

Sikkim Manipal College of Nursing

Research Updates

I. Research Study detail

A. MSc Nursing (Completed)

Batch (2016-18)

1. Knowledge, Attitude and health seeking behavior on Mental Health Problems among urban population of Gangtok, Sikkim
2. Attitude towards suicide and assessment of risk factors of suicide among adolescents at selected school, Sikkim
3. Knowledge and Attitude on Prevention of Cervical Cancer among women residing in Urban and Rural Community in Sikkim.
4. Effectiveness of P6 acupressure on reduction of Nausea, Vomiting and retching among antenatal women attending antenatal clinics at District Hospitals of Sikkim
5. Effect of social media Network participation on academic performance and social behavioral pattern of adolescent students from selected senior secondary schools of Sikkim.
6. Effectiveness of Informational booklet on Knowledge regarding the management of Minor disorders of pregnancy among antenatal women attending OPD at selected Hospitals of Sikkim
7. Knowledge and Practice of Active management of Third stage of Labour among Nursing students in selected Hospitals, Gangtok, Sikkim
8. Stress, Depression, Anxiety experiences and coping strategies adopted by the spouses of alcoholic admitted in selected Hospitals of Sikkim.
9. Effectiveness of Self Instructional module on Knowledge of Primary school Teachers regarding Attention Deficit Hyperactive Disorder in selected Schools, Gangtok, Sikkim.

Batch (2017-19)

10. Knowledge, practice and barriers affecting utilization of family planning methods among the married couples residing in urban and rural areas of Sikkim
11. Emotional problems among adolescent of working and nonworking mothers in selected schools of Sikkim
12. A co-relational study on knowledge and practice of immediate newborn care among student nurses in labour room of selected hospital, Sikkim
13. A study to assess the knowledge and practice of health care providers regarding prevention of needle stick injury in selected hospitals, East Sikkim.
14. Effectiveness of demonstration of posture maintenance on reduction of low back pain among primigravida women attending antenatal OPD in selected hospitals of Sikkim.
15. A study to assess the practice and perception of early initiation of breastfeeding and its associated factors among postnatal mothers admitted in selected hospitals of Gangtok, East Sikkim
16. Effectiveness of Helfer skin tap technique on pain reduction among the patients receiving intramuscular injection in selected hospitals, Gangtok, Sikkim
17. A study to assess knowledge and attitude of diabetic patients regarding prevention of complications of diabetes mellitus in selected hospitals, Sikkim.
18. Effectiveness of self- instructional module on knowledge regarding First Aid management among anganwadi workers in selected district of Sikkim
19. Effectiveness of intermittent normal saline flushing in maintaining the patency of peripheral intravenous cannula among hospitalized patients admitted in selected hospitals of Sikkim
20. A study to assess quality of sleep among nurses working in day shift and rotating shift in selected hospitals of Sikkim.
21. A study to assess care giver burden and quality of life among care giver of mentally ill patients in selected hospital of Sikkim.
22. Knowledge on tuberculosis and factors contributing to non-compliance with treatment among tuberculosis patients registered at selected DOTS centres of East Sikkim.

23. Effectiveness of Self-Instructional Module (SIM) on minor ailments in school children in terms of knowledge among the Government Primary School Teachers, Sikkim
24. Effectiveness of an educational program on child abuse and neglect in terms of knowledge and identification of barriers in reporting suspected cases among the school teachers in selected Government schools of Sikkim.
25. Quality of life of cancer patient undergoing cancer treatment in selected hospitals of Gangtok, East Sikkim

Batch (2018-20)

26. Knowledge and practice regarding prevention of pressure ulcer among staff nurses in selected hospitals, Gangtok, East Sikkim
27. Effectiveness of structured teaching programme on knowledge and practice regarding warm chain in prevention of hypothermia in new-born among 3rd year and 4th year BSc. Nursing students of selected Nursing College of Gangtok, Sikkim
28. Effectiveness of school-based teaching programme on knowledge regarding recognition and management of adolescent's suicidal behaviour among school teachers in selected schools, Sikkim
29. Comparison of effectiveness of ice cube and vapocoolant spray as an anaesthetic pre-treatment for IM injection among patients in selected hospitals, East Sikkim
30. Anxiety and depression among antepartum and immediate postpartum women admitted in OBG wards of selected hospitals of Gangtok, Sikkim
31. Sleep disturbance, anxiety and fatigue in family members of patients admitted to intensive care unit and coping strategies adopted by them in selected hospitals of East Sikkim
32. Quality of life among patients undergoing Opioid Substitution Therapy in hospitals of Sikkim
33. Comparison of marital satisfaction and marital coping style adopted by working and non-working pregnant women attending antenatal outpatient department of Government and private hospitals of Sikkim
34. Knowledge and practice of staff nurses regarding prevention of postoperative surgical complications

