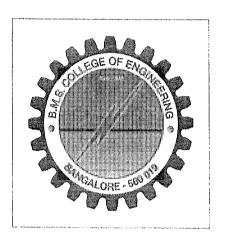
B.M.S. COLLEGE OF ENGINEERING, BENGALURU-560 019 TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME, PHASE-III

FOURTEENTH MEETING OF THE SUB-COMMITTEE OF BOG THROUGH VIDEO CONFERENCE



MINUTES

DATE: 10.12.2021

VENUE: PRINCIPAL OFFICE

B.M.S.COLLEGE OF ENGINEERING, BANGALORE-560 019

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME, PHASE-III

FOURTEENTH MEETING | 12.10.2020 | SUB-COMMITTEE OF BOG | MINUTES THROUGH VIDEO CONFERENCE

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B.M.S.COLLEGE OF ENGINEERING, BENGALURU-560 019 TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME, PHASE-III FOURTEENTH MEETING | 10.12.2021 | SUB-COMMITTEE OF BOG | MINUTES THROUGH VIDEO CONFERENCE

1.2 Extension of project period:

TEQIP Coordinator briefed the chair about extension of the project period from 31.03.2021 to 31.01.2022 with limited TEQIP activities with separate guidelines for TEQIP staff salary, Audit fee and disbursement of liabilities pending as on 31.03.2021.

The committee noted about the same.

1.3 Performance Audit of project Institutions/ATUs of TEQIP-III:

The committee noted that performance audit score of the Institute 1.08 (3 point grade assessing scale 1 being excellent/highest, 3 being lowest). The chairman appreciated the activities conducted and performance of the Institute during the pandemic situation.

1.4 Submission of Audit Reports for FY 2020-21 and 1st Half year (From 01.04.2021 to 30.09.2021):

The committee took note of the submission of audit reports for the FY 2020-21 and 1st Half year 2021-22(i.e., from 01.04.2021 to 30.09.2021) also note that there is no audit disallowance / NIL audit observation.

1.5 Financial support towards R& D projects – seed money under Centre of Excellence through TEQIP-III:

The committee noted the award of seed money for initiation of R&D projects under Centre of Excellence through TEQIP-III to 56 projects to an extent of Rs. 71,49,220/- (Rupees Seventy One Lakhs Forty Nine Thousand Two Hundred and Twenty Only). The committee also noted that project reports of these seed money projects to be kept repository.

1.6 Appreciation letter for TEQIP-III Project closure :

The committee took note of the receipt of appreciation letter from Prof(Dr.) P.M.Khodke, CPA, NPIU appreciating all the TEQIP Institute for dedicated effort in making TEQIP-III a most successful project.



B.M.S.COLLEGE OF ENGINEERING, BENGALURU-560 019

TECHNICAL EDUCATION QUALITY IMPROVEMENT PROGRAMME, PHASE-III FOURTEENTH MEETING | 10.12.2021 | SUB-COMMITTEE OF BOG | MINUTES THROUGH VIDEO CONFERENCE

2.5 Any other items with the permission of the Chair:

The committee noted about the dropping of AG's audit observation of TEQIP-II (para regarding short contribution to corpus fund 67.16 lakhs and Investment in FD-Rs.630 Lakh.)

The meeting concluded with a vote of thanks to the chairman and honourable members for the valuable guidance, suggestions and support for the successful completion of the project.

Dr.B. RAVISHANKAR

PRINCIPAL & CONVENOR

Prof.D.THUKARAM CHAIRMAN

No.BMS/COE/TEQIP-III/2020-21/CHY/01

Date: 71112021

OFFICE ORDER

Subject : -

Sanction of financial support towards Seed Money for R & D activities under

COE research

a.

Reference:

Minutes of 12th Meeting of Sub-BOG dated 15.12.2020.

Proposal dated 14.12.2020. b.

Scrutiny meeting held on 30.12.2020. C.

As per the aforesaid minutes of meeting of Sub-BOG, hereby inform you that the submitted Research Proposal titled - "Facile synthesis of V2O3/Carbon composites prepared by inert-ambient pyrolysis: As anode materials for lithium -ion batteries" is approved for extension of financial support to an extent of Rs.1,20,000/- (Rupees One Lakh Twenty Thousand Only) under Centre of Excellence in Advanced Materials Research through TEQIP III -1.3; Component head 1.3.2.5.

The Project with permissible consumable and testing with sanctioned amount is tabulated as follows:

Name of the Investigator	Designation	Title of the Proposal	Amount recommended by Evaluator
Dr Srinidhi M	Assistant Professor	Facile synthesis of V2O3/Carbon composites prepared by inert-ambient pyrolysis: As anode materials for lithium -ion batteries	1,20,000/-

- Billing to be done in the name of 'The Principal, BMSCE'. 1.
- 2. GST Bill only be honored.
- Only material / consumable to be procured and not equipment as a whole. 3. 4.
- If any item/component is more than Rs.10,000/- as per Institutional procurement norms to be followed (i.e., 3 (Three) Competitive quotation method). 5.
- As per TEQIP norms, Bills for which payment made to vendor in Indian Rupees only will be 6.
- After receipt of the materials/consumables/testing charges, same has to be entered in departmental ledger and ledger folio no. should be mentioned in all the invoices and All the invoices should be certified by the principal investigator and HOD. 7.
- The invoices with statement of expenditure to be submitted to TEQIP office for reimbursement



No.BMS/COE/TEQIP-III/2020-21/CHY/02

Date: 71112021

OFFICE ORDER

Subject : -

Sanction of financial support towards Seed Money for R & D activities under

COE research

Reference:

Minutes of 12th Meeting of Sub-BOG dated 15.12.2020.

b. Proposal dated 12.12.2020.

c. Scrutiny meeting held on 30.12.2020.

