective fluid flow over an infinite vertical plate in occurrence of thermal diffusion and diffusion thermo were discussed by Raju et al. [6]. Casson fluid free convection flow past an infinite vertical plate filled in magnetic field in presence of angle of inclination and thermal radiation studied by Srinivasa Raju [7]. Unsteady MHD Couette flow of water at 4°C in a rotating system in presence of heat transfer with ramped temperature via finite element method studied by Jithender Reddy et al. [8]. Muthucumaraswamy and Valliammal [9] studied chemical reaction effect on MHD flow past an exponentially accelerated vertical plate with variable temperature and mass diffusion. The aim of the present investigation is therefore, to study the effect of chemical reaction on unsteady MHD flow past an exponentially accelerated vertical plate in presence of variable temperature numerically. Some of them are Srinivasa Raju and his co-authors ([10]-[14]). The coupled non-linear partial differential equations with suitable boundary conditions are solved by Finite element method. The numerical results are carried out and graphical results for the velocity, temperature and concentration profiles within the boundary layer are discussed.

## Heat and Mass Transfer Analysis on Mud Radiating Flow in Presence of Natural Convection, Porous Medium and Viscoelastic Rivlin-Ericksen Fluid through Numerical Solutions

D. Malleswari\*

\*Department of Mathematics, Government Degree College for Women, Begumpet, Hyderabad, Telangana State, India.

Corresponding Author: D. Malleswari\*

**Abstract:** An investigation is carried out on unsteady magnetohydrodynamic (MHD) natural convection in a boundary layer flow of an electrically conducting fluid through porous medium subject to uniform transverse magnetic field over a moving infinite vertical plate in the presence of thermal radiation, heat absorption and chemical reaction. The fundamental equations for governing flow through porous medium based on viscoelastic Rivlin-Ericksen fluid model. The basic governing partial differential equations for the fluid flow, temperature and concentration profiles are reduced to a system of coupled linear partial differential equations. The derived coupled linear partial differential equations and corresponding boundary conditions are solved numerically by finite difference method. To exhibit the effects of the controlling parameters on the dimensionless velocity, temperature, concentration profiles, local skin-friction, local Nusselt and local Sherwood numbers coefficients, numerical results are presented in graphical and tabular forms.

**Keywords:** MHD; Viscoelastic Rivlin-Ericksen fluid; Thermal Radiation; Heat and Mass transfer; Finite difference method;

Date of Submission: 28-05-2018

Date of acceptance: 11-06-2018

### Nomenclature:

#### List of variables:

$C'_w$	Concentration of the plate ( $Kg\ m^{-3}$ )
$y$	Dimensionless displacement ( $m$ )
$T'_e$	Fluid temperature away from the plate ( $K$ )
$u'$	Velocity component in $x'$ - direction ( $m\ s^{-1}$ )
$x'$	Coordinate axis along the plate ( $m$ )
$y'$	Co-ordinate axis normal to the plate ( $m$ )
$C'$	Fluid Concentration ( $Kg\ m^{-3}$ )
$T'$	Fluid temperature ( $K$ )
$T'_w$	Fluid temperature at the wall ( $K$ )
$B_0$	Uniform magnetic field (Tesla)
$C'_\infty$	Concentration of the fluid far away from the plate ( $Kg\ m^{-3}$ )
$u$	Fluid velocity ( $m\ s^{-1}$ )
$Gc$	Grashof number for mass transfer
$Sh$	The local Sherwood number coefficient
$R$	Thermal radiation parameter
$g$	Acceleration of gravity, $9.81\ (m\ s^{-2})$
$Gr$	Grashof number for heat transfer
$M$	Magnetic field parameter
$Pr$	Prandtl number



Re	Reynolds number
Sc	Schmidt number
D	Solute mass diffusivity ( $m^2 s^{-1}$ )
$C_p$	Specific heat at constant pressure ( $J Kg^{-1}K$ )
Nu	The local Nusselt number coefficient
$C_f$	The local skin-friction coefficient ( $N m^{-2}$ )
t	Time (sec)
$k_e$	Mean absorption coefficient
$U_o$	Reference velocity ( $m s^{-1}$ )
Kr	Chemical reaction parameter
Q	Heat sink parameter
K	Permeability parameter
$q_r$	Radiative heat flux

**Greek Symbols:**

$\nu$	Kinematic viscosity ( $m^2 s^{-1}$ )
$\phi$	Species concentration ( $Kg m^{-3}$ )
$\rho$	The constant density ( $Kg m^{-3}$ )
$\beta$	Volumetric coefficient of thermal expansion ( $K^{-1}$ )
$\beta^*$	Volumetric Coefficient of thermal expansion with concentration ( $m^3 Kg^{-1}$ )
$\theta$	Fluid temperature ( $K$ )
$\tau'_w$	Shear stress ( $N m^{-2}$ )
$\sigma$	Electric conductivity of the fluid ( $s m^{-1}$ )
$\beta_1$	Kinematic viscoelasticity
$\sigma_s$	Stefan-Boltzmann constant
$\kappa$	Thermal conductivity of the fluid ( $W / mK$ )

**Superscripts:**

'	Dimensionless properties
---	--------------------------

**Subscripts:**

$\infty$	Free stream conditions
p	Plate
w	Conditions on the wall

**I. Introduction**

The study of heat and mass transfer with chemical reactions is of great practical importance to engineers and scientists because of its almost universal occurrence in many branches of science and engineering. The flow of a fluid past a wedge is of fundamental importance since it constitutes a general and wide class of flows in which the free stream velocity is proportional to the power of the length coordinate measured from the stagnation point. All industrial chemical processes are designed to transform cheaper raw materials to high value products (usually via chemical reactions). A "reactor", in which such chemical transformations take place, has to carry out several functions like bringing reactants into intimate contacts, providing an appropriate environment (temperature and concentration fields) at adequate time, and allowing for the removal of products. Fluid dynamics plays a pivotal role in establishing the relationship between the reactor hardware and the reactor

## Influence of Viscoelastic Rivlin-Ericksen Fluid On Free Convective Flow Past A Vertical Plate Filled In Porous Medium In Presence of Transverse Magnetic Field And Double Diffusion Effects

D. Malleswari\*

\*Department of Mathematics, Government Degree College for Women, Begumpet, Hyderabad, Telangana State, India.