Batch (2019-21)

35. Effectiveness of psychoeducation on coping with depressive symptoms among patient receiving ATT in selected hospitals, East Sikkim.
36. Effectiveness of ginger tea on nausea, vomiting and retching among antenatal mothers residing in rural community of East Sikkim
37. Effectiveness of planned teaching programme on knowledge regarding breast engorgement and newborn feeding behaviour among primigravida mothers admitted at selected hospitals, Gangtok, Sikkim.
38. Effectiveness of sacral warm compress on pain during first stage of labour among primigravida women admitted in selected wards of hospitals, Gangtok, Sikkim
39. An exploratory study on factors affecting thermoregulation among the newborns at selected hospitals of Gangtok Sikkim.
40. Nutritional status of under five children among ethnic communities of East Sikkim

B. MSc Nursing (Ongoing)

41. Effectiveness of Intradialytic leg exercise and stretching exercises on fatigue and muscle cramps among patient subjected to hemodialysis at selected hospitals, Sikkim
42. To assess the effectiveness of aloe vera gel application on prevention and treatment of phlebitis among patient receiving intravenous therapy at selected hospitals of Sikkim
43. A study to assess the effectiveness of a self-instructional module on the knowledge & practice regarding proper body mechanics among staff nurses working in selected hospital of Gangtok, Sikkim
44. A study to assess the knowledge and Practice of Ventilator associated pneumonia (VAP) bundle care of mechanical ventilated patient among staff nurses working in the selected hospital of Sikkim
45. Home schooling & stress among working and non-working mother of children residing in urban areas of Gangtok, Sikkim
46. Effectiveness of anger management education adolescent in selected school in Sikkim

47. Efficacy of mnemonic in enhancing memory based on the preferred learning style of the students of selected college of Sikkim
48. Effectiveness of planned teaching programme on awareness regarding promotion of mental health among adolescent in selected school of Gangtok, East Sikkim
49. To estimate the prevalence of anemia and provide preventive measures according to WHO guidelines among the adolescents girl of selected schools of Sikkim
50. Introducing pelvic rocking exercise on dysmenorrhea among adolescent girls in selected schools, Sikkim
51. Knowledge and practice on management of Cold chain on among the cold chain handlers in PHC, Sikkim
52. Self-medication prevalence & practice in rural and urban population in Sikkim
53. A study to evaluate the effectiveness of SIM on knowledge and practice regarding complementary feeding among infant's mothers of selected area of Sikkim
54. A study to compare the growth & development of schoolers age 6-12years of employed and unemployed mothers of selected schools of Sikkim
55. To compare BMI with food practice and physical activity among adolescents in selected urban and rural school of Sikkim
56. Effectiveness of blended learning among children of selected Govt. school of Gangtok, Sikkim
57. A study to evaluate the effectiveness of assertiveness training on low self-esteem among adolescents at selected schools of Sikkim
58. Knowledge, practice and attitude regarding assessment and care of under 5 based on IMNCI guidelines among health care professionals of selected PHC, Sikkim
59. Prevalence and quality of life among PCOS students of selected colleges in Sikkim
60. Knowledge and attitude towards acceptance of COVID-19 vaccine among pregnant mothers
61. Pre-lacteal feeding and its association among different communities of Sikkim
62. Cognitive level and practice regarding MCH services among ANM working in PHC and Sub-centre of selected district, Sikkim

C. B Sc Nursing Research(Completed)

Batch (2018-22)

1. A study to assess the effectiveness of online teaching Programme among the 1st year nursing students of SMCON, Sikkim
2. A study to assess the level of fear and apprehension experienced by the health care worker towards penetrating violence against them in selected hospitals of Gangtok, Sikkim
3. Language Barrier on effective communication among the B.Sc Nursing students of Sikkim Manipal College of Nursing of Gangtok, Sikkim
4. A study to compare the knowledge and practice of nurses about occupational health hazards in Central Referral Hospital (CRH) and Sohakgang multi-speciality hospital gangtok of Sikkim.

