



Committed to developing "Conscientious, Confident & Caring quality nursing professionals"
MAHARSHI KARVE STREE SHIKSHAN SAMSTHA'S

Smt. Bakul Tambat Institute of Nursing Education

(Affiliated to MSBNPE, MNC, MUHS & INC, NAAC Accredited) 'A' Grade



Criteria III

Research, Innovations And Extension (2024-25)

3.1 – Resource Mobilization for Research

3.1.2 – Fellowship award letter/ grant letter from the funding agency.

(2024-25)



Committed to developing "Conscientious, Confident & Caring quality nursing professionals"
MAHARSHI KARVE STREE SHIKSHAN SAMSTHA'S

Smt. Bakul Tambat Institute of Nursing Education

(Affiliated to MSBNPE, MNC, MUHS & INC, NAAC Accredited)



Ref. No.: 457 /BTINE/2025

Date: 25/08/2025

To,
The Registrar
Maharashtra University of Health Sciences,
Nashik 422 004

Sub.: Final submission of Short-Term Research Grant (STRG) details to MUHS.

Respected Sir/ Madam,

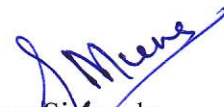
As per your University Research Department Letter No. MUHS/Notification No. 44/2019 (amended 2023). Thank you for sanctioning our research proposal for Short Term Research Grant (STRG) on the topic **"Correlation between the nutrice score, adequacy of energy and protein intake, with the duration of mechanical ventilation in the ICU patients."**

We are sending the following documents:

1. Progress report of the STRG project.
2. Final report of the STRG project.
3. Certificate from guide/mentor.
4. Income and expenditure statement.
5. Utilization certificate.

Kindly attach a copy of all required details.

Thanking you.


Yours Sincerely,

PRINCIPAL

**Maharshi Karve Stree Shikshan Samstha's
Smt. Bakul Tambat Institute of
Nursing Education
Karvenagar, Pune-411052.**



Committed to developing "Conscientious, Confident & Caring quality nursing professionals"

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Smt. Bakul Tambat Institute of Nursing Education

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Ref. No.: 457/BTINE/2025

Date: 25/08/2025

To,
The Registrar
Maharashtra University of Health Sciences,
Nashik 422 004

Respected Sir/ Madam,

I, **Ms. Bhakti Shriniwas Kulkarni**, Designation **passed M.Sc. Nursing student Dept. Nursing** of MKSSS, Smt. Bakul Tambat Institute of Nursing Education, Pune- 411 052, hereby submits my First Progress Report (PR) of the STRG project with the following details:

1. The date of implementation of the project is **July 1, 2025**.
2. Tentative date of completion: **The project has already been completed.**
3. **Title of the project: Correlation Between the NUTRIC Score, Adequacy of Energy, and Protein Intake with the Duration of Mechanical Ventilation in ICU.**
4. PR period: **From September 2023 to February 2024.**
5. Number and Date of previous PR First dated 24 July 2025
6. Details of PR: **Brief resume of the work done, to date, with findings:** The work of research is already done, as it was short-term research for academic fulfillment. The study's results reveal a significant positive correlation between the NUTRIC score and the duration of mechanical ventilation (Pearson's $r = 0.69, p < 0.05$). However, no statistically significant correlations were found between energy intake ($r = -0.05, p > 0.05$) or protein intake ($r = -0.06, p > 0.05$) with the duration of mechanical ventilation. This suggests that = higher NUTRIC scores are associated with longer ventilation durations; energy and protein intake do not significantly influence ventilation time.
7. Work remaining to complete the project, and the work to be done during the remaining period: **Project is completed.**

Date: 25/08/2025

Signature of Applicant

Remarks by Head of Department

Date: 25/08/2025

Signature:

Name: Mrs. Nupoor Ninad Bhambid

Department: Medical Surgical Nursing

Remarks by the Head of the Institute

Satisfactory performance, hence forwarded to the University.

Date: 25/08/2025

Place: Pune



Signature:

Name: Dr. Meena Ganapathy

Stamp of Head of Institute

PRINCIPAL

Maharshi Karve Stree Shikshan Samstha's
**Smt. Bakul Tambat Institute of
Nursing Education
Karvenagar, Pune-411052.**

Specimen Format
Final Report of Research Grant - STRG/ LTRG/ IMR/IMPACT

Through Proper Channel

To,
The Registrar
Maharashtra University of Health Sciences,
Nashik 422 004

Respected Sir/Madam,

I, **Ms. Bhakti Shriniwas Kulkarni**, Department of Nursing of MKSSS, Smt. Bakul Tambat Institute of Nursing Education, Pune-52, hereby submits my Final Report of the STRG project with the following details.