As per the aforesaid minutes of meeting of Sub-BOG, hereby inform you that the submitted Research Proposal titled - "Novel Organometallic Materials for Nonlinear Optical Applications" is approved for extension of financial support to an extent of Rs.1,20,000/- (Rupees One Lakh Twenty Thousand Only) under Centre of Excellence in Advanced Materials Research through TEQIP III -1.3; Component head 1.3.2.5.

The Project with permissible consumable and testing with sanctioned amount is tabulated as follows:

Name of the Investigator	Designation	Title of the Proposal	Amount recommended by Evaluator
Dr G S Anathnag	Assistant Professor	Novel Organometallic Materials for Nonlinear Optical Applications	1,20,000/-

- 1. Billing to be done in the name of 'The Principal, BMSCE'.
- GST Bill only be honored.
- Only material / consumable to be procured and not equipment as a whole.
- If any item/component is more than Rs.10,000/- as per Institutional procurement norms to be followed (i.e., 3 (Three) Competitive quotation method).
- As per TEQIP norms, Bills for which payment made to vendor in Indian Rupees only will be accepted.
- After receipt of the materials/consumables/testing charges, same has to be entered in departmental ledger and ledger folio no. should be mentioned in all the invoices and All the invoices should be certified by the principal investigator and HOD.

- The invoices with statement of expenditure to be submitted to TEQIP office for reimbursement through HOD.
- 8. As per the directions of the BOG, investigators, beneficiary of the seed money may submit at least one research proposal for getting external research grants / consultancy from external funding Agency. The information of the same to be intimated to the TEQIP office for documentation.

Kindly initiate the execution of the project and submit the bills for reimbursement on or before 25.02.2021 along with the report to the TEQIP Office.

Dr.M.Ramachandra

Dr.Rathanraj K.J

Dr.t.Ravikumar

Principal.

Coordinator- COE

Nodal Officer (FIN)

TEQIP-III Coordinator

- 1. Co-ordinators.
- 2. Concerned HOD.
- 3. Office Copy.



No.BMS/COE/TEQIP-III/2020-21/CHY/03

Date: 71112021

OFFICE ORDER

Subject : -

Sanction of financial support towards Seed Money for R & D activities under

COE research

Reference:

a. Minutes of 12th Meeting of Sub-BOG dated 15.12.2020.

Proposal dated 12.12.2020.

c. Scrutiny meeting held on 30.12.2020.

As per the aforesaid minutes of meeting of Sub-BOG, hereby inform you that the submitted Research Proposal titled - "Synthesis of Layered double hydroxides (LDH) for technological applications" is approved for extension of financial support to an extent of Rs.1,20,000/- (Rupees One Lakh Twenty Thousand Only) under Centre of Excellence in Advanced Materials Research through TEQIP III -1.3; Component head 1.3.2.5.

The Project with permissible consumable and testing with sanctioned amount is tabulated as follows:

Name of the Investigator	Designation	Title of the Proposal	Amount recommended by Evaluator
Dr Kalyan Raj	Professor & Head	Synthesis of Layered double hydroxides (LDH) for technological applications	1,20,000/-

- Billing to be done in the name of 'The Principal, BMSCE'.
- GST Bill only be honored.
- Only material / consumable to be procured and not equipment as a whole.
- If any item/component is more than Rs.10,000/- as per Institutional procurement norms to be followed (i.e., 3 (Three) Competitive quotation method).
- As per TEQIP norms, Bills for which payment made to vendor in Indian Rupees only will be accepted.
- After receipt of the materials/consumables/testing charges, same has to be entered in departmental ledger and ledger folio no. should be mentioned in all the invoices and All the invoices should be certified by the principal investigator and HOD.



- The invoices with statement of expenditure to be submitted to TEQIP office for reimbursement through HOD.
- 8. As per the directions of the BOG, investigators, beneficiary of the seed money may submit at least one research proposal for getting external research grants / consultancy from external funding Agency. The information of the same to be intimated to the TEQIP office for documentation.

Kindly initiate the execution of the project and submit the bills for reimbursement on or before 25.02.2021 along with the report to the TEQIP Office.

Dr. M. Ramachandra

Nodal Officer (FIN)

Dr.L.Ravikumar

TEQIP-III Coordinator

Coordinator- COE

C.C:
1. Co-ordinators.

2. Concerned HOD.

3. Office Copy.



BMS COLLEGE OF ENGINEERING, BANGALORE Technical Education Quality Improvement Programme-III (TEQIP-III)

Approved Items for consumables/testing charges for project proposal

No.BMS/COE/TEQIP-III/2020-21/CHY/03

Project Title: Synthesis of Layered double hydroxides (LDH) for technological applications

Principal Investigator: Dr Kalyan Raj, Professor & Head, CHY

SI	Permitted Consumables/Testing
1	Glassware
2	Chemicals and electrodes (working, reference and auxiliary)
3	Button cells, battery components to study layered double hydroxides as an electrode material for alkaline batteries

Dr.M.Ramachandra

Coordinator- COE

Dr.Rathanra K.

Nodal Officer (FIN)

Dr.L.Ravikumar

TEQIP-III Coordinator

Principal.



No.BMS/COE/TEQIP-III/2020-21/CHY/04

Date: 71112021

OFFICE ORDER

Sanction of financial support towards Seed Money for R & D activities under COE research

Minutes of 12th Meeting of Sub-BOG dated 15.12.2020. Reference: 3

Proposal dated 12.12.2020. b.

Scrutiny meeting held on 30.12.2020. C.