Batch 2017-21

5. Knowledge and attitude regarding nosocomial infection among staff nurses of Central Referral Hospital, Gangtok, East Sikkim
6. Knowledge, practice and barrier regarding the usage of Personal Protective Equipment among healthcare students of Sikkim Manipal University
7. Knowledge, attitude and practice regarding Biomedical Waste Management among Group D workers, Central Referral Hospital, Sikkim
8. Contributing factors and challenges experienced by student nurses in Clinical Learning Environment of Government and Private Hospitals of Sikkim

Batch 2016-20

9. Knowledge and attitude towards Proud mother scheme among eligible mothers residing in selected rural community of Sikkim

10. Prevalence and causes of Alcohol Dependence among males and females residing in the selected urban and rural community of Sikkim
11. Peer pressure and teen smoking among children between 13-15 years of age group from selected schools of Sikkim
12. Prevalence and Adaptive measures adopted by the community people on land fill diseases in selected area of East Sikkim

Batch 2015-19

13. Prevalence, effect and management of dysmenorrhoea among adolescent students from selected school of Sikkim
14. Knowledge on Glasgow Coma Scale among Staff Nurses working in Hospitals of Gangtok, Sikkim
15. Quality of life of Alcohol Dependence Syndrome patients in selected hospitals, Sikkim
16. Awareness and attitude towards pictorial warning label on tobacco products among tobacco users of selected rural and urban areas of Sikkim
17. Attitude of nursing students towards Self-Development Classes at Sikkim Manipal College of Nursing, Gangtok, Sikkim
18. Fear of childbirth among antenatal women attending antenatal outpatient department of Government and Private Hospitals of Sikkim
19. Knowledge and attitude on the effects of alcohol consumption during pregnancy among the child bearing women residing in the urban and rural areas of Sikkim

Batch 2014-18

20. Comparative study on knowledge and practice of hand hygiene among 1st year and 3rd year Nursing students from selected Nursing Institution of Gangtok, Sikkim
21. Knowledge and use of alcohol and tobacco among pregnant women antenatal out- patient department at Central Referral Hospital, Gangtok , Sikkim
22. Knowledge regarding triage system among nursing staff working in selected hospital of Sikkim
23. Knowledge regarding leucorrhoea and its associated factor among married women of reproductive age group from selected rural area of Sikkim
24. Knowledge, attitude and hygienic practice towards preventive measures of urinary tract infection among adolescent girls of selected rural areas of Sikkim.
25. Knowledge and attitude of parents towards sex education of their adolescent children residing in selected urban and rural areas of Sikkim
26. Quality of life of post-menopausal women residing in selected rural and urban areas of Sikkim
27. Influence of relationship status on the academic performance of students from selected colleges of Gangtok, Sikkim.

Batch 2013-17

28. "Knowledge regarding polycystic ovarian syndrome among students of selected nursing institute of Gangtok, East Sikkim."
29. "Knowledge, Attitude and barriers of practice towards integrated counselling and testing centre among antenatal mothers attending antenatal clinic at selected hospitals of Gangtok, Sikkim."
30. "Attitude, Practice and barriers towards voluntary blood donation
31. among health care professionals and non-health care professionals of Sikkim Manipal University."
32. "Level of self-esteem and influencing factors among nursing students in selected nursing institution at Gangtok, Sikkim."
33. "Knowledge on hazards of smoking and attitude towards it among health care and non health care students in selected colleges of Gangtok, East Sikkim."
34. "Knowledge and attitude towards teenage pregnancy among adolescent students of selected urban and rural schools of East Sikkim."

Batch 2012-16

35. "Knowledge, Attitude and Practice regarding Evidence based Nursing Practice among staff nurses, working in selected hospitals of Sikkim."
36. "Knowledge and Utilization of maternal health benefit scheme among mothers attending selected hospitals, East Sikkim."
37. "Attitude and barriers towards participation in Continuing Professional Development among nurses working in government and private hospitals, Sikkim."