1. The date of implementation of the project is **July 1, 2025**
2. Tentative date of completion: **completed.**
3. Title of the project- **Correlation Between the NUTRIC Score, Adequacy of Energy, and Protein Intake with the Duration of Mechanical Ventilation in ICU.**
4. Name of the Guide/Mentor: **Mrs. Nupoor Ninad Bhambid.**

5. Details of Final Report: The research work is already done, as it was short-term research for academic fulfillment. The study's results reveal a significant positive correlation between the NUTRIC score and the duration of mechanical ventilation (Pearson's $r = 0.69$, $p < 0.05$). However, no statistically significant correlations were found between energy intake ($r = -0.05$, $p > 0.05$) or protein intake ($r = -0.06$, $p > 0.05$) with the duration of mechanical ventilation. This suggests that = higher NUTRIC scores are associated with longer ventilation durations; energy and protein intake do not significantly influence ventilation time.

Date: 25/08/2025



Signature of Applicant

Certificate from Guide/Mentor

This is to certify that the STRG project entitled Correlation **Between the NUTRIC Score, Adequacy of Energy and Protein Intake with the Duration of Mechanical Ventilation in the ICU** undertaken by **Ms.Bhakti Shriniwas Kulkarni, PRN 2622100078**, was studying in M.Sc. Nursing has been carried out under my direct supervision and is true. The overall work and attendance of the student during the period from September 2023 to February 2024 are satisfactory.

Date: 25/08/2025

Signature: 

Name: Mrs. Nupoor Ninad Bhambid

Remarks by Dean/Principal

Satisfactory performance, hence forwarded to the University.

Date: 25/08/2025

Place: Pune



Signature: 

Name: Dr. Meena Ganapathy

Stamp of Head of Institute

PRINCIPAL
Maharshi Karve Stree Shikshan Samstha's
Smt. Bakul Tambat Institute of
Nursing Education
Karvenagar, Pune-411052.

Maharashtra University of Health Sciences, Nashik

UTILIZATION CERTIFICATE

S.N	Letter No. and Date	Amount	
1	MUHS/Notification No.44/2019 (amended 2023)	29,000/-	Certified that out of Rupees 29,000/- of grant / advance sanction during the year in favor of STRG under Maharashtra University of Health Sciences, Nashik letter no given in the margin and Rs __ Nil __/-on account of unspent balance of the previous year a sum of Rs.29,000/- has been utilized for the purpose of the STRG for which it was sanctioned and that the balance of Rs. Nil remaining unutilized at the end of the year 2024 has been surrendered to Maharashtra University of Health Sciences, Nashik. (Letter No, Dated) / will be adjusted towards the grant / Advance payable during the next year __ Nil __
	Total	29,000/-	

2. Certified that I have satisfied myself that the conditions on which the grants in aid were sanctioned have been duly fulfilled/are being fulfilled and that have exercised the following checks to see that the money was actually utilized for the purpose for which it was sanctioned.

Kinds of checks exercised.

1. Vouchers with supporting.
2. Sanction letter for grant.
3. Statement of Expenses

UDIN: 25114665BMGXSY1031

DATE : 19th August, 2025
PLACE : Ichalkaranji



For ANIL RATHI & ASSOCIATES
CHARTERED ACCOUNTANTS

Anil
ANIL M. RATHI
M.No.114665
FRN.123806W

TRUE COPY
M. Meena
PRINCIPAL
MKSS's B T Institute of
Nursing Education
Karvenagar, Pune-52.

UTILIZATION CERTIFICATE

Certified that the accounts of the expenditure of Maharshi Karve Stree Shikshan Samstha's Smt. Bakul Tambat Institute of Nursing Education Unit for the year 2023-24 in respect of the research grant STRG have been audited by me with reference to the vouchers and books of accounts and the norm of the expenditure and relevant guidance there too. The statement of an account of a research grant (STRG) duly signed by me is enclosed.

It is therefore hereby certified that rupees 14,500/- grant was received (50% amount of Rs 29,000/- grant sanctioned) and whereas research grant (STRG) total expenditure Rs.35,100/- was incurred and hence Research Grant (STRG) Rs 14,500/- balance amount is receivable from university. The college has utilized the grant for implementation for the Research Grant in accordance with the terms and conditions, procedures, norms and guidelines laid down for the purpose.