Corresponding Author: D. Malleswari\*

**Abstract:** The aim of this work is to study the combined effects of transverse magnetic field and double diffusion on unsteady boundary-layer flow of a viscous, incompressible, electrically conducting and two-dimensional heat-absorbing viscoelastic fluid flow past a semi-infinite vertical permeable plate in presence of free convection. The Rivlin-Ericksen model is employed to simulate the rheological liquids encountered in cooling of electronic devices, polymer solutions, hydrocarbons and chemical engineering processes. The plate is assumed to move with a constant velocity in the direction of fluid flow while the free stream velocity is assumed to follow the exponentially increasing small perturbation law. Time-dependent wall suction is assumed to occur at the permeable surface. The transport equations employed in the flow are governed by a coupled non-linear system of partial differential equations and include the engineering parameters. However, the exact solution is not possible for this set of partial differential equations and hence these equations solved by finite difference method. Numerical evaluation of the numerical results is performed and some graphical results for the velocity, temperature and concentration profiles within the boundary layer are discussed. Skin-friction coefficient, Nusselt numbers are also discussed with the help of numerical values presented in tabular forms. Limiting case results are obtained for the non-Newtonian fluid and compared with the literature.

**Keywords:** Viscoelastic Rivlin-Ericksen Fluid; Free Convection; Porous Medium; Double Diffusion; Magnetic Field; Finite Difference Method;

Date of Submission: 26-05-2018

Date of acceptance: 11-06-2018

### Nomenclature:

#### List of Variables:

$O$	Origin
$M$	Hartmann number
$C'$	Concentration of fluid near the plate ( $mol\ m^{-3}$ )
$D$	Chemical molecular diffusivity ( $m^2\ s^{-1}$ )
$g$	Acceleration of gravity, $9.81\ (m/s^2)$
$C_p$	Specific heat at constant pressure ( $J-K/Kg$ )
$B_o$	Magnetic field component along $y'$ – axis (Tesla)
$x', y'$	Coordinate system ( $m$ )
$Re_x$	Reynold's number
$U_o$	Reference velocity ( $m/s$ )
$Pr$	Prandtl number
$U_p$	Plate Velocity ( $m/s$ )
$Nu$	Nusselt number (or) Rate of heat transfer
$S$	Heat absorption parameter
$Gc$	Grashof number for mass transfer
$x, y$	Dimensionless coordinates ( $m$ )

- $Q_0$  Dimensional Heat absorption parameter
- $C'_\infty$  Concentration of the fluid at infinity ( $mol\ m^{-3}$ )
- $u, v$  Components of velocities along and perpendicular to the plate respectively,  $x'$  – direction ( $m/s$ )
- $Gr$  Grashof number for heat transfer
- $C'_w$  Concentration of the fluid far away of the fluid from the plate  
( $mol\ m^{-3}$ )
- $Sc$  Schmidt number
- $Sh$  Sherwood number (or) Rate of mass transfer
- $V_0$  Suction velocity ( $m/s$ )
- $U_\infty$  Free stream velocity ( $m/s$ )
- $u'$  Velocity component in  $x'$  – direction ( $m/s$ )
- $t$  Time (*second*)
- $K$  The permeability parameter ( $m^2$ )
- $K'$  The permeability of medium ( $m^2$ )
- $T'_w$  Temperature of the fluid far away of the fluid from the plate ( $K$ )
- $T'_\infty$  Temperature of the fluid at infinity ( $K$ )
- $T'$  Temperature of fluid near the plate ( $K$ )
- $u'_p$  Dimensional Plate Velocity ( $m/s$ )
- $n'$  Dimensional exponential index
- $n$  An exponential index
- $y$  Dimensionless coordinate ( $m$ )
- Greek symbols**
- $\kappa$  Thermal conductivity of the fluid ( $W/mK$ )
- $\tau$  Skin-friction ( $N/m^2$ )
- $nt$  Phase angle (*degrees*)
- $\theta$  Non-dimensional temperature ( $K$ )
- $\lambda$  Viscoelastic fluid parameter
- $\nu$  Kinematic viscosity ( $m^2s^{-1}$ )
- $\sigma$  Electrical conductivity of the fluid ( $\Omega^{-1}m^{-1}$ )
- $\rho$  Density of the fluid ( $kg/m^3$ )
- $\phi$  Concentration of the fluid ( $mol\ m^{-3}$ )
- $\beta^*$  Coefficient of volume expansion for mass transfer ( $m^3\ Kg^{-1}$ )
- $\beta$  Coefficient of volume expansion for heat transfer ( $K^{-1}$ )
- $\beta_1$  Kinematic viscoelasticity
- $\varepsilon$  A positive constant
- Superscripts**
- ' Dimensionless properties
- Subscripts**
- $w$  Wall condition
- $p$  Plate
- $\infty$  Free stream condition



**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](http://www.ugc.ac.in), email: [ugcsero@gmail.com](mailto:ugcsero@gmail.com)

No.F MRP-5685/15 (SERO/UGC)

JANUARY 2015

The Accounts Officer  
 UGC-SERO, Hyderabad

Linkno:5685. Comcode: APOS002

**Sub: Release of Grants-in-aid to Minor Research Projects for the year 2014-2015.**  
 Sir / Madam,

The has reference to the Minor Research Project proposal submitted by MRS SRIDEVIJ Department of MICROBIOLOGY of GOVT. DEGREE COLLEGE FOR WOMEN BEGUMPET SECUNDERABAD entitled "DELECTION OF SUITABLE LIGNOCELLULOSIC SUBSTRATED F OR BIOETHANOL PRODUCTION ". 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.)
		10000.	10000.
1.	Books & Journals	150000.	150000.
2.	Equipment	160000.	160000.
	<b>Total</b>	10000.	5000.
3.	Field work & Travel	100000.	50000.
4.	Chemical & Glass Ware	20000.	10000.
5.	Contingency (incl. Special Needs)	00	00
6.	Hiring Services	130000.	65000.
	<b>Total</b>	290000.	225000.
	<b>Grand Total</b>		

- I am further to convey the sanction of the University Grants Commission to the payment of Rs.225000. to the principal, GOVT. DEGREE COLLEGE FOR WOMEN,BEGUMPET,SECUNDERABAD as first installment (100% Non-Recurring and 50% Recurring grants) towards the above project.

**CAPITAL (35)**

Amount Sanctioned	General (76%) 3A Cap.Asit (35)	SC (16%) 3B Cap.Asit (35)	ST (8%) 3C Cap.Asit (35)
Rs.160000.	Rs.121600.	Rs.25600.	Rs.12800.

**GRANTS IN AID (31)**

Amount Sanctioned	General (76%) 3A GIA Gen.31	SC (16%) 3B GIA Gen.31	ST (8%) 3C GIA Gen.31
Rs.65000.	Rs.49400.	Rs.10400.	Rs.5200.