38. "Knowledge, Attitude and Preference towards vaginal and caesarean delivery among primi antenatal women attending antenatal OPD in selected hospitals of Sikkim."
39. "Knowledge and Attitude towards emergency contraceptive pills among college students of selected colleges, Sikkim."
40. "Knowledge, Practice and Attitude regarding immunization among mothers attending pediatric outpatient department in selected hospitals, East Sikkim."
41. "Prevalence of computer related health problems among the engineering students in selected engineering college, Sikkim."

Batch 2011-15

42. Knowledge and utilization of partograph among registered nurse midwives working in selected hospitals of Sikkim.
43. Knowledge and Attitude regarding management of plastic wastes and hazards among community people in selected urban areas of Gangtok, Sikkim.
44. Stress and Coping strategies adopted by staff nurses working in emergency unit in selected hospitals of Sikkim.
45. Knowledge and Prevention of Japanese encephalitis among the selected rural community people of Sikkim.
46. Comparison of patient satisfaction with nursing care among patients hospitalized in government and private hospitals, Sikkim.
47. Knowledge regarding home management of patient undergoing hemodialysis in selected hospitals of Sikkim.

Batch 2010-14

48. Knowledge and practice regarding asepsis in wound dressing among staff nurses in selected hospital, Sikkim.
49. Knowledge on health consequences of early and late marriage among adolescent students at selected college in Sikkim.
50. "Exploration of factors contributing to adjustment problem among nursing students and coping strategies adopted by them in selected nursing institute of Gangtok, East Sikkim."
51. Knowledge and attitude regarding hypnobirthing among health care professionals working in selected hospitals of Sikkim
52. Knowledge regarding dysmenorrhea and its health seeking behavior among the students in selected colleges of Sikkim.

Batch:2009-13

53. Knowledge on disaster preparedness among people residing in a selected community, North Sikkim with a view to provide awareness programme.
54. Knowledge regarding menopause & coping strategies adopted by menopausal women in a selected rural community, East Sikkim.
55. Knowledge & attitude regarding substance abuse among college students in a selected college of Gangtok, East Sikkim
56. Practice & knowledge regarding breast feeding among postnatal mothers in the selected hospitals, Gangtok, East Sikkim.

Batch: 2008-12

57. "Level of job stress in women faculty members employed at Tadong campus under Sikkim Manipal University (SMU)."
58. "Knowledge and practice of safe handling regarding bio-medical waste management in selected hospital, Gangtok."
59. "Primary caregiver burden in caring for patients with psychiatric illness in selected hospital of Gangtok."
60. "Knowledge and attitude of married men on no-scalpel vasectomy(NSV)in selected area of east district, Sikkim

Batch:2007-11

61. "A study to assess the level of satisfaction among the inmates regarding the management provided for substance abuse in Sikkim rehabilitation centre at Nimtar, East Sikkim"
62. "A study to explore the factors leading to school dropouts in the selected schools in south district, Sikkim."
63. "Level of satisfaction of patients admitted in CRH towards nursing services."
64. "A study to assess the level of caregiver burden of differently able children in spastic society, Gangtok (east Sikkim)."

65. "Impact of health education programme on breast self-examination among the girl students of selected college of Gangtok, East Sikkim."

Batch: 2006-10

66. "A study to assess the attitude regarding clinical experience and clinical performance of b.sc nursing students at Sikkim Manipal college of nursing , 5th mile Tadong, Gangtok, east district, Sikkim"

67. "A study to assess the knowledge and practice regarding bio -medical waste management among the nursing personnel of CRH, East Sikkim."

68. "A study to assess the knowledge and practice of b.sc nursing students regarding menstrual hygiene and dysmenorrhea in a selected College of Nursing at Sikkim."

69. "A study to assess knowledge, attitude and practice regarding anti tubercular drugs among the tuberculosis patients in crh of Gangtok , east Sikkim."

Batch 2005-09

70. "A comparative study to assess the stress level of staff nurses working in selected hospitals of Gangtok, east Sikkim"

71. "A study to assess the quality of life among the senior citizens in selected areas of east Sikkim"

72. "A study to assess the knowledge and attitude regarding contraceptive methods among the post natal mothers admitted in the post natal wards of selected hospitals of Gangtok, east Sikkim."