As per the aforesaid minutes of meeting of Sub-BOG, hereby inform you that the submitted Research Proposal titled - "Microwave assisted Hydrothermal/Solvothermal synthesis of Zr-MOF and Zn-MOF for the effective removal of hazardous organic pollutants present in Pharmaceutical industry waste water" is approved for extension of financial support to an extent of Rs. 1,85,000/- (Rupees One Lakh Eighty five Thousand Only) under Centre of Excellence in Advanced Materials Research through TEQIP III -1 3; Component head 1.3.2.5.

The Project with permissible consumable and testing with sanctioned amount is tabulated as

Name of the Investigator	Designation	Title of the Proposal	Amount recommended by Evaluator
Dr Manjunatha S	Assistant Professor	Microwave assisted Hydrothermal/Solvothermal synthesis of Zr-MOF and Zn- MOF for the effective removal of hazardous organic pollutants present in Pharmaceutical Industry waste water	1,85,000/-

- Billing to be done in the name of 'The Principal, BMSCE'. 1.
- GST Bill only be honored. 2.
- Only material / consumable to be procured and not equipment as a whole. 3.
- If any item/component is more than Rs.10,000/- as per Institutional procurement norms to be followed (i.e., 3 (Three) Competitive quotation method).
- As per TEQIP norms, Bills for which payment made to vendor in Indian Rupees only will be 5. After receipt of the materials/consumables/testing charges, same has to be entered in
- departmental ledger and ledger folio no. should be mentioned in all the invoices and All the 6. invoices should be certified by the principal investigator and HOD.





No.BMS/COE/TEQIP-III/2020-21/CHY/05

Date: 71/12024

OFFICE ORDER

Subject : -

Sanction of financial support towards Seed Money for R & D activities under

COE research

Reference:

Minutes of 12th Meeting of Sub-BOG dated 15.12.2020. a.

Proposal dated 11.12.2020. b.

Scrutiny meeting held on 30.12.2020. C.

As per the aforesaid minutes of meeting of Sub-BOG, hereby inform you that the submitted Research Proposal titled - "Solution Combustion Synthesis of metal sulfides and composites for adsorption -reduction and photocatalytic applications" is approved for extension of financial support to an extent of Rs. 1,25,000/- (Rupees One Lakh twenty five Thousand Only) under Centre of Excellence in Advanced Materials Research through TEQIP III -1.3; Component head 1.3.2.5.

The Project with permissible consumable and testing with sanctioned amount is tabulated as follows:

Name of the Investigator	Designation	Title of the Proposal	Amount recommended by Evaluator
Dr.K.L.Nagashree	Assistant Professor	Solution Combustion Synthesis of metal sulfides and composites for adsorption -reduction and photocatalytic applications	1,25,000/-

- Billing to be done in the name of 'The Principal, BMSCE'. 1.
- GST Bill only be honored. 2.
- Only material / consumable to be procured and not equipment as a whole. 3.
- If any item/component is more than Rs.10,000/- as per Institutional procurement norms to be 4. followed (i.e., 3 (Three) Competitive quotation method).
- As per TEQIP norms, Bills for which payment made to vendor in Indian Rupees only will be 5. accepted.
- After receipt of the materials/consumables/testing charges, same has to be entered in 6. departmental ledger and ledger folio no. should be mentioned in all the invoices and All the invoices should be certified by the principal investigator and HOD.

- The invoices with statement of expenditure to be submitted to TEQIP office for reimbursement through HOD.
- 8. As per the directions of the BOG, investigators, beneficiary of the seed money may submit at least one research proposal for getting external research grants / consultancy from external funding Agency. The information of the same to be intimated to the TEQIP office for documentation.

Kindly initiate the execution of the project and submit the bills for reimbursement on or before 25.02.2021 along with the report to the TEQIP Office.

Dr.M.Ramachandra

Dr.Rathanfaj K

Dr.L.Ravikumar

Principal.

Coordinator- COE

Nodal Officer (FIN)

TEQIP-III Coordinator

- 1. Co-ordinators.
- Concerned HOD.
- 3. Office Copy.



No.BMS/COE/TEQIP-III/2020-21/ECE/01

Date: 711/2021

OFFICE ORDER

Subject : -

Sanction of financial support towards Seed Money for R & D activities under

COE research

Reference:

Minutes of 12th Meeting of Sub-BOG dated 15.12.2020.

b. Proposal dated 12.12.2020.

Scrutiny meeting held on 01.01.2021.

As per the aforesaid minutes of meeting of Sub-BOG, hereby inform you that the submitted Research Proposal titled - "Opto-electrical studies of Al-doped ZnO thin films for photovoltaic applications" is approved for extension of financial support to an extent of Rs. 1,10,000/-(Rupees One Lakh Ten Thousand Only) under Centre of Excellence in Advanced Materials Research through TEQIP III -1.3; Component head 1.3.2.5.

The Project with permissible consumable and testing with sanctioned amount is tabulated as follows:

Name of the Investigator	Designation	Title of the Proposal	Amount recommended by Evaluator
Bhavana H.T	Assistant Professor	Opto-electrical studies of Aldoped ZnO thin films for photovoltaic applications	1,10,000/-

- 1. Billing to be done in the name of 'The Principal, BMSCE'.
- GST Bill only be honored.
- Only material / consumable to be procured and not equipment as a whole.
- If any item/component is more than Rs.10,000/- as per institutional procurement norms to be followed (i.e., 3 (Three) Competitive quotation method).
- As per TEQIP norms, Bills for which payment made to vendor in Indian Rupees only will be accepted.
- After receipt of the materials/consumables/testing charges, same has to be entered in departmental ledger and ledger folio no. should be mentioned in all the invoices and All the invoices should be certified by the principal investigator and HOD.