- The above approval is subject to the general conditions of grants prescribed by the UGC for this scheme.
- The amount of the grant shall be drawn by the Accounts Officer, SERO-UGC, Hyderabad and on the Grants-in-Aid bill and shall be disbursed to and credited to the Principal of the College through Electronic mode. The sanction is valid for payment to the college during the year 2014-2015.
- In case the Principal Investigator is having ongoing Major/Minor Research Project OR has been transferred/left/retired from the college, or the terms and conditions of the scheme not accepted the released amount may be refunded to UGC-SERO, Hyderabad Immediately.
- 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.
- 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.

*Ugc Comr*  
*LP*  
*22/1/15*



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](http://www.ugc.ac.in), email: [ugcsero@gmail.com](mailto:ugcsero@gmail.com)

No.F MRP-5684/15 (SERO/UGC)

JANUARY 2015

The Accounts Officer  
UGC-SERO, Hyderabad

Linkno:5684. Comcode: APOS002

Sub: Release of Grants-in-aid to Minor Research Projects for the year 2014-2015.  
Sir / Madam,

The has reference to the Minor Research Project proposal submitted by MRS SRIDEVIN Department of ZOOLOGY of GOVT. DEGREE COLLEGE FOR WOMEN BEGUMPET SECUNDERABAD entitled "INFLUENCE OF NATURAL PRODUCTS ON STORED GRAIN PEST S". 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	40000.	40000.
2.	Equipment	250000.	250000.
	<b>Total</b>	<b>290000.</b>	<b>290000.</b>
3.	Field work & Travel	40000.	20000.
4.	Chemical & Glass Ware	50000.	25000.
5.	Contingency (incl. Special Needs)	30000.	15000.
6.	Hiring Services	10000.	5000.
	<b>Total</b>	<b>130000.</b>	<b>65000.</b>
	<b>Grand Total</b>	<b>420000.</b>	<b>355000.</b>

1. I am further to convey the sanction of the University Grants Commission to the payment of Rs.355000. to the principal, GOVT. DEGREE COLLEGE FOR WOMEN,BEGUMPET,SECUNDERABAD as first installment (100% Non-Recurring and 50% Recurring grants) towards the above project.

**CAPITAL (35)**

Amount Sanctioned	General (76%) 3A Cap.Asit (35)	SC (16%) 3B Cap.Asit (35)	ST (8%) 3C Cap.Asit (35)
Rs.290000.	Rs.220400.	Rs.46400.	Rs.23200.

**GRANTS IN AID (31)**

Amount Sanctioned	General (76%) 3A GIA Gen.31	SC (16%) 3B GIA Gen.31	ST (8%) 3C GIA Gen.31
Rs.65000.	Rs.49400.	Rs.10400.	Rs.5200.

2. The above approval is subject to the general conditions of grants prescribed by the UGC for this scheme.
3. The amount of the grant shall be drawn by the Accounts Officer, SERO-UGC, Hyderabad and on the Grants-in-Aid bill and shall be disbursed to and credited to the Principal of the College through Electronic mode. The sanction is valid for payment to the college during the year 2014-2015.
4. In case the Principal Investigator is having ongoing Major/Minor Research Project OR has been transferred/left/retired from the college, or the terms and conditions of the scheme not accepted the released amount may be refunded to UGC-SERO, Hyderabad immediately.
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.

Ugc Comms  
J.B.

UNIVERSITY GRANTS COMMISSION  
BAHADUR SHAH ZAFAR MARG  
NEW DELHI - 110002

Utilization Certificate

File No: 4-4/2013-14[MRP-SEM/UGC-SERO]

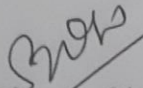
Name of the Principal Investigator: SAJIDA BEGUM

Lecturer in Commerce, IPGDC (W), NAMPALLY, HYDERABAD

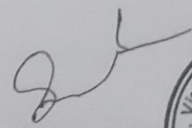
Title: METHODS OF TRAINING AND DEVELOPMENT IN GOVERNMENT DEGREE COLLEGES IN TELANGANA STATE.

Certified that grant of 2, 35, 000/- (Rupees Two lakh thirty five thousand only) sanctioned by the UGC with its file No. 4-4/2013-14[MRP-SEM/UGC-SERO].

Towards MRP (METHODS OF TRAINING AND DEVELOPMENT IN GOVERNMENT DEGREE COLLEGES IN TELANGANA STATE) has been utilized for the purpose for which the terms and conditions laid down by the Commission. If as a result of check or audit objection, some irregularity noticed at a later date, action will be taken to refund or regularize the objected amount.

  
Signature of the

Principal Investigator

  
Chartered Accountant  
With Seal & Stamp



Principal with Seal & Stamp

S. Vishweshwara Rao & Co.  
Chartered Accountants  
M. No: 206073  
Jeedimetla, Hyderabad.

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 Methods of Training and development in GDC, Telangana Region
2. NAME AND ADDRESS OF THE PRINCIPAL INVESTIGATOR Dr. Sajida Begum
3. NAME AND ADDRESS OF THE INSTITUTION IPGDC (W), Nampally, Hyd
4. UGC APPROVAL LETTER NO. AND DATE F.NO. 4-4/2013-14, 15.4.2014
5. DATE OF IMPLEMENTATION 1-05-2014
6. TENURE OF THE PROJECT 2 years
7. TOTAL GRANT ALLOCATED 2,35,000
8. TOTAL GRANT RECEIVED 1,45,000
9. FINAL EXPENDITURE 2,48,980
10. TITLE OF THE PROJECT Methods of Training and development in GDC
11. OBJECTIVES OF THE PROJECT to study methods of telangana Region Training and development in Telangana Region
12. WHETHER OBJECTIVES WERE ACHIEVED yes  
(GIVE DETAILS)
13. ACHIEVEMENTS FROM THE PROJECT Different methods can be used.
14. SUMMARY OF THE FINDINGS .....  
( IN 500 WORDS )
15. CONTRIBUTION TO THE SOCIETY .....  
( GIVE DETAILS )
16. WHETHER ANY PH.D. ENROLLED/PRODUCED OUT OF THE PROJECT.....
17. NO. OF PUBLICATIONS OUT OF THE PROJECT .....

