



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

①

SUBJECT: Physics

Dated:12.01.2015

File No. 41-835/2012 (SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. J.K. Baria Deptt. of Physics Vithalbhai Patel and Rajrathan, P.T.Patel Science College Vallabh Vidyanagar
2.	Title of the project	Study of some physical properties of transition metals and their alloys using molecular dynamics simulation technique
3.	Total Allocation	10,13,300/-
4.	Grant Released	6,86,800/-
5.	Date of Implementation	01.07.2012
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

Recommended for Continuation

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

NIL

3. Comments(If incase not satisfactory, please indicate 3 reasons)

1. Progress satisfactory
2. He already 3 published papers
- 3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	N.A.
1. D. Dutta Gupta		2.Progress Report	Yes
2. C.N. KUMAR		3.Statement of expenditure	Yes
3. B. PRADEEP		4.Utilization Certificate	Yes
		5. Mandate form	



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UNIVERSITY GRANTS COMMISSION
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NEW DELHI-110002



SUBJECT: Physics

Dated:12.01.2015

File No. 41-837/2012 (SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. K. Venkata Phani Lata Deptt. of Physics Pondicherry University Kalapet, Pondicherry
2.	Title of the project	Study of the electric dipole moments of atomic Yb, Ra and Xe by systematic inclusion of correlation effects
3.	Total Allocation	13,46,300/-
4.	Grant Released	10,29,800/-
5.	Date of Implementation	01.07.2012
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

Recommended for Continuation

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Progress satisfactory
Part of contingency money Rs 20,000/-
re-appropriated towards Travel.

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

1. Progress very Satisfactory : N.A

2.

3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature		
1. G. N. Kumar		1.Details of project fellow	Yes
2. S. Datta Gupta		2.Progress Report	Yes
3.		3.Statement of expenditure	Yes
		4.Utilization Certificate	Yes
		5. Mandate form	-



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
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3

SUBJECT: Physics

Dated:12.01.2015

File No. 41-846/2012 (SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Gangineni Ramesh Babu Deptt. of Physics Pondicherry University Pondicherry
2.	Title of the project	Magneto-transport and low-frequency noise measurements in single - crystalline MgO-barrier based magnetic tunnel junctions
3.	Total Allocation	8,02,000/-
4.	Grant Released	7,92,000/-
5.	Date of Implementation	01.07.2012
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

Recommended for Continuation

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

NIL

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

1.
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	N.A.
1. C.D. Kumar	C.D. Kumar	2.Progress Report	Yes
2. S. Dhanu Lakshmi	S. Dhanu Lakshmi	3.Statement of expenditure *	Yes
3.		4.Utilization Certificate *	Yes
		5. Mandate form	-

* Original certificates already submitted as informed by P.I
He will be sending attested copy soon .



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UNIVERSITY GRANTS COMMISSION
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NEW DELHI-110002

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SUBJECT: Physics

Dated:12.01.2015

File No. 41-855/2012 (SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Indra P. Tripathi Deptt. of Physics Mahatma Gandhi Gramoday Vishwavidyalay Chitrakoot, Satna
2.	Title of the project	Characterisation and ampping of diffuse chemical pollution in Central India
3.	Total Allocation	9,43,300/-
4.	Grant Released	5,46,800/-
5.	Date of Implementation	01.07.2012
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

Recommended for continuation

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

N/A

3. Comments(If incase not satisfactory, please
indicate 3 reasons)

1. progress of the project is satisfactory .
2.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	Yes
1. C. N. Kumar	Gurur	2.Progress Report	Yes
2. Dr. Datta Gupta	Shiv	3.Statement of expenditure	Yes
3.		4.Utilization Certificate	Yes
		5. Mandate form	



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SUBJECT: Physics

Dated:12.01.2015

File No. 41-857/2012 (SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Ravindra Dhar Deptt. of Physics University of Allahab Allahabad
2.	Title of the project	Liquid crystal-nano composite materials for display and photovoltaic applications
3.	Total Allocation	13,90,800/-
4.	Grant Released	10,51,800/-
5.	Date of Implementation	01.07.2012
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

Recommended for Continuation

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

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(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	YES
1. C N Kumar	Culch	2.Progress Report	YES
2. S. Datta Gupta	S. Datta Gupta	3.Statement of expenditure	YES
3.		4.Utilization Certificate	YES
		5. Mandate form	