- The invoices with statement of expenditure to be submitted to TEQIP office for reimbursement through HOD.
- 8. As per the directions of the BOG, investigators, beneficiary of the seed money may submit at least one research proposal for getting external research grants / consultancy from external funding Agency. The information of the same to be intimated to the TEQIP office for documentation.

Kindly initiate the execution of the project and submit the bills for reimbursement on or before 25.02.2021 along with the report to the TEQIP Office.

Dr.M.Ramachandra

Coordinator- COE

Dr. Rathahra K.J

Nodal Officer (FIN)

Dr.L.Ravikumar

TEQIP-III Coordinator

C.C:

1. Co-ordinators.

2. Concerned HOD.

3. Office Copy.



BMS COLLEGE OF ENGINEERING, BANGALORE Technical Education Quality Improvement Programme-III (TEQIP-III)

Approved Items for consumables/testing charges for project proposal

No.BMS/COE/TEQIP-III/2020-21/ECE/01

Project Title: Opto-electrical studies of Al-doped ZnO thin films for photovoltaic applications

Principal Investigator: Bhavana H.T, Assistant Professor, ECE

SI	Permitted Consumables/Testing
1	Consumables-Chemicals
2	Consumables-Labware
3	Testing (HR TEM, FE, Raman Spectroscopy XPS etc)

Dr M Ramachandra

Dr. Rathania Ka

Dr.L.Ravikumar

Principal.

Coordinator- COE

Nodal Officer (FIN)

TEQIP-III Coordinator



No.BMS/COE/TEQIP-III/2020-21/ECE/02

Date: 711/2021

OFFICE ORDER

Subject : -

Sanction of financial support towards Seed Money for R & D activities under

COE research

Reference:

Minutes of 12th Meeting of Sub-BOG dated 15.12.2020.

b. Proposal dated 12.12.2020.

c. Scrutiny meeting held on 01.01.2021.

As per the aforesaid minutes of meeting of Sub-BOG, hereby inform you that the submitted Research Proposal titled - "Efficiency enhancement of solar cells using photoalignment technique" is approved for extension of financial support to an extent of Rs. 2,25,000/- (Rupees Two Lakh Twenty-Five Thousand Only) under Centre of Excellence in Advanced Materials Research through TEQIP III -1.3; Component head 1.3.2.5.

The Project with permissible consumable and testing with sanctioned amount is tabulated as follows:

Name of the Investigator	Designation	Title of the Proposal	Amount recommended by Evaluator
Dr.M.Anantha Sunil	Assistant Professor	Efficiency enhancement of solar cells using photoalignment technique	2,25,000/-

- 1. Billing to be done in the name of 'The Principal, BMSCE'.
- 2. GST Bill only be honored.
- Only material / consumable to be procured and not equipment as a whole.
- If any item/component is more than Rs.10,000/- as per Institutional procurement norms to be followed (i.e., 3 (Three) Competitive quotation method).
- As per TEQIP norms, Bills for which payment made to vendor in Indian Rupees only will be accepted.
- After receipt of the materials/consumables/testing charges, same has to be entered in departmental ledger and ledger folio no. should be mentioned in all the invoices and All the invoices should be certified by the principal investigator and HOD.



- The invoices with statement of expenditure to be submitted to TEQIP office for reimbursement through HOD.
- 8. As per the directions of the BOG, investigators, beneficiary of the seed money may submit at least one research proposal for getting external research grants / consultancy from external funding Agency. The information of the same to be intimated to the TEQIP office for documentation.

Kindly initiate the execution of the project and submit the bills for reimbursement on or before 25.02.2021 along with the report to the TEQIP Office.

Dr. M. Ramachandra

Coordinator- COE

Dr.Rathanraj K.

Nodal Officer (FIN)

Dr.L.Ravikuma

TEQIP-III Coordinator

cipal.

C.C:

1. Co-ordinators.

2. Concerned HOD.

3. Office Copy.



BMS COLLEGE OF ENGINEERING, BANGALORE Technical Education Quality Improvement Programme-III (TEQIP-III)

Approved Items for consumables/testing charges for project proposal

No.BMS/COE/TEQIP-III/2020-21/ECE/02

Project Title: Efficiency enhancement of solar cells using photoalignment technique

Principal Investigator : Dr.M.Anantha Sunil, Assistant Professor, ECE

SI	Permitted Consumables/Testing
1	Consumables (ITO/FTO substrates, TiO2, Chemicals , Glassware, Dessicator)
2	Photo alignment Material (Sulfuric bisazodye SD1,Cibacron Brilliant Yellow 3G-P CBY,BY, Vinyl pyrolidone)
3	Characterization of Samples (Raman, XPS, HRTEM, Solar Simulator, TGA, Polarizing Optical Microscope, UV-VIS)
4	Device fabrication (Clean room)

Nodal Officer (FIN)

TEQIP-III Coordinator

Principal.

Coordinator- COE



No.BMS/COE/TEQIP-III/2020-21/ECE/03

Date: 71112021

OFFICE ORDER

Subject:-

Sanction of financial support towards Seed Money for R & D activities under

COE research

Reference:

Minutes of 12th Meeting of Sub-BOG dated 15.12.2020.

b. Proposal dated 12.12.2020.

Scrutiny meeting held on 01.01.2021.

As per the aforesaid minutes of meeting of Sub-BOG, hereby inform you that the submitted Research Proposal titled - "Studies on electrical and optical properties of Cu2O thin films for solar cell applications." is approved for extension of financial support to an extent of Rs. 1,05,000/- (Rupees One Lakh Five Thousand Only) under Centre of Excellence in Advanced Materials Research through TEQIP III -1.3; Component head 1.3.2.5.