Sajida  
( PRINCIPAL INVESTIGATOR )

(PRINCIPAL)

(Seal)

## UNIVERSITY GRANTS COMMISSION

BAHADUR SHAH ZAFAR MARG

NEW DELHI - 110002

## DETAILED STATEMENT OF EXPENDITURE IN RESPECT OF MINOR RESEARCH PROJECT

1. Name of the Principal Investigator: Dr SAJIDA BEGUM
2. Department: Commerce  
Name of the College: IPGDC for Women, Nampally, Hyderabad.
3. UGC: Approval letter Number and Circular Number : MRP-4769/14 (SERO/UGC), March 2014.
4. Title of the Research Project: Methods of Training and Development
5. Effective date of starting the Project: May 2014
6. a. Period of Expenditure: From 01-05-2014 to 30.3.2016

## b. Details of Expenditure:

Sl.No.	Item of Expenditure	Amount Allocated	Amount Sanctioned	Actual Expenditure
1	Equipment (Bill No. and Date) (1). 2866 May 11 <sup>th</sup> 2015	40,000.00	40,000.00	42,500.00
2	Books (Bill No. and Date) (1). 085 May 4 <sup>th</sup> 2015 (2). 243 June 8 <sup>th</sup> 2015 (3). 806 Sept 15 <sup>th</sup> 2015	20,000.00	20,000.00	20,380.00
3	Field work and Travel	1,00,000.00	50,000.00	1,05,600
4	Contingency	50,000.00	25,000.00	50,500.00
5	Hiring Services	25,000.00	12,500.00	25,000.00
6	Chemicals & Glassware	-	-	-
TOTAL		235,000.00	147,500.00	243980

*hsk*  
22/02/18  
University Grants Commission  
South Eastern Regional Office  
Hyderabad-500 001.

*AP* 28/4/16  
University Grants Commission  
South Eastern Regional Office  
Hyderabad-500 001.





M A Jawaid  
Deputy Director (R P)  
Tel # 011-26742351

**Indian Council of Social Science Research**  
(Ministry of Human Resource Development)  
J NU Institutional Area, Aruna Asaf Ali Marg  
New Delhi - 110067  
E-mail: info@icssr.org  
Website: [www.icssr.org](http://www.icssr.org)

F.No. 02/51/2011/RP

Dated: 13.12.2012

The Principal  
Vivek Vardhini (AN) College of Commerce and Arts,  
Jambagh, Koti,  
Hyderabad-500095 (AP)

**Subject: Research Project entitled "Country Experiences in Housing Finance: Study with special reference to Housing Schemes in Urban and Rural Areas for Low and Middle Income Groups in Andhra Pradesh".**

Dear Sir,

In continuation to our sanction order of even No. dated 25.03.12, a partial modification has been made in the budget heads of the above project sanctioned to Dr. Kastoori Srinivas, Senior Faculty, Department of Commerce, Vivek Vardhini (AN) College of Commerce and Arts, Jambagh, Hyderabad (AP).

I am directed to inform you that the ICSSR as per new guidelines has revised the financial allocation under various heads of expenditure in respect of research project. The percentage of break-up of expenditure to be incurred under each head for the research project shall be as under:

Expenditure Head	Percentage Allocation to Total Budget of the Study	Actual value as per the Study (In Rs.)
Full Time Research Staff	25%	2,20,913
Part-Time Assistance/ Hiring Charges	25%	2,20,913
Field work cost (Travel/Logistics/Lodging-Boarding etc.	30%	2,65,095
Source Materials/Software/Data Base etc.	7.5%	66,274
Office Equipment & Contingency	5%	44,183
Institutional Overheads	7.5%	66,274
<b>Total</b>	<b>100</b>	<b>Rs.8,83,650</b>

(Rupees eight lakh eighty three thousand six hundred and fifty only)

Cont'd

*[Signature]*  
20/12/12

**Note:**

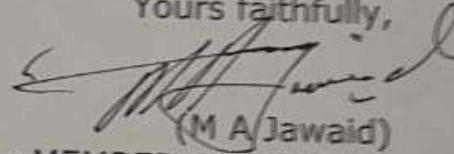
- a) Period of appointment of full time /part time staff to be decided as per upper limit of financial allocation under each head.
- b) Payment of full-time/part time research staff and other expenditure will be made as per rates approved by the ICSSR for different posts/heads as under:

- Research Associates Rs. 16,000/- pm
- Research Assistant Rs. 13,000/- pm
- Research Investigator Rs. 10,000/- pm
- Field work/Data collection Staff
  - i) Per Diem Rs. 600/- (per day) including food.
  - ii) Travel as per actual.
  - iii) Stay as per actual up to a maximum of Rs. 400/- per day.

Accordingly, the amount shall be spent as per the modified budget heads and rates as mentioned above. However, the total grant sanctioned for your research project and other terms and conditions will remain the same.

With Best regards,

Yours faithfully,

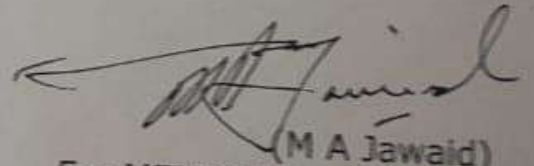


(M A Jawaid)

For MEMBER-SECRETARY

**Copy to:**

1. Dr. Kastoori Srinivas  
Senior Faculty  
Department of Commerce,  
Vivek Vardhini (AN) College of Commerce and Arts,  
Jambagh, Koti,  
Hyderabad-500095 (AP)
2. Finance Branch, ICSSR, New Delhi
3. Record file



(M A Jawaid)

For MEMBER-SECRETARY

PROCEEDINGS OF THE COMMISSIONER OF COLLEGIATE EDUCATION (FAC)  
TELANGANA :: HYDERABAD  
PRESENT: SMT.A VANI PRASAD, I.A.S.,

Re.No.29/Ser.II-1/2015

Dated: 06.07.2017

Sub:- TSCES – Dr.Chandra Mukherjee, Associate Professor in Hindi, Government Degree College (W), Begumpet, Hyderabad and deputation as ICCR Hindi Chair at University of West Indies, Port of Spain – Reposting on return from deputation – Orders - Issued.