Batch 2001-05

73. "A study to assess knowledge, attitude and practice (KAP) regarding pulse polio immunization of parents (and near relatives) of under five children attending pulse polio immunization infield practice areas of Rangpo , primary health center, east Sikkim."

74. "A study on screening for depressive disorders in the geriatric population of Jowai, Meghalaya."

75. "A study on prevalence of cognitive impairment in the elderly population of Thangmeib and community, Imphal, Manipur."

76. "A study on impact assessment of health education intervention on road safety and accident prevention among primary school children of Tadong government school, east Sikkim."

77. " A study on knowledge attitude and practice of tobacco smoking among adolescent school children of Ranipool, east Sikkim"

78. "A study on knowledge , attitude and practice of alcohol use among adolescent school students of Gangtok"

79. " A study to assess knowledge , attitude and practice (KAP) of family planning among women of reproductive age group attending STNM hospital during the months of January to march 2005."

PBBSc. Nursing

1. Perception on nursing profession and career plans among nursing students in selected nursing institutions of Sikkim."

2. Knowledge and practice on oral hygiene among children in selected school of Gangtok, East Sikkim."

3. Knowledge On Prevention Of Cervical Cancer Among Women In Selected Urban And Rural Community Sikkim.

4. Knowledge and practice on prevention of needle stick injury among staff nurses in selected hospital of gangtok.

5. Knowledge On Practice Of Aseptic Technique During Delivery Among Staff Nurses In Selected Hospitals."

6. Knowledge & Attitude Towards Nursing Profession Among Adolescent Students In A Selected Rural And Urban Community, Sikkim."

7. Knowledge On Prevention Of Home Accidents Among Parebnts Of Under Five Children In Selected Areas Of Gangtok , East Sikkim"

8. Knowledge On Self Care Management Of Diabetic Patients In Selected Hospitals, Gangtok, East Sikkim."

II. Faculty Publication

Year 14-15

1. Knowledge & attitude towards nursing profession among adolescent students of Sikkim. Prof. Mridula Das¹, Mrs Ranjita Devi², Ms Barkha Devi², Ms Sangay Doma Bhutia³. Asian Journal of Nursing Education and Research. July- September, 2014: 4(3).
2. Knowledge on practice of aseptic technique during delivery among health professionals in selected government hospitals of Sikkim. Ms Barkha Devi¹, Mrs Reshma Tamang². SMU Medical Journal. July 2014: 1(2).
3. Effectiveness of video based teaching programme on breastfeeding in terms of knowledge and practice among postnatal mothers in a selected rural community of west Bengal, India. Ms Barkha Devi. Journal of Nursing Science & Practice. 2014: 4(1).
4. Assessment of the knowledge and practice of blood sugar measurement technique among staff nurses of a selected hospital, Kolkata, West Bengal. Mrs Nargis Ahamed. SMU Medical Journal. January 2015: 2(1).
5. Causes of infertility among married women-a Review article. Mrs Arkie R Shadap Pandey. SMU Medical Journal. January, 2015:2(1).
6. A Case Report: Ectopic pregnancy due to failure of emergency contraception. Mrs Arkie R Shadap Pandey. Nitte University Journal of Health Sciences. March, 2015: 5(1).
7. A descriptive study to assess the knowledge of breast cancer and utilization of mammogram among women at selected villages of Udupi, Karnataka. Mrs Arkie R Shadap Pandey. Nitte University Journal of Health Sciences. December 2014: 4(4).

Year 15-16

8. Nargis Ahamed, Sumita Datta. Effectiveness of planned teaching programme on nurse's knowledge and practice Glasgow coma scale for neurological clients of a selected hospital, Kolkata. Sikkim Manipal University Medical Journal. January 2016; 3(1).
9. Gracenthia R Sangma, Barkha Devi. Exploration of common mental health problems encountered by the elderly persons and the facilities provided by the family in a selected rural area of Meghalaya. Sikkim Manipal University Medical Journal. January 2016; 3(1).
10. Barkha Devi, Menuka Pradhan, Nazung Lepcha, Upasana Rai, Renuka DhakaL, Maheswari Thapa. Value of Antenatal Diagnosis and outcome in dandy walker malformation. Journal of Nursing Science and Practice. September, 2015; 5(2).
11. Barkha Devi, Shashirani P ,Maheswari Thapa, ,Upasana Rai , Ch. Bijaya Devi, Kritana Chettri ,Sonia Wahengbam, Srijana Sharma. Knowledge and Practice of Bio - Medical Waste Management among Safai Karmachari working at Central Referral Hospital, Gangtok, Sikkim. Asian Journal of Nursing Education and Research. April- June 2015; 5(2).