The Project with permissible consumable and testing with sanctioned amount is tabulated as follows:

Designation	Title of the Proposal	Amount recommended by Evaluator
Assistant Professor	Studies on electrical and optical properties of Cu2O thin films for solar cell applications.	1,05,000/-
		Professor properties of Cu2O thin films for

- Billing to be done in the name of 'The Principal, BMSCE'.
- GST Bill only be honored.
- Only material / consumable to be procured and not equipment as a whole.
- If any item/component is more than Rs.10,000/- as per Institutional procurement norms to be followed (i.e., 3 (Three) Competitive quotation method).
- As per TEQIP norms, Bills for which payment made to vendor in Indian Rupees only will be accepted.
- After receipt of the materials/consumables/testing charges, same has to be entered in departmental ledger and ledger folio no. should be mentioned in all the invoices and All the invoices should be certified by the principal investigator and HOD.



- The invoices with statement of expenditure to be submitted to TEQIP office for reimbursement through HOD.
- 8. As per the directions of the BOG, investigators, beneficiary of the seed money may submit at least one research proposal for getting external research grants / consultancy from external funding Agency. The information of the same to be intimated to the TEQIP office for documentation.

Kindly initiate the execution of the project and submit the bills for reimbursement on or before 25.02.2021 along with the report to the TEQIP Office.

Dr.M.Ramachandra

Dr.Rathanraj K.J

Dr.L.Ravikumar

Coordinator- COE

Nodal Officer (FIN)

TEQIP-III Coordinator

- 1. Co-ordinators.
- 2. Concerned HOD.
- 3. Office Copy.



BMS COLLEGE OF ENGINEERING, BANGALORE Technical Education Quality Improvement Programme-III (TEQIP-III)

Approved Items for consumables/testing charges for project proposal

No.BMS/COE/TEQIP-III/2020-21/ECE/03

Project Title: Studies on electrical and optical properties of Cu2O thin films for solar cell applications.

Principal Investigator: Sanjana T, Assistant Professor, ECE

SI	Permitted Consumables/Testing		
1	Materials :Sputter Targets		
2	Glass, FTO		
3	Characterization charges (Raman, Solar simulator, XPS)		

Dr.M.Ramachandra

Coordinator- COE

Nodal Officer (FIN)

TEQIP-III Coordinator



No.BMS/COE/TEQIP-III/2020-21/ECE/04

Date: 07/01/2021

OFFICE ORDER

Subject : -

Sanction of financial support towards Seed Money for R & D activities under

COE research

Reference:

Minutes of 12th Meeting of Sub-BOG dated 15.12.2020.

Proposal dated 12.12.2020.

Scrutiny meeting held on 01.01.2021.

As per the aforesaid minutes of meeting of Sub-BOG, hereby inform you that the submitted Research Proposal titled - "Fabrication and Characterization of Thin Films for Sensors,NV memory and Waveguide Applications" is approved for extension of financial support to an extent of Rs. 1,24,700/- (Rupees One Lakh twenty four Thousand hundred Only) under Centre of Excellence in Advanced Materials Research through TEQIP III -1.3; Component head 1.3.2.5.

The Project with permissible consumable and testing with sanctioned amount is tabulated as follows:

Name of the Investigator	Designation	Title of the Proposal	Amount recommended by Evaluator
Dr K P Lakshmi	Professor	Fabrication and Characterization of Thin Films for Sensors,NV memory and Waveguide Applications.	1,24,700/-

- Billing to be done in the name of 'The Principal, BMSCE'.
- GST Bill only be honored.
- Only material / consumable to be procured and not equipment as a whole.
- If any item/component is more than Rs.10,000/- as per Institutional procurement norms to be followed (i.e., 3 (Three) Competitive quotation method).
- As per TEQIP norms, Bills for which payment made to vendor in Indian Rupees only will be accepted.
- After receipt of the materials/consumables/testing charges, same has to be entered in departmental ledger and ledger folio no. should be mentioned in all the invoices and All the invoices should be certified by the principal investigator and HOD.



- The invoices with statement of expenditure to be submitted to TEQIP office for reimbursement through HOD.
- 8. As per the directions of the BOG, investigators, beneficiary of the seed money may submit at least one research proposal for getting external research grants / consultancy from external funding Agency. The information of the same to be intimated to the TEQIP office for documentation.

Kindly initiate the execution of the project and submit the bills for reimbursement on or before 25.02.2021 along with the report to the TEQIP Office.

Dr.M.Ramachandra

Dr.Rathafiraj K.V

orital K. V Dr.L.Kavikur

Dr.L.Ravikumar Principa

Coordinator- COE Nodal Officer (FIN)

TEQIP-III Coordinator

- 1. Co-ordinators.
- 2. Concerned HOD.
- 3. Office Copy.



BMS COLLEGE OF ENGINEERING, BANGALORE Technical Education Quality Improvement Programme-III (TEQIP-III)

Approved Items for consumables/testing charges for project proposal

No.BMS/COE/TEQIP-III/2020-21/ECE/04

Project Title: Fabrication and Characterization of Thin Films for Sensors, NV memory and Waveguide Applications

Principal Investigator: Dr K P Lakshmi, Professor, ECE

SI	Permitted Consumables/Testing			
1	Oxygen cylinder (& cubic) capacity, bracing torch with tubes			
2	LPG gas cylinder with regulator			
3	Sample holder facilitating movement in X and Y			
4	Heater power supply for high temperature measurements with PID controller			
5	Glass ampoules			
6	AGI			
7	Ag (Sigma Aldrich)			
8	Sodium Nitrate			
9	NaOH pellets			
10	Germanium			
11	Microscopic Glass Slides			

Dr.M.Ramachandra

Coordinator- COE

ON OF Dr. Ratkayypinks 4

Nodal Officer (FIN)

Dr.L.Ravikumar

TEQIP-III Coordinator



No.BMS/COE/TEQIP-III/2020-21/MECH/14

Date: 20/02/2021

OFFICE ORDER

Subject: -

Sanction of financial support towards Seed Money for R & D activities under COE

research

Reference:

Minutes of 13th Meeting of Sub-BOG dated 12.02.2021.

b. Proposal dated 16.02.2021.

c. Scrutiny meeting held on 18.02.2021.