- Read:- 1. G.O.(P).No.10 Fin & Plg. Department dated:22.01.1993.  
2. Lr.Rc.No.547/Est/2015, dated:14.02.2015 of the Principal, Government Degree College (W), Begumpet, Hyderabad  
3. This office Proceedings Rc.No.29/Ser.II-1/2015, dated:20.02.2015  
4. Lr.Rc.No.025/GDCWB/Est/2017, dated:17.05.2017 & Lr.Rc.No.069/GDCWB/Est/2017, dated:01.06.2017 of the Principal, Government Degree College (W), Begumpet, Hyderabad  
5. This office Proceedings Rc.No.29/Ser.II-1/2015, dated:20.06.2017  
6. Representation dated:03.07.2017 of Dr.Chandra Mukherjee, Lecturer in Hindi, GDC (W), Begumpet, Hyderabad

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In the circumstances stated by Dr.Chandra Mukherjee, Associate Professor in Hindi, Government Degree College (W), Begumpet, Hyderabad in her representation in reference 6<sup>th</sup> read above and in pursuance of the deputation as ICCR Hindi Chair at University of West Indies, Port of Spain accorded in reference 3<sup>rd</sup> and 5<sup>th</sup> read above, the following reposting is ordered in the TSCES with immediate effect:-

**“On return from deputation Dr.Chandra Mukherjee, Associate Professor in Hindi, Government Degree College for Women, Begumpet, Hyderabad is reposted as Lecturer in Hindi in the same college, in the existing vacancy”.**

The Principal, Government Degree College for Women, Begumpet, Hyderabad is requested to report the date of joining duty of the individual to this office promptly.

The receipt of these proceedings should be acknowledged by return of post.

(Orders issued with the approval of the Commissioner of Collegiate Education, Telangana, Hyderabad)

B.SWAMY  
for Commissioner of Collegiate Education

To  
Dr.Chandra Mukherjee, Associate Professor in Hindi,  
Government Degree College for Women, Begumpet, Hyderabad  
(through the Principal of the college)  
Copy to the Principal,  
Government Degree College for Women, Begumpet, Hyderabad  
Copy to Services – I section of this office for information.  
Spare – 1

// t.c.f.b.o.//

  
SUPERINTENDENT

23236351, 23232701, 23237721, 23234116  
23235733, 23232317, 23236735, 23239437



विश्वविद्यालय अनुदान आयोग  
बहादुरशाह जफर मार्ग  
नई दिल्ली-110 002  
UNIVERSITY GRANTS COMMISSION  
BAHADURSHAH ZAFAR MARG  
NEW DELHI-110 002

F. No. 5- 101/2012 (HRP)

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

12 4 JUL 2012

Sub:- UGC support for the Major Research Project in Humanities and Social Sciences to University/College Teachers - Project entitled, "Customer Satisfaction in Housing Finance: A study with special reference to ICICI Bank and State Bank of Hyderabad in Andhra Pradesh"

Sir,

I am to refer to your letter forwarding the application of **Dr. Kastoori Srinivas** of your institution for financial assistance under the above scheme and to convey the Commission's approval & sanction an on account grant of **Rs. 3,80,000/- (Rupees: Three lakhs eighty thousand only)** to the Principal, **Vivek Vardhini (Afternoon) College of Arts, Jambagh, HYDERABAD- 500 095, Andhra Pradesh** in r/o Major Research Project of **Dr. Kastoori Srinivas, Department of Commerce** for the period of **2 years w.e.f. 1.7.2012** as detailed below:-

S.No.	ITEMS	Amount Approved	Grant Released as 1st instalment	Category	
<b>A.</b>	<b>Non - Recurring</b>			<b>OBC</b>	
1.	Books & Journals	50,000/-	1,00,000/-		
2.	Equipment (Computer & Printer)	50,000/-			
<b>B.</b>	<b>Recurring</b>		2,80,000/-		
1.	Honorarium to Retd. Teacher @ Rs. 12,000/- p.m.	-----			
2.	Project Fellow @ Rs.14,000/- p.m.	-----			
3.	Contingency	1,00,000/-			
4.	Hiring Services	2,00,000/-			
5.	Travel/Field Work	2,00,000/-			
6.	Overhead Charges 10% of approved recurring Grant (Except Travel & Field Work)	30,000/-			
	<b>Total (A + B)</b>	<b>Rs. 6,30,000/-</b>	<b>Rs.3,80,000/-</b>		

The acceptance Certificate in prescribed format (Annexure-1 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.

to time on unutilized amount from the date of drawl to the date of refund as per provisions contained in General Financial Rules of Government of India will be charged.

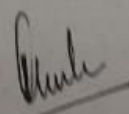
7. **The grant should not be used for Self-Financing/Unaided Courses/teachers.**
8. In case the terms and conditions as above and in Annexure-I are acceptable to the College and the Principal Investigator, the enclosed certificate at Annexure-II be sent to this office immediately. Otherwise, the Demand Draft enclosed be sent back to this office within a week from the receipt of this letter by Speed Post / Registered Post.
9. The assets acquired wholly or 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 grant was given, without proper sanction of the University Grants Commission and should, at any time the College ceased to function, such assets shall revert to the University Grants Commission.
10. The College shall maintain a Register of Assets acquired wholly or substantially out of the Grant in the prescribed form.
11. The College 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 issues in exercise of the delegation of powers vide Commission Office Order No.25/92 dated May 01, 1992.
13. The Principal Investigator of the Project is required to submit the First year Progress Report along with Audited UC signed by CA and Statement of Expenditure for the first instalment of grant received immediately on completion of one year of the project.

Yours faithfully,

(Dr.G.S.Chauhan)  
Education Officer

Copy to:

1. The Principal ( along with Demand Draft)  
V V COLLEGE  
HYDERABAD 500095
2. ✓ DR SRINIVAS KASTOORI  
Department of COMMERCE  
V V COLLEGE  
HYDERABAD 500095
3. The Commissioner of Collegiate Education  
Government of ANDHRA PRADESH
4. The Accountant General  
Government of ANDHRA PRADESH
5. The Dean  
College Development Council  
OSMANIA UNIVERSITY

  
(Dr.G.S.Chauhan)  
Education Officer

Pl. 1 15/10/18 O/K

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**INDIAN COUNCIL OF SOCIAL SCIENCE RESEARCH**  
(Ministry of Human Resource Development)  
Post Box No. 10028, Azad Ashraf Ali Marg  
New Delhi - 110067  
Fax: 91-11-26741036

F. No.M2/43/HS/2018-19/UC

Dated: 17.10.2018

The Principal  
Government Degree College  
Serilingampally, Ranga Reddy Dist.  
Hyderabad, Telangan-500085

**SANCTION ORDER**

Subject: Sanction of Rs.2,00,000/- for organizing a National Seminar/Conference on "Higher Education in India: Emerging Challenges"

Dear Sir/Madam,

Sanction of the Council is hereby accorded for the payment of Rs.2,00,000/- (Rupees two lakh only) to meet the expenditure on the above mentioned seminar/conference organised by Dr. Kandi Kamala during 30-31 January, 2019.