Year 16-17

12. Arkierupaia Shadap, Esukhaphi M Pyrtuh. A Study on Screening for Depressive Disorder in the Geriatric Population of Jowai, Meghalaya. SMU Medical Journal. January 2017; 4 (1).
13. Arkierupaia Shadap. Profile Picture of Risk Factors for Breast Cancer among Community women of Udipi, Karnataka. Indian Journal of Nursing Science. December 2016; 1(4).
14. Barkha Devi, Mridula Das, Bidita Khandelwal. Analysis of Knowledge and Attitude Regarding Antenatal Examination among Nursing Students. International Journal of Reproduction, Contraceptive, Obstetrics and Gynaecology. November 2016; 5(11).
15. Barkha Devi, Bidita Khandelwal, Mridula Das. Factor Associate with Nursing Students' Level of Knowledge regarding Abdominal Palpation at Ganagtok, Sikkim. International Journal of Health Science and Research. October 2016; 6(10).
16. Barkha Devi, Bidita Khandelwal, Mridula Das. Comparison of Attitude Regarding Obstetrical Palpation among Student Nurse Midwives Studying Midwifery Nursing at Sikkim. International Journal of Current Research. September 2016; 8(09).
17. Puspachanapa Maity, Surovi Chakraborty, Amita Ghosh, Nargis Ahamed. Effectiveness of Procedural Demonstration of Venupuncture on Pain in Children at Selected Hospital, Kolkata, West Bengal. Journal of Nursing Science and Practice. 2016; 6(2).
18. Barkha Devi, Mridula Das, Bidita Khandelwal. Abdominal Palpation –An Art in the Heart of Midwifery Practice to Determine Oblique lie – A Rare Condition at Term Pregnancy. Asian Journal of Nursing Education and Research. April 2016; 2(2)

Year 17-18

19. Mrs. Sonam Z Sherpa, Mrs. Ranjita Devi. Knowledge regarding Dysmenorrhea and its health seeking behavior in colleges of Sikkim. Asian Journal of Nursing Education and Research .December, 2017; 7(4): 477-81
20. Mrs. Barkha Devi, Mrs. Karma Doma Bhutia. Knowledge regarding polycystic ovarian syndrome among students of selected nursing institute of Gangtok, East Sikkim. International Journal of Current Research .November, 2017; 9(11): 61458-64
21. Mrs. Barkha Devi, Mrs. Prerna Karki. Comparison of hospitalized patient satisfaction with nursing care in Government and private hospitals of Sikkim. International Journal of Current Advanced Research. November, 2017; 6(11): 7409-15.
22. Mrs. Arkierupaia Shadap, Mrs. Ranjita Devi. Knowledge on prevention of cervical cancer among women residing in selected urban and rural community in Sikkim. Asian Journal of Nursing Education and Research. June, 2017; 5(2): 219-221
23. Ms. Barkha Devi, Dr. Bidita Khandelwal, Prof. Mridula Das. Application of Bandura's social cognitive theory in the technology enhanced blended learning environment. International Journal of Applied Research .January, 2017; 3(1): 721-24