As per the aforesaid minutes of meeting of Sub-BOG, hereby inform you that the submitted Research Proposal titled - "Weight optimization and performance studies of head gear PAGADE of yakshagana" is approved for extension of financial support to an extent of Rs.70,000/- (Rupees Seventy Thousand Only) under Centre of Excellence in Advanced Materials Research through TEQIP III -1.3; Component head 1.3.2.5.

The Project with permissible consumable and testing with sanctioned amount is tabulated as follows:

Name of the Investigator	Designation	Title of the Proposal	Amount /remarks recommended by Evaluators
Shashiraj	Assistant Professor	Weight optimization and performance studies of head gear PAGADE of yakshagana	70,000/-

- 1. Billing to be done in the name of 'The Principal, BMSCE'.
- 2. GST Bill only be honored.
- 3. Only material / consumable to be procured and not equipment as a whole.
- 4. If any item/component is more than Rs.10,000/- as per Institutional procurement norms to be followed (i.e., 3 (Three) Competitive quotation method).
- As per TEQIP norms, Bills for which payment made to vendor in Indian Rupees only will be accepted.
- After receipt of the materials/consumables/testing charges, same has to be entered in departmental ledger and ledger folio no. should be mentioned in all the invoices and All the invoices should be certified by the principal investigator and HOD.
- 7. The invoices with statement of expenditure to be submitted to TEQIP office for reimbursement through HOD.



8. As per the directions of the BOG, investigators, beneficiary of the seed money may submit at least one research proposal for getting external research grants / consultancy from external funding Agency. The information of the same to be intimated to the TEQIP office for documentation.

Kindly initiate the execution of the project and submit the bills for reimbursement on or before 15.03.2021 along with the report to the TEQIP Office.

Dr.M.Ramachandra

Dr.Rathanraj K.

Dr.L.Ravikumar

rincipal.

Coordinator- COE

Nodal Officer (FIN)

TEQIP-III Coordinator

- 1. Co-ordinators.
- 2. Concerned HOD.
- 3. Office Copy.



BMS COLLEGE OF ENGINEERING, BANGALORE Technical Education Quality Improvement Programme-III (TEQIP-III)

Approved Items for consumables/testing charges for project proposal

No.BMS/COE/TEQIP-III/2020-21/MECH/14

Project Title: Weight optimization and performance studies of head gear PAGADE of yakshagana

Principal Investigator: Shashiraj, Assistant Professor, ME

SI	Permitted Consumables/Testing			
1	PLA material			
2	ABS material			
3	PEEK material			
4	Glass fibers, Carbon fibers and fabric			
5	Assembly consumables (Thermocol sheets, cloth, a dhesives, color tapes and other materials for finishing of Headgear PAGADE)			

Dr.M.Ramachandra

Dr.Rathanraj K.J

Dr.L.Ravikumar

Coordinator- COE

Nodal Officer (FIN)

TEQIP-III Coordinator



No.BMS/COE/TEQIP-III/2020-21/MECH/15

Date: 20/02/2021

OFFICE ORDER

Subject: -

Sanction of financial support towards Seed Money for R & D activities under COE

research

a.

Reference:

Minutes of 13th Meeting of Sub-BOG dated 12.02.2021.

b. Proposal dated 16.02.2021.

c. Scrutiny meeting held on 18.02.2021.

As per the aforesaid minutes of meeting of Sub-BOG, hereby inform you that the submitted Research Proposal titled - "Weight optimization and performance studies of head gear PAGADE of yakshagana" is approved for extension of financial support to an extent of Rs.65,000/- (Rupees Sixty Five Thousand Only) under Centre of Excellence in Advanced Materials Research through TEQIP III -1.3; Component head 1.3.2.5.

The Project with permissible consumable and testing with sanctioned amount is tabulated as follows:

Name of the Investigator	Designation	Title of the Proposal	Amount /remarks recommended by Evaluators
Rashmi R	Assistant Professor	Study of Machining characteristics of Micro-EDM in Inconel 625 and Copper	65,000/-

- 1. Billing to be done in the name of 'The Principal, BMSCE'.
- GST Bill only be honored.
- 3. Only material / consumable to be procured and not equipment as a whole.
- 4. If any item/component is more than Rs.10,000/- as per Institutional procurement norms to be followed (i.e., 3 (Three) Competitive quotation method).
- 5. As per TEQIP norms, Bills for which payment made to vendor in Indian Rupees only will be accepted.
- 6. After receipt of the materials/consumables/testing charges, same has to be entered in departmental ledger and ledger folio no. should be mentioned in all the invoices and All the invoices should be certified by the principal investigator and HOD.
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Kindly initiate the execution of the project and submit the bills for reimbursement on or before 15.03.2021 along with the report to the TEQIP Office.

Dr.M.Ramachandra

Dr.Rathanrai K.J

Dr.L.Ravikumar

rincipal.

Coordinator- COE

Nodal Officer (FIN)

TEQIP-III Coordinator

- 1. Co-ordinators.
- 2. Concerned HOD.
- 3. Office Copy.