UDIN: 25114665BMGXSY1031

DATE : 19th August, 2025
PLACE : Ichalkaranji



For ANIL RATHI & ASSOCIATES
CHARTERED ACCOUNTANTS

ANIL M. RATHI
M.No.114665
FRN.123806W

TRUE COPY

PRINCIPAL
MKSS's BT Institute of
Nursing Education
Karvenagar, Pune-52.

30/B, Yashwant Colony, Behind Modern High School, Ichalkaranji - 416115, Mobile 9822767019, email: ca.anrathi@gmail.com

Maharshi Karve Stree Shikshan Samstha's Smt. Bakul Tambat Institute of Nursing Education,
Karvenagar, Pune 411052

Name of Researcher: Bhakti Kulkarni

Title of the Research: To assess the correlation between the NUTRIC score and adequacy of energy and protein intake with the duration of mechanical ventilation in intensive care unit in selected hospital of the city.

From: Maharashtra University of Health Sciences, Nashik

Type of Grant: STRG

Grant amount sanctioned: Rs.29,000/-

Income and Expenditure Statement

Income	Amount Rs	Budget Head	Sr. No	Item	Name	Amount	Total Amount
Grant/Advance received from Maharashtra University of Health Sciences, Nashik Vide NEFT reference NO. 001987 Dated 23/05/2025	14,500	Recurring Expenses					
		1)Research Related Material	1	Statistician Pilot Study Analysis	Divya Abhijit Kulkarni	2,000	12,000
				Main Research Study		10,000	
			2	Data Entry & Typing Charges	Shubhankar Enterprises Xerox	4,000	4000
			3	Tool Validity Xerox	Shubhankar Enterprises Xerox	1,500	
			4	Tool Xerox & Scanning Charges		3,000	
		2)Recurring expenses for stationary, printing			Golden embossing printout transparency binding	10,000	
		Travelling				4,600	4,600
Amount Receivable from MUHS	14,500						
Total	29,000				Total	35,100	35,100

UDIN:25114665BMGXSY1031

For ANIL RATHI & ASSOCIATES
CHARTERED ACCOUNTANTS



DATE : 19th August, 2025
PLACE : Ichalkaranji

ANIL M. RATHI
M.No.114665
FRN.123806W

TRUE COPY

PRINCIPAL
MKSS's B T Institute of
Nursing Education
Karvenagar, Pune-52.

DIVYA ABHIJEET KULKARNI

Near Manjri Road, Pune - 412307 M. No. 9420932100
E-Mail - akkolhapur@gmail.com

INVOICE

Inv.No. : 015

Date : 12/02/2024

To,
Ms. Bhakti Shriniwas Kulkarni,
Maharshi Karve Street Shikshan Sanstha's,
Smt. Bakul Tambat Institute of Nursing Education,
Karvenagar, Pune

Sr.No.	Description	Amt.(Rs.)
1	Charges for statistical analysis of Data	10000
2	Pilot Study	2000
Total Amount		12000
Amount (In Words) Twelve thousand only		

Bank Details :

Account Name	Divya Abhijeet kulkarni
Bank Name	State Bank Of India
Bank Account No.	40094628211
IFSC Code	SBIN0011136

Thanking you,

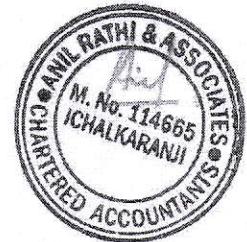
For Divya Abhijeet Kulkarni



Authorised Signature

TRUE COPY


PRINCIPAL
MKSS's B T Institute of
Nursing Education
Karvenagar, Pune-52.



SHUBHANKAR ENTERPRISES

STATIONERY & ZEROX

Near Maruti Mandir, Maruti Road, Sangli - 416 416

Jumbo Xerox (A2/A1/AO), Jumbo Colour Printout (A2/A1/AO),
Laser Prin, Colour Print, Spiral Binding, Golden Embossing,
All Scanning, Wholesale Stationery Supplier

Invoice No. : 058

Dated : 15/02/2024

To,
M/S. Bhakti Shriniwas Kulkarni
Pune

Particulars	Qty	Rate	Amount
Data Entry & Typing Charges			4000
Total			4000
Amount (In Words) : Four thousand only			

Goods once sold will not be taken back

Thanks & Regards



For Shubhankar Enterprises



Proprietor / manager

TRUE COPY

M. Meena
PRINCIPAL
MKSS's B T Institute of
Nursing Education
Karvenagar, Pune-52.

SHUBHANKAR ENTERPRISES

STATIONERY & ZEROX

Near Maruti Mandir, Maruti Road, Sangli - 416 416

Jumbo Xerox (A2/A1/AO), Jumbo Colour Printout (A2/A1/AO),
Laser Prin, Colour Print, Spiral Binding, Golden Embossing,
All Scanning, Wholesale Stationery Supplier