Year 18-19

24. Devi B, Khandelwal B, Das M. Comparison of the effectiveness of video-assisted teaching program and traditional demonstration on nursing students learning skills of performing obstetrical palpation. *IJNMR*. 2019; 24(2): 118-123.
25. Devi B, Karki P, Chhetry R, et al. Quality of life of Post-Menopausal women residing in rural and urban areas of Sikkim, India. *Int J Reprod Contracept Obstet Gynecol*. 2018; 7(12): 5125-5133.
26. Bhutia S, Shadap A, Pangambam S. Knowledge and practice of active management of third stage of labour (AMTSL) among nursing students in selected hospitals Gangtok, Sikkim. *Int. J.Nurs Midwif Res*. 2018; 5(4): 59-66.
27. Gurung S, Shadap A, Sherpa PC, et al. Knowledge and practice of hand hygiene between 1st year and 3rd year students from selected nursing institution of Gangtok, Sikkim. *Clin Exp Pathol Res*. 2018; 1 (1): 13-17.
28. Khati B, Dhakal H, Sharma A, et al. Knowledge attitude and preference of primi antenatal women towards caesarean section and vaginal delivery. *Asian J. Nursing Education and Research*. 2018; 8(4):475-477.
29. Shadap A, Pangambam S, Nath S. et al. Knowledge, attitude and barriers of practice towards integrated counseling and testing centre among antenatal mothers attending antenatal clinic at selected hospitals of Gangtok, Sikkim. *Nurs Health care Int J*. 2018; 2(6).
30. Ghataney. B, Karki P, Bhutia KD, et al. Influence of relationship status on the academic performance of students from selected college of Gangtok, Sikkim. *IJCR*. 2018; 10(11): 74955-74959.
31. Devi. B, Bhutia HL, Sherpa C. et al. Comparison of parental attitude towards sex education of their adolescent children in urban and rural areas of Sikkim. *IJCAR*. 2018; 7(10):14787-14792.
32. Devi. B, Bhutia HL, Sherpa C. et.al. Knowledge of parents on sex education of their adolescent children residing in urban and rural areas of Sikkim. *IJCR*. 2018; 10(10): 74449 – 74456.
33. Devi BS, Devi R, Khati B. Knowledge and attitude on prevention of cervical cancer among women residing in urban and rural community in Sikkim. *SMU Medical Journal*. 2018; 5(2):43.
34. Rai P, Sharma C, Tamang R. Attitude towards suicide and assessment of risk factors of suicide among adolescent at selected schools, Sikkim. *SMU Medical Journal*. 2018; 5(2):15.
35. Tamang S, Sharma C, Devi B. Stress, depression, anxiety experienced and coping strategies adopted by spouses of alcohol use disorder admitted to selected hospitals of Sikkim. *SMU Medical Journal*. 2018; 5(2):11.
36. Pradhan S, Devi T, Karki P. Knowledge attitude and help seeking behavior on mental health problems among urban population of Gangtok. *SMU Medical Journal*. 2018; 5(2):22.
37. Giri D, Khati B, Sherpa PC. Effectiveness of information booklet on knowledge regarding the management of minor disorders of pregnancy among antenatal women attending OPD of selected hospitals of Sikkim. *SMU Medical Journal*. 2018; 5(2):19.
38. Sharma S. Tamang R, Bhutia HL. Effects of social media network on academic performance and social behavior pattern of adolescent students from selected senior secondary schools of Sikkim. *SMU Medical Journal*. 2018; 5(2):38.
39. Bhutia S, Pangambam S, Bhutia KD. A Study to assess knowledge regarding home management of patients undergoing hemodialysis at selected hospitals, Gangtok, Sikkim. *SMU Medical Journal*. 2018; 5(2):39.
40. Tungoe LC, Shadap A, Karki P. Effectiveness of self-instructional module on knowledge regarding attention deficit hyperactive disorder among primary school teachers in selected schools of Gangtok. *SMU Medical Journal*. 2018; 5(2):30.
41. Devi T, Dhakal H, Basnett A, et al. Knowledge and attitude towards teenage pregnancy among adolescent students of selected urban and rural schools of Sikkim. *JoNSP*. 2018; 8(2).