BMS COLLEGE OF ENGINEERING, BANGALORE

Technical Education Quality Improvement Programme-III (TEQIP-III)

Approved Items for consumables/testing charges for project proposal

No.BMS/COE/TEQIP-III/2020-21/MECH/15

Project Title: Study of Machining characteristics of Micro-EDM in Inconel 625 and Copper

Principal Investigator: Rashmi R, Assistant Professor, ME

SI	Permitted Consumables/Testing
1	Inconel
2	Copper
3	Electrodes

Dr.M.Ramachandra

Dr.Rathanraj K.

Dr.L.Ravikumar

Coordinator- COE

Nodal Officer (FIN)

TEQIP-III Coordinator



No.BMS/COE/TEQIP-III/2020-21/MECH/16

Date: 20/02/2021

OFFICE ORDER

Subject: -

Sanction of financial support towards Seed Money for R & D activities under COE

research

Reference:

a. Minutes of 13th Meeting of Sub-BOG dated 12.02.2021.

b. Proposal dated 16.02.2021.

c. Scrutiny meeting held on 18.02.2021.

As per the aforesaid minutes of meeting of Sub-BOG, hereby inform you that the submitted Research Proposal titled - "Cutting performance and wear characteristics of PVD and CVD coated tools in machining of hard materials" is approved for extension of financial support to an extent of Rs.90,000/- (Rupees Ninety Thousand Only) under Centre of Excellence in Advanced Materials Research through TEQIP III -1.3; Component head 1.3.2.5.

The Project with permissible consumable and testing with sanctioned amount is tabulated as follows:

Name of the Investigator	Designation	Title of the Proposal	Amount /remarks recommended by Evaluators
Dr Vardhaman S Mudakappanavar	Associate Professor	Cutting performance and wear characteristics of PVD and CVD coated tools in machining of hard materials	90,000/-

- 1. Billing to be done in the name of 'The Principal, BMSCE'.
- 2. GST Bill only be honored.
- 3. Only material / consumable to be procured and not equipment as a whole.
- If any item/component is more than Rs.10,000/- as per Institutional procurement norms to be followed (i.e., 3 (Three) Competitive quotation method).
- 5. As per TEQIP norms, Bills for which payment made to vendor in Indian Rupees only will be accepted.
- After receipt of the materials/consumables/testing charges, same has to be entered in departmental ledger and ledger folio no. should be mentioned in all the invoices and All the invoices should be certified by the principal investigator and HOD.
- The invoices with statement of expenditure to be submitted to TEQIP office for reimbursement through HOD.



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Kindly initiate the execution of the project and submit the bills for reimbursement on or before 15.03.2021 along with the report to the TEQIP Office.

Dr.M.Ramachandra

Dr. Rathanraj K.J

Dr.L.Ravikuma

rincipal.

Coordinator- COE

Nodal Officer (FIN)

TEQIP-III Coordinator

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- 3. Office Copy.



BMS COLLEGE OF ENGINEERING, BANGALORE

Technical Education Quality Improvement Programme-III (TEQIP-III)

Approved Items for consumables/testing charges for project proposal

No.BMS/COE/TEQIP-III/2020-21/MECH/16

Project Title: Cutting performance and wear characteristics of PVD and CVD coated tools in machining of hard materials

Principal Investigator: Dr Vardhaman S Mudakappanavar, Associate Professor, ME

SI Permitted Consumables/Te				
1	HSS Drill bit			
2	Carbide Drill bit			
3	PVD coating on HSS drill bits			
4	CVD coating on carbide drill bits			
5	EN8 Steel			

Dr.M.Ramachandra

Coordinator- COE

Nodal Officer (FIN)

Dr.L.Ravikumar

TEQIP-III Coordinator



No.BMS/COE/TEQIP-III/2020-21/BT/02

Date: 20/02/2021

OFFICE ORDER

Subject: -

Sanction of financial support towards Seed Money for R & D activities under COE

research

Reference:

Minutes of 13th Meeting of Sub-BOG dated 12.02.2021.

b. Proposal dated 16.02.2021.

c. Scrutiny meeting held on 18.02.2021.

As per the aforesaid minutes of meeting of Sub-BOG, hereby inform you that the submitted Research Proposal titled - "Bioactive Dressings for treatment of third degree burns" is **approved for extension of financial support to an extent of Rs.1,00,000/-** (Rupees One Lakh Only) under Centre of Excellence in Advanced Materials Research through TEQIP III -1.3; Component head 1.3.2.5.

The Project with permissible consumable and testing with sanctioned amount is tabulated as follows:

Name of the Investigator	Designation	Title of the Proposal	Amount /remarks recommended by Evaluators
Dr V Saisha	Assistant Professor	Bioactive Dressings for treatment of third degree burns	1,00,000/-

- 1. Billing to be done in the name of 'The Principal, BMSCE'.
- 2. GST Bill only be honored.
- 3. Only material / consumable to be procured and not equipment as a whole.
- 4. If any item/component is more than Rs.10,000/- as per Institutional procurement norms to be followed (i.e., 3 (Three) Competitive quotation method).
- 5. As per TEQIP norms, Bills for which payment made to vendor in Indian Rupees only will be accepted.
- After receipt of the materials/consumables/testing charges, same has to be entered in departmental ledger and ledger folio no. should be mentioned in all the invoices and All the invoices should be certified by the principal investigator and HOD.
- The invoices with statement of expenditure to be submitted to TEQIP office for reimbursement through HOD.



8. As per the directions of the BOG, investigators, beneficiary of the seed money may submit at least one research proposal for getting external research grants / consultancy from external funding Agency. The information of the same to be intimated to the TEQIP office for documentation.

Kindly initiate the execution of the project and submit the bills for reimbursement on or before 15.03.2021 along with the report to the TEQIP Office.

Dr.M.Ramachandra

Dr. Rathanraj K.J

Dr.L.Ravikumar

rincipal.