The sanctioned amount will be released in two installments as follows:

First installment:	Rs.	1,50,000/-
Second installment:	Rs.	50,000/-
<b>Total</b>	<b>Rs.</b>	<b>1,50,000/-</b>

The First installment of Rs.1,50,000/- will be released on receipt of the grant-in-aid bill (copy enclosed) duly signed and stamped by the competent authority of the Institution/College/University.

The second installment of Rs.50,000/- will be released only after receiving the proceedings of the seminar in a publishable form along with the following documents that may please be submitted at the earliest after holding the Seminar.

I. The complete proceedings (two hard bound copy) of the seminar/conference that should necessarily constitute of the following:

- List of the actual participants of the seminar.
- The exact titles & presenters of each of the session.
- Proceedings of Seminar with full papers.
- A note on the contribution of the seminar to the existing body of research.

II. The audited head-wise statement of accounts and utilization certificate in GFR (Form 12A-copy enclosed) for the entire expenditure incurred from the sanctioned amount. Both these needs to be duly certified by the Chartered Accountant/Finance Officer (in case of Central University), Convener and the Head of the concerned institution/college/university.

758-58  
12/10

Proceedings of the Commissioner of Collegiate Education  
& State Project Director (RUSA)

Present : Sri Navin Mittal, IAS

Rc. No. 09/Seminars/Workshops/2018-19

Dated 09.01.2019

**Sub: RUSA -Government Degree College, Serilingampally, BHEL, Hyderabad - Two Day National Seminar "Higher Education in India : Emerging Challenges" on 30.01.2019 & 31.01.2019 - Sanction Orders Issued for Rs. 50,000/- - Reg.**

**Ref: 1. Proposals of the Principal Government Degree College, Serilingampally, BHEL, Hyderabad.**

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In view of the circumstances reported in the reference cited, Commissioner of Collegiate Education & State Project Director, RUSA was pleased to issue orders for conduct of Two day National Seminar on "Higher Education in India : Emerging Challenges" on 30.01.2019 & 31.01.2019 at Government Degree College, Serilingampally, BHEL, Hyderabad. Sanction is hereby accorded for an amount of Rs.50,000/- (Rupees Fifty thousand only) towards conduct of the said programme.

On completion, the Principal is requested to submit the bills in original along with two copies of the brochures / material / documents with RUSA logo printed on it after getting it audited by a Chartered Accountant.


Sd/-

Commissioner of Collegiate Education  
& State Project Director (RUSA)

To  
The Principal  
Government Degree College,  
Serilingampally,  
BHEL, Hyderabad.

Copy to A.O. RUSA, - for further necessary action.

//tcfbo//

  
Administrative Officer  
State Project Director:  
RUSA

**TELANGANA STATE COUNCIL OF HIGHER EDUCATION**  
(A Statutory Body of the Government of T.D.)

Opp. Mahavir Hospital, Mahavir Marg, Maanb Tank, Hyderabad - 500 028.

Ph & Fax : 040-23331117

e-mail : secretarytsche@gmail.com, wobollo : www.tsche.ac.in, www.tsche.cgg.gov.in

Dr.N.SRINIVASA RAO  
SECRETARY

Lr.No.TSCHE/Acad Sec/Sem.Fin.Asst./II Phaso/2018-19/OU/Govt Coll/5/2019

Dt:03.01.2019

To  
The Principal  
Government Degree College,  
Serilingampally,  
Ranga Reddy District

Sir,

Sub: TSCHE - Academic Section - Proposal to organize National Seminar on "Higher Education in India: Emerging Challenges" - Scheduled in 21.01.2019 & 22.01.2019 (2 days) - Sanction of Rs.40,000/- (Rupees forty thousand only) towards financial assistance - Reg.

Ref: Lr.No.NII Dt:NII

•oO•

While referring to the subject and reference cited, I am hereby directed, to inform that the Telangana State Council of Higher Education has accorded the approval for sanction of an amount of Rs.40,000/- (Rupees forty thousand only) towards financial assistance of the Council to organize National Seminar on "Higher Education in India : Emerging Challenges" scheduled on 21.01.2019 & 22.01.2019 (2 days). Further, it has been decided to release the same in two instalments with 80:20 ratio. The second instalment i.e 20% of assistance will be released on submission of the following.

1. Recommendations of the Seminar, if any, to initiate action at higher level.
2. Proceedings of the Seminar, souvenir, photos, paper clippings etc.,
3. Copy of the letter addressed to the University Departments/ Libraries within the State sending the proceedings of the Seminar
4. Audited (State Audit) Utilization Certificate along with bills in original
5. Audited (State Audit) Receipts and Charges

The above assistance will be released based on the receipt of acceptance letter duly confirming the dates of seminar and it must be ensured that the TSCHE logo must be included in all national conferences. The letter shall be sent in the name of the Secretary, TSCHE, Hyderabad and soft copy may be mailed to [secretarytsche@gmail.com](mailto:secretarytsche@gmail.com) by 16.01.2019.

Yours faithfully

  
SECRETARY

Copy to  
Dr.K.Kamala  
Dept., of Political Science,  
Government Degree College,  
Serilingampally, Ranga Reddy District



Respected Sir,

Sub: Issue of Cheques to Mentors & Students – Jignasa 2019 State Level Student Study Projects – Reg.

Ref: File No. CCE-AC/JIGN/5/2019-Academic Cell, Dated: 07/02/2020

\*\*\*\*\*

It is to bring to your notice that Dept. of Political Science & Public Administration won the I Prize and Dept. of History and Dept. of Microbiology & Biotechnology won the II Prize at Jignasa 2019 State Level Student Study Projects.

In this regard I request you to issue the cheques in favour of the Mentor/Supervisor & students of the I & II Prize winners to be handed over to the concerned persons at Prize Distribution Function to be held on 15<sup>th</sup> Feb 2020.