Invoice No. : 0144

Dated : 26/12/2023

To,
M/S. Bhakti Shriniwas Kulkarni
Pune

Particulars	Qty	Rate	Amount
Tool Validity Zerox	15	100	1500
Total			1500
Amount (In Words) : One thousand five hundred only			

Goods once sold will not be taken back

Thanks & Regards

For Shubhankar Enterprises



TRUE COPY

PRINCIPAL
MKSS's BT Institute of
Nursing Education
Karvenagar, Pune-52.



Proprietor / manager

SHUBHANKAR ENTERPRISES

STATIONERY & ZEROX

Near Maruti Mandir, Maruti Road, Sangli - 416 416

Jumbo Xerox (A2/A1/AO), Jumbo Colour Printout (A2/A1/AO),
Laser Prin, Colour Print, Spiral Binding, Golden Embossing,
All Scanning, Wholesale Stationery Supplier

Invoice No. : 035

Dated : 04/01/2024

To,
M/S. Bhakti Shriniwas Kulkarni
Pune

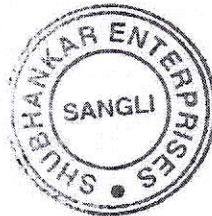
Particulars	Qty	Rate	Amount
Scanning, Zerox & Tool Zerox	100	30	3000
Total			3000
Amount (In Words) : Three thousand only			

Goods once sold will not be taken back

Thanks & Regards



For Shubhankar Enterprises



Proprietor / manager

TRUE COPY

M. N. N.
PRINCIPAL
MKSS's B T Institute of
Nursing Education
Karvenagar, Pune-52.

SHUBHANKAR ENTERPRISES

STATIONERY & ZEROX

Near Maruti Mandir, Maruti Road, Sangli - 416 416

Jumbo Xerox (A2/A1/AO), Jumbo Colour Printout (A2/A1/AO),
Laser Prin, Colour Print, Spiral Binding, Golden Embossing,
All Scanning, Wholesale Stationery Supplier

Invoice No. : 118

Dated : 17/06/2024

To,
M/S. Bhakti Shriniwas Kulkarni
Pune

Particulars	Qty	Rate	Amount
Golden Embossing- Printout Transperancy Binding	4	2500	10000
Total			10000
Amount (In Words) : Ten thousand only			

Goods once sold will not be taken back

Thanks & Regards

For Shubhankar Enterprises



TRUE COPY

M. N. N.
PRINCIPAL
MKSS's B T Institute of
Nursing Education
Karyenagar, Pune-52.



[Signature]
Proprietor / manager

Payment of Rs. 14,500 towards Maharshi Karve Stree Shikshan Sansthas , Smt.Bakul Tambat Institute Of Nursing Education, Pune, Pin-411052 Through NEFT.

MUHS - UniSuite (No Reply) [Finance & Accounts Department] <muhs_no-reply@unisuite.in>
To: btine03@gmail.com
Cc: urd@muhs.ac.in

Wed, Jun 25, 2025 at 11:50 PM



Maharashtra University of Health Sciences, Nashik
Dindori Road, Mhasrul, Nashik - 422004

Dear **Maharshi Karve Stree Shikshan Sansthas , Smt.Bakul Tambat Institute Of Nursing Education, Pune, Pin-411052,**
, Nashik

Reference: Payment of Rs. 14,500 towards Maharshi Karve Stree Shikshan Sansthas , Smt.Bakul Tambat Institute Of Nursing Education, Pune, Pin-411052 Through NEFT
For : Short Term Research Grant 2023-24 (Phase-2)
Voucher Date : 23.May.2025, **Voucher No :** 2523

This is to Inform you that Rs. **14,500** (In words : **Fourteen Thousand Five Hundred Rupees Only.**), is deposited in your Account No:**53392010017810.** at **Canara Bank** Branch: Karve Nagar Branch, IFSC Code : **CNRB0015339.** towards the payment of **Short Term Research Grant 2023-24 (Phase-2)** through **NEFT**
Reference No : **001987** .

In case you do not receive the payment in next 3-4 working days from the date of receipt of this email, then kindly contact the respective department in the University or Finance & Accounts Office for further details.



Yours Faithfully,

Superintendent
Accounts (Expenditure)
Maharashtra University of Health Sciences, Nashik

Note : This is a computer-generated automated email and does not require any signature. Kindly do not reply to this