Year 19-20

42. Sherpa S Z, Pangambam S, et al. Knowledge regarding leucorrhoea and its associated factor among married women of reproductive age group in selected rural area of Sikkim. *International Journal of Obstetric and Gynecological Nursing*. January .2020;2(1):12-19
43. Shadap A, Bhutia P W, et al. Knowledge and attitude on the effects of alcohol consumption during pregnancy among the child bearing women residing in the urban and rural areas of Sikkim. *International Journal of Advance Research in Nursing*. December.2019;3(1):94
44. Tungoe L, Shadap A, Karki P. Effectiveness of self-instructional module on knowledge regarding Attention Deficit Hyperactive Disorder among primary school teachers in selected schools of Gangtok, Sikkim. *International Journal of Medical Science and Clinical Invention*, October-2019;6:4615-4622
45. Sharma C, Tamang R. Exploration of factors contributing to adjustment problem among nursing students and coping strategies adopted by them in selected nursing institute of Sikkim, East Sikkim. *Indian Journal of Nursing Sciences*, 2019; 4: 53-60.
46. Devi M T, Sherpa C P, Attitude, practice, and barriers towards voluntary blood donation among health care professionals and non-healthcare professionals of Sikkim Manipal University. *International Journal of Current Research*, September-2019; 11: 7292-7296.
47. Das M, Devi B. Attitude and barriers towards participation in continuing professional development programme among nurses. *International Journal of Current Research*, August 2019; 11:5907-5913.
48. Tamang S, Devi B, Sharma C. Stress, depression, anxiety experienced, and coping strategies adopted by the spouses of alcohol use disorder admitted in selected hospitals of Sikkim. *Community and Public Health Nursing*, May - August 2019; 4: 101-108.
49. Devi R, Bhutia H L. et al. Perception on nursing profession and career plans among nursing students in nursing institutions of Sikkim. *International Journal of Current Research*, May- 2019; 11: 4088-4092.
50. Devi M T, Gurung S. Knowledge regarding triage system among nursing staff working in selected hospital of Sikkim. *Journal of Nursing and Health Science*, April. 2019;8:27-32

Year 20-21

51. Shashirani Pangambam. Karma Doma. Knowledge and practice regarding prevention of pressure ulcer among staff nurses in selected hospital, Gangtok, Sikkim.. *International Journal of Advance research in Nursing* .2020. Vol 3 Issue 1 E - ISSN 2617-9806.
52. Arkierupaia Shadap. Physical Activity to Stay Fit.. *Journal of Health and Allied Science NU*. 2020. ISSN 2582-4287.
53. Arkierupaia Shadap. Tool for competency – OSCE/OSPE: A Short review.. *Journal of Critical Reviews*. 2020. Vol 7 Issue 13.ISSN 2394 5125.

Year 21-22

54. Reshma Tamang, Champa Sharma. Knowledge on hazards of smoking and attitude towards it among the health care and non health care students in selected colleges of Gangtok, East Sikkim. *International Journal of Advance Research In nursing*. January, 2021;4(1)
55. Ranjita Devi, Thoibi Devi. Effectiveness of SIM on knowledge regarding first aid management among Anganwadi workers in selected district of Sikkim. *International Journal of Advance research in community Health Nursing*. April, 2021;3(1).
56. Binita Khatai, Prerna Karki and Shakila Basnet. Anxiety and depression among antepartum and immediate postpartum women admitted in OBG wards of selected hospitals of Gangtok, Sikkim. *International Journal of Advance Research in Nursing*. June, 2021;4(1)

57. Ranjita Devi, Perna Karki. Quality of life among patients undergoing Opioid Substitution Therapy in hospitals of Sikkim. International Journal of Science and Research. July, 2021; 10(7).
58. Ranjita Devi, Barkha Devi. Nursing students attitude towards self-development classes' comparative study. International Journal of current Advanced Research. July, 2021; 10(7)
59. Binita Khati, Reshma Tamang, Smriti Rekha Saikia. Effectiveness of structured teaching programme on knowledge and practice regarding warm chain in prevention of hypothermia in new-born among 3rd year and 4th year BSc. Nursing students of selected Nursing College of Gangtok, Sikkim. International journal of Science and research. July. 2021; 10(7).
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III. Funded Projects

Sl.No	Name of The Project	Name of PI	Department of PI	Year of Award	Funds Sanctioned	Duration of the Project	Funding Agency	Status Completed/ Ongoing
1	A Qualitative study on perceptions and barriers of antenatal iron folic acid supplements in urban and rural Sikkim	Mrs M Thoibi Devi	Sikkim Manipal College of Nursing	2018-19	Rs 25000	1 year, 2018-2019	Dr. Ramdas Pai and Mrs vasanthi Pai Endowment Fund, SMU	Completed
2	Effectiveness of Vitamin E and Ginger powder on the severity and duration of pain in Primary Dysmenorrhea	Mrs Barkha Devi	Sikkim Manipal College of Nursing	2019-20	Rs 1,94,240	2 Years, 2019-2021	Dr. TMAPai University Research Fund, SMU	Ongoing