The cheques to be issued as per the following list of winners:

**(I) DEPARTMENT OF MICROBIOLOGY – II Prize**

Topic: OCCURRENCE AND ANTIBIOTIC SENSITIVITY OF ESCHERICHIA COLI AND SALMONELLA SPP IN RETAIL CHICKEN MEAT FROM SELECTED MARKET'S

Mentor: D.Radhika (Rs. 3,000/-)

Students:

1. T.Chandini -108518458048 (Rs. 3,600/-)
2. P.Chandrika -108518458037 (Rs. 3,600/-)
3. P.Pravallika -108518458041 (Rs. 3,600/-)
4. S.Dhathri Sivani -108518458046 (Rs. 3,600/-)
5. T.Sandhya -108518458049 (Rs. 3,600/-)

**(II) DEPARTMENT OF HISTORY – II Prize**

Topic: HUNTING PRACTICES AND WILDLIFE HISTORY OF HYDERABAD STATE UNDER NIZAM RULE (1850's-1940's)

Mentor: Mrs. L. Sandhya Jyosthna (Rs. 3,000/-)

Students:

1. Mittakadpul Nandini, BA HEPA 2<sup>nd</sup> Year (Rs. 3,600/-)
2. Sakshi Jain, BA HEPS 2<sup>nd</sup> Year (Rs. 3,600/-)
3. Heena Begum, BA HEPA 2<sup>nd</sup> Year (Rs. 3,600/-)
4. Manju Bhargavi, BA HPP 2<sup>nd</sup> Year (Rs. 3,600/-)
5. Yasmeen Begum, BA HEPS 2<sup>nd</sup> Year (Rs. 3,600/-)

**(III) DEPARTMENT OF POLITICAL SCIENCE – I Prize**

Topic: WOMEN EMPOWERMENT IN TELANGANA, SOCIO, CULTURAL ASPECTS IN PRESENT SCENARIO

Mentors: Mrs. J.Nagaratnam (Rs. 5,000/-)

Students:

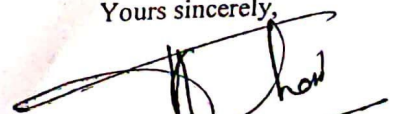
- B.Milleen Krupanvitha 3<sup>rd</sup> year 17011085061008 (Rs. 5,000/-)  
P.Nikhila 2<sup>nd</sup> year 18011085156012 (Rs. 5,000/-)  
P.Mounika 2<sup>nd</sup> year 18011085092005 (Rs. 5,000/-)  
Syeda Amreen Fatima 1<sup>st</sup> year 19011085073006 (Rs. 5,000/-)  
Panthagani Hanvitha 1<sup>st</sup> year 19011085073004 (Rs. 5,000/-)

AO  
Pl. issue cheques  
as per proceedings of  
the CCE from course fee  
and it is to be reimbursed  
for receiving grants from the  
govt. budget.

Thanking you

MND  
13/2/2020

Yours sincerely,

  
Dr. M. J. Eliat  
(Jignasa Coordinator)

# GOVERNMENT DEGREE COLLEGE FOR WOMEN (AUTONOMOUS)

Begumpet  
JIGNASA-2019

## (I) DEPARTMENT OF CHEMISTRY

Topic: THE EFFECT OF TEMPERATURE ON DIFFERENT BRANDS OF COOKING OILS WITH VARIOUS TIME INTERVALS OF HEATING

Mentor: Dr.G. Pranitha

Students :

1. M.Vineetha -1085-17-445-032 – BZC –III year
2. K.Keerthi Prajwala -1085-17-445-021 –BZC –III year
3. B.Sumitra -1085-17-458-003 –BCM –III year
4. K.Bhavaya Sree-1085-17-458-008-BCM –III year
5. E.Priyanka-1085-17-489-009 –BtZC – III year

## (II) DEPARTMENT OF MICROBIOLOGY

Topic: OCCURRENCE AND ANTIBIOTIC SENSITIVITY OF ESCHERICHIA COLI AND SALMONELLA SPP IN RETAIL CHICKEN MEAT FROM SELECTED MARKETS

Mentor: P.Radhika

Students :

1. T. Chandini - 108518458048
2. P. Chandrika- 108518458037
3. P.Pravallika- - 108518458041
4. S.Dhathri Sivani - 108518458046
5. T. Sandhya - - 108518458049

## (III) DEPARTMENT OF HISTORY

Topic: HUNTING PRACTICES AND WILDLIFE HISTORY OF HYDERABAD STATE UNDER NIZAM RULE(1850's-1940's)

Mentor: Mrs. I. Sandhya Josthna and Mr. M. Prudviraj

Students :

1. Rassi
2. Sakshi Jain
3. Hena
4. Manju Bharagvi
5. Yasmeen

#### **(IV) DEPARTMENT OF COMMERCE**

(1) Topic: PROSPECTS AND BARRIERS OF E- COMMERCE IN INDIA

Faculty Incharge: Dr. M.J.Eliat

Students : (B.Com General)

- D.SANKEERTHANA -(1701-1085-401-029)
- G.PRIYANKA -(1701-1085-401-035)
- K.RADHA -(1701-1085-401-056)
- C.PRIYANK -(1701-1085-401-028)
- M.LUDHIYA - (1701-1085-401-069)

#### **(V) DEPARMENT OF BUSINESS MANAGEMENT**

(1) Topic: "A STUDY ON IMPACT OF SOCIAL MEDIA ON TEENS MINDSET"

Mentor : Dr. M.J.Eliat

Students :

1. Shaik Ruksana – 1085-19-684-048
2. N. Sindhu - 1085-19-684-038
3. Zohra Jabeen Sultan - 1085-19-684-056
4. Heeba Arsheen - 1085-19-684-017
5. Neha - 1085-19-684-039

(2) Topic: A COMPARATIVE STUDY OF UG COLLEGE STUDENTS PERCEPTION TOWARDS GOVT AND PRIVATE EDUCATIONAL INSTITUTIONS IN HYDERABAD

Faculty Incharge: Mrs. S. Praveena and Ms. Kadher Fatima

Students :

1. P. Vasusha – 1085-19-684-044
2. K. Divya - 1085-19-684-025
3. N. Maheswari - 1085-19-684-040
4. M. Lavanya - 1085-19-684-033
5. P. Sravani - 1085-19-684-042
6. P. Meenakashi - 1085-19-684-043

#### **(VI) DEPARMENT OF TELUGU**

Topic: TELANGANA LOO VEEBENA BHASHASAMKRUTHULU

Mentor: Dr.M.Padma Kumari

Team :-

- 1) G.Sri Bhavani – 108518441018 – BSC II year
- 2) Ch.Devi – 108518405054 – B.Com II year
- 3) B.Aruna – 19011085352001 – B.A I year
- 4) A. Manasa – 108519111003 – B.A I year
- 5) U. Srividya – 19011085073008 – B.A. I year

**(VII) DEPARTMENT OF HINDI**

Topic - "KAVI VRIND KE NAITIK DOHE : CHHATR VYAKTITVA MEIN PRERAK"

Mentor : Dr.Afsar unnisa Begum

Students :

1. Anita Kumari - 18011085111001
2. Hureen Fathima – 180110405085
- 3.Kulsum Ahmed – 180110405113 B.Com – II year
4. Mariyam – 180110405129 – B.Com – II year
5. Nikhatunnisa Naureen – 18011085401089 B.Com Genl – II year