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UNIVERSITY GRANTS COMMISSION
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NEW DELHI-110002

6

SUBJECT: Physics

Dated: 12.01.2015

File No. 41-892/2012 (SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. V. Vasu Deptt. of Physics Madurai Kamaraj University Madurai
2.	Title of the project	Studies on electrochromic properties of titanium oxide thin films
3.	Total Allocation	9,42,500/-
4.	Grant Released	7,55,000/-
5.	Date of Implementation	01.07.2012
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

ABSENT

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

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3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	_____
1. C N Kumar	(Signature)	2.Progress Report	_____
2. S. Datta Gupta	(Signature)	3.Statement of expenditure	_____
3.		4.Utilization Certificate	_____
		5. Mandate form	_____



ज्ञान- विज्ञान विमुक्तये
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7

SUBJECT: Physics

Dated:12.01.2015

File No. 41-893/2012 (SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. S. Rajashabala Deptt. of Physics Madurai Kamaraj University Madurai
2.	Title of the project	Preparation and characterization of hydrogen storage materials for fuel cell applications
3.	Total Allocation	11,97,600/-
4.	Grant Released	8,23,600/-
5.	Date of Implementation	01.07.2012
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

Recommended for Continuation

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

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3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	Yes
1. S. Jothi Ampta		2.Progress Report	Yes
2. C. N. Kumar		3.Statement of expenditure	Yes
3.		4.Utilization Certificate	Yes
		5. Mandate form	Yes



UNIVERSITY GRANTS COMMISSION
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NEW DELHI-110002

Dated:12.01.2015

TENURE **3 Years**

1.	Name & Address of the Principal Investigator	Dr. Devendra Kumar Mishra Deptt. of Physics Vallabharam Saligram Mehta College-, of Science Bharwari, Allahabad-
2.	Title of the project	Trade of non-classicality of optical fields in quantum information
3.	Total Allocation	8,75,800/-
4.	Grant Released	5,39,300/-
5.	Date of Implementation	01.07.2012
6.	Staff (Date of appointment)	
7.	Annual Report	

Recommended for
Continuation

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|---|---|---|--|--|--|

- Unutilized book grant of 1st year may be allowed to utilize, if rules permit.

- 1.
- 2.
- 3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	<u>Yes</u>
1. G. N. Kumar	Gubbar	2.Progress Report	<u>Yes</u>
2. J. Datta Gupta	[Signature]	3.Statement of expenditure	<u>Yes</u>
3.		4.Utilization Certificate	<u>Yes</u>
		5. Mandate form	<u>Yes.</u>



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SUBJECT: Physics

Dated: 12.01.2015

File No. 41-970/2012 (SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Suraj Kumar Sinha Deptt. of Physics Pondicherry University, Puducherry
2.	Title of the project	Effect of ioninduced secondary electrons from cathode surface on formation of multiple anodic double layers in glow discharges
3.	Total Allocation	10,97,500/-
4.	Grant Released	10,15,000/-
5.	Date of Implementation	01.07.2012
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

Recommended for continuation

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

N I L

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

Utilized equipment grant was utilized for purchasing of workstation as detailed in the request. To the tune Rs 1,00,000/-

3. Comments(If incase not satisfactory, please indicate 3 reasons)

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2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	N-A
1. J. Dutt	J. Dutt	2.Progress Report	Yes
2. C. N. Kumar	C. N. Kumar	3.Statement of expenditure	Yes
3.		4.Utilization Certificate	Yes
		5. Mandate form	-



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10

SUBJECT: Physics

Dated:12.01.2015

File No. 41-972/2012 (SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. Vinod Kumar Deptt. of Physics Guru Gobind Singh Indraprastha University Dwarka, Sector 16, New Delhi
2.	Title of the project	Synthesis & Characterization of SHI/Neutron induced modification in polymeric materials and their monte-carlo simulation
3.	Total Allocation	14,28,800/-
4.	Grant Released	11,09,800/-
5.	Date of Implementation	01.07.2012
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

ABSENT

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

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3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	_____
1. C. N. KANDU	C. N. KANDU	2.Progress Report	_____
2. S. Datta Gupta	S. Datta Gupta	3.Statement of expenditure	_____
3.		4.Utilization Certificate	_____
		5. Mandate form	_____



ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
BAHADURSHAH ZAFAR MARG
NEW DELHI-110002

11

SUBJECT: Physics

Dated:12.01.2015

File No. 41-980/2012 (SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Prof. Dwijendra K. Gupta Deptt. of Physics University of Allahabad Allahabad
2.	Title of the project	Molecular dynamics simulation and docking studies of acetylcholinesterase for Alzheimer's Disease
3.	Total Allocation	13,85,800/-
4.	Grant Released	10,71,800/-
5.	Date of Implementation	01.07.2012
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

Recommended for continuation

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please indicate 3 reasons)

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2.	
3.	

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	Yes
1. C. N. Kumar	[Signature]	2.Progress Report	Yes
2. S. Datta Gupta	[Signature]	3.Statement of expenditure	Yes
3.		4.Utilization Certificate	Yes
		5. Mandate form	-



ज्ञान- विज्ञान विमुक्तये
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12

SUBJECT: Physics

Dated:12.01.2015

File No. 40-172/2011 (SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. T. Devasena Dept. of Centre for Nanoscience & Technology Anna University Chennai-25, TN
2.	Title of the project	Determination of LC50 and Sub-chronic neurotoxicity of diesel exhaust particles
3.	Total Allocation	9,92,800/-
4.	Grant Released	7,68,800/-
5.	Date of Implementation	01.07.2011
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

Recommended for continuation.

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

Nil

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

1. Progress is satisfactory
2. One paper under consideration.
3.

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	Yes
1. C. N. Kumar	C. N. Kumar	2.Progress Report	Yes
2. S. Datta Gupta	S. Datta Gupta	3.Statement of expenditure	Yes
3.		4.Utilization Certificate	Yes
		5. Mandate form	



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ज्ञान- विज्ञान विमुक्तये
UNIVERSITY GRANTS COMMISSION
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SUBJECT: Physics

Dated:12.01.2015

File No. 40-431/2011 (SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. K. Sivakumar Dept. of Physics Anna University Chennai-600025
2.	Title of the project	Supramolecular framework studies in dihydrogen phosphate salts for catalytic and storage applications
3.	Total Allocation	6,98,300/-
4.	Grant Released	4,41,800/-
5.	Date of Implementation	01.07.2011
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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Not recommended for any
further release of grant

2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

1. Sanctioned amount not spent
2. Project fellow not appointed
3. Project is slow

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	N.A
1. J. Datta Gupta	[Signature]	2.Progress Report	Yes
2. C. N. Kumar	[Signature]	3.Statement of expenditure	Yes
3.		4.Utilization Certificate	Yes
		5. Mandate form	-



ज्ञान- विज्ञान विमुक्तये
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14

SUBJECT: Physics

Dated:12.01.2015

File No. 40-444/2011 (SR)

TENURE 3 Years

MID- TERM EVALUATION/ RECOMMENDATION SHEET

1.	Name & Address of the Principal Investigator	Dr. R. Murugaraj Dept. of Physics Anna University Chennai-600044
2.	Title of the project	Experimental investigations on electrical relaxation process in solid state ionic materials
3.	Total Allocation	5,71,800/-
4.	Grant Released	3,77,800/-
5.	Date of Implementation	01.07.2011
6.	Staff (Date of appointment)	
7.	Annual Report	

RECOMMENDATIONS/ SUGGESTIONS/ COMMENTS OF THE EXPERT COMMITTEE

Recommended for Continuation

1. Additional Grants sanctioned, if any
(Only in-exceptional circumstances)

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2. Re-appropriation, if any (head wise)
(Except for fellowship /Honorarium/
Inst. Overhead charges)

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3. Comments(If incase not satisfactory, please
indicate 3 reasons)

1.	-
2.	-
3.	-

(NAME & SIGNATURE OF THE EXPERTS COMMITTEE MEMBERS)		Checklist for document	YES/NO
Name in Block letters	Signature	1.Details of project fellow	Yes
1. J. Datta Gupta		2.Progress Report	Yes
2. C. N. Kumar		3.Statement of expenditure	Yes
3.		4.Utilization Certificate	Yes
		5. Mandate form	Yes.