Coordinator- COE

Nodal Officer (FIN)

TEQIP-III Coordinator

- 1. Co-ordinators.
- 2. Concerned HOD.
- 3. Office Copy.



BMS COLLEGE OF ENGINEERING, BANGALORE Technical Education Quality Improvement Programme-III (TEQIP-III)

Approved Items for consumables/testing charges for project proposal

No.BMS/COE/TEQIP-III/2020-21/BT/02

Project Title: Bioactive Dressings for treatment of third degree burns

Principal Investigator: Dr Saisha Vinjamuri, Assistant Professor, BT

SI	Permitted Consumables/Testing	
1	Bioactive Collagen	
2	Hyaluronic acid/sodium hyaluronate 1gra	
3	Polycaprolactone 100gm*2	
4	Poly (D,L lactide Co glycolide (PLGA)	

Dr.M.Ramachandra

Dr.Rathanraj K.

Dr.L.Ravikumar

Coordinator- COE

Nodal Officer (FIN)

TEQIP-III Coordinator



No.BMS/COE/TEQIP-III/2020-21/ECE/05

Date:20/02/2021

OFFICE ORDER

Subject :- Sanction of financial support towards Seed Money for R & D activities under COE research

Reference: a. Minutes of 13th Meeting of Sub-BOG dated 12.02.2021.

b. Proposal dated 16.02.2021.

c. Scrutiny meeting held on 18.02.2021.

As per the aforesaid minutes of meeting of Sub-BOG, hereby inform you that the submitted Research Proposal titled - "Investigation of Gas senor properties of substituted spine ferrite gas sensors" is approved for extension of financial support to an extent of Rs. 69,000/- (Rupees Sixty Nine Thousand Only) under Centre of Excellence in Advanced Materials Research through TEQIP III -1.3; Component head 1.3.2.5.

The Project with permissible consumable and testing with sanctioned amount is tabulated as follows:

Name of the Investigator	Designation	Title of the Proposal	Amount /remarks recommended by Evaluators	Name of co- investigator
Dr Kiran Bailey	Assistant Professor	Investigation of Gas senor properties of substituted spinel ferrite gas sensors	69,000/-	K Sujatha ,ECEand Dr Srinidhi M,CHY

- Billing to be done in the name of 'The Principal, BMSCE'.
- GST Bill only be honored.
- Only material / consumable to be procured and not equipment as a whole.
- If any item/component is more than Rs.10,000/- as per Institutional procurement norms to be followed (i.e., 3 (Three) Competitive quotation method).
- 5. As per TEQIP norms, Bills for which payment made to vendor in Indian Rupees only will be accepted.
- After receipt of the materials/consumables/testing charges, same has to be entered in departmental ledger and ledger folio no. should be mentioned in all the invoices and All the invoices should be certified by the principal investigator and HOD.
- The invoices with statement of expenditure to be submitted to TEQIP office for reimbursement through HOD.



No.BMS/COE/TEQIP-III/2020-21/IEM/02

Date: 20/02/2021

OFFICE ORDER

Subject : -

Sanction of financial support towards Seed Money for R & D activities under COE

research

Reference:

Minutes of 13th Meeting of Sub-BOG dated 12.02.2021.

Proposal dated 16.02.2021.

Scrutiny meeting held on 18.02.2021.

As per the aforesaid minutes of meeting of Sub-BOG, hereby inform you that the submitted Research Proposal titled - "Evaluation of mechanical properties and characterization of Biodegradable palf-sisal fiber reinforced polymer composites for prosthesis" is **approved for extension of financial support to an extent of Rs.76,000/-** (Rupees Seventy Six Thousand Only) under Centre of Excellence in Advanced Materials Research through TEQIP III -1.3; Component head 1.3.2.5.

The Project with permissible consumable and testing with sanctioned amount is tabulated as follows:

Name of the Investigator	Designation	Title of the Proposal	Amount /remarks recommended by Evaluators
Dr.Ramji B.R.	Professor	Evaluation of mechanical properties and characterization of Biodegradable palf-sisal fiber reinforced polymer composites for prosthesis	76,000/-

- Billing to be done in the name of 'The Principal, BMSCE'.
- 2. GST Bill only be honored.
- Only material / consumable to be procured and not equipment as a whole.
- If any item/component is more than Rs.10,000/- as per Institutional procurement norms to be followed (i.e., 3 (Three) Competitive quotation method).
- 5. As per TEQIP norms, Bills for which payment made to vendor in Indian Rupees only will be accepted.
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- The invoices with statement of expenditure to be submitted to TEQIP office for reimbursement through HOD.



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Kindly initiate the execution of the project and submit the bills for reimbursement on or before 15.03.2021 along with the report to the TEQIP Office.

Dr.M.Ramachandra

Di.Nauramaj iy.

Dr.L.Ravikumar

rincipal.

Coordinator- COE

Nodal Officer (FIN)

TEQIP-III Coordinator

- 1. Co-ordinators.
- 2. Concerned HOD.
- 3. Office Copy.



BMS COLLEGE OF ENGINEERING, BANGALORE Technical Education Quality Improvement Programme-III (TEQIP-III)

Approved Items for consumables/testing charges for project proposal

No.BMS/COE/TEQIP-III/2020-21/IEM/02

Project Title: Evaluation of mechanical properties and characterization of Biodegradable palf-sisal fiber reinforced polymer composites for prosthesis

Principal Investigator: Dr.Ramji B.R, Professor, IEM

SI	Permitted Consumables/Testing
1	PALF and Sisal Fiber
2	Epoxy resin and Hardener

Dr.M.Ramachandra

Coordinator- COE

Nodal Officer (FIN)

DI.L.Kavikumar

TEQIP-III Coordinator