**(VIII) DEPARTMENT OF POLITICAL SCIENCE**

Topic : WOMEN EMPOWERMENT IN TELANGANA,SOCIO, CULTURAL ASPECTS  
IN PRESENT SCENARIO

Mentors: Mrs. J.Nagarathnam and Mr.T. Ravi Kumar

Students:

- Velangini Anitha 3rd year 17011085061003  
B.Milleen Krupanvitha 3rd year 17011085061008  
P.Nikhila 2nd year 18011085156012  
P.Mounika 2nd year 18011085092005  
Syeda Amreen Fatima 1st year 19011085073006  
P.Hanvitha 1st year 19011085073004

**(IX) DEPARTMENT OF ENGLISH**

Topic: EXEMPLIFYING ROMANCE IN JOHN KEATS POETRY

Mentors: Ms. M.V. Magdalenc

Mrs. G. Sankeerthana Reddy

Students;

1. Neha Sultana -B.Sc. BtZC 2nd Year-18011085489036
2. E.Bhoomika- B.Sc. BtZC 2nd Year-18011085489018
3. B. Priyanka - B.Sc. BtZC-2nd Year-18011085489007
4. D.Swetha- B.Sc. BtZC-2nd Year-18011085489017
5. Gulnaaz Fatima-B.Sc. BZC-2nd Year-18011085445067
6. K.Yamini –B.Sc. BtZC-2nd Year-18011085489024

**(X) DEPARTMENT OF PHYSICS**

Topic: PARTICLE SIZE OF RED BLOOD CORPUSCLES BY DIFFRACTION METHOD

Mentors:Shanmukhi Jyothi.D, and Thoyajakshi.B.

Students:

- Chandini Gond, 1085-18-441-010,  
Keertana.P, 1085-18-441-042  
Keerthi Reddy, 1085-18-441-038  
Prasanna.D, 1085-18-441-014  
Kavya.Y.1085-18-441-054

**PROCEEDINGS OF THE PRINCIPAL**  
**GOVERNMENT DEGREE COLLEGE FOR WOMEN, BEGUMPET, HYDERABAD,**  
**TELANGANA**

**PRESENT: DR. K. PADMAVATHI**

Date: 04/10/2021

Sub: GDC(W), BGPT-Sanction of seed money for the academic year 2020-2021

In pursuance of the orders issued, the research proposals submitted by Dr. A. Madhuri, Asst. Professor of Micro Biology, GDCW, Begumpet, entitled "Alkaline Prostate Production in Solid State Fermentation Using Groundnut Husk as a substrate" the Research Committee has approved a grant of Rs. 1,00,000 (Rs. One Lakh Only) to the Principal Investigator for undertaking the above project for a period of One year from the date of sanction.

Item	Amount Allocated	Amount Sanctioned
Books & Journals	20,000	20,000
Equipment	25,000	25,000
Field work & Travel	40,000	40,000
Contingency	15,000	15,000
Total	1,00,000	1,00,000

  
**PRINCIPAL**

**Govt. Degree College for Women**  
**Begumpet, Hyderabad.**

1. Copy to the individual Concerned
2. Copy to the Research Committee
3. Copy to the Principal, GDC (W) Begumpet

**PROCEEDINGS OF THE PRINCIPAL**  
**GOVERNMENT DEGREE COLLEGE FOR WOMEN, BEGUMPET, HYDERABAD,**  
**TELANGANA**

**PRESENT: DR. K. PADMAVATHI**

Date: 04/10/2021

Sub: GDC(W), BGPT-Sanction of seed money for the academic year 2020-2021

In pursuance of the orders issued, the research proposals submitted by Dr.Ch. Kanchana Latha, Asst. Professor of Physics, GDCW, Begumpet, entitled " **Synthesis and Characterization of IN2O3/SnO2 Nanoparticles for Sensor**" the Research Committee has approved a grant of Rs. 1,00,000 (Rs.One Lakh Only). To the Principal Investigator for undertaking the above project for a period of One year from the date of sanction.

Item	Amount Allocated	Amount Sanctioned
Books & Journals	20,000	20,000
Equipment	25,000	25,000
Field work & Travel	40,000	40,000
Contingency	15,000	15,000
Total	1,00,000	1,00,000

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**Begumpet, Hyderabad,**

**PROCEEDINGS OF THE PRINCIPAL  
GOVERNMENT DEGREE COLLEGE FOR WOMEN, BEGUMPET, HYDERABAD,  
TELANGANA**

**PRESENT: DR. K. PADMAVATHI**

Date: 04/10/2021

Sub: GDC(W), BGPT-Sanction of seed money for the academic year 2020-2021

In pursuance of the orders issued, the research proposals submitted by Dr.Kastoori Srinivas, Asst. Professor of Commerce, GDCW, Begumpet , entitled "**Impact of LIC Housing Finance on Middle Income Group: A Study With Special Reference to LICHF of Hyderabad District in Telangana State**" the Research Committee has approved a grant of Rs. 1,00,000 (Rs.One Lakh Only) to the Principal Investigator for undertaking the above project for a period of One year from the date of sanction.

Item	Amount Allocated	Amount Sanctioned
Books & Journals	20,000	20,000
Equipment	25,000	25,000
Field work & Travel	40,000	40,000
Contingency	15,000	15,000
Total	1,00,000	1,00,000

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2. Copy to the Research Committee
3. Copy to the Principal, GDC (W) Begumpet



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**Govt. Degree College for Women  
Begumpet, Hyderabad.**

**PROCEEDINGS OF THE PRINCIPAL  
GOVERNMENT DEGREE COLLEGE FOR WOMEN, BEGUMPET, HYDERABAD,  
TELANGANA**

**PRESENT: DR. K. PADMAVATHI**

Date: 04/10/2021

Sub: GDC(W), BGPT-Sanction of seed money for the academic year 2020-2021

In pursuance of the orders issued, the research proposals submitted by Dr. I. Sandhya Jyotsna, Asst. Professor of History, GDCW, Begumpet, entitled "**A Social History of the Epidemics in the State of Hyderabad from 1897 to 1948: Impact and Attenuation**" the Research Committee has approved a grant of Rs. 1,00,000 (Rs. One Lakh Only) to the Principal Investigator for undertaking the above project for a period of One year from the date of sanction.

Item	Amount Allocated	Amount Sanctioned
Books & Journals	20,000	20,000
Equipment	25,000	25,000
Field work & Travel	40,000	40,000
Contingency	15,000	15,000
Total	1,00,000	1,00,000



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