

SNDT Women's University, Mumbai

Credit structure For Under Graduate Programmes in Humanities, Science and Technology and Interdisciplinary Studies Faculties

As per Government of Maharashtra Circular dated 13th March, 2024

NEP - 2020

(w.e.f. 2024-25)

B.A. PSYCHOLOGY Structure with Course Titles (Revised 24th May 2024)

SN	Courses	Type of Course	Credits	Marks	Int	Ext
	Semester I					
1.1	Perspectives and Science of Psychology	Subject 1	2	50	0	50
1.2	, ,	Subject 2	2	50	50	0
1.3		Subject 3	2	50	50	0
1.4	Psychology of Adjustment and Coping	OEC	4	100	50	50
1.5	Emotional Intelligence – Basic Concepts	VSC	2	50	50	0
1.6	Psychology of Health & Well Being	SEC	2	50	50	0
1.7		AEC (English)	2	50	0	50
1.8		IKS (Generic)	2	50	0	50
1.9		VEC	2	50	0	50
1.10		CC	2	50	50	0
			22	550	300	250
	Semester II					
2.1	Fundamentals of General Psychology	Subject 1	2	50	0	50
2.2		Subject 2	2	50	50	00
2.3		Subject 3	2	50	0	50
2.4		VSC	2	50	50	0
2.5		VSC	2	50	50	0
2.6	Psychology applied to modern life	OEC	4	100	50	50
2.7	Stress management	SEC	2	50	50	0
2.8		AEC (English)	2	50	0	50
2.9		VEC	2	50	0	50
2.10		CC	2	50	0	50
			22	550	250	300

Exit with UG Certificate with 4 extra credits (44 + 4 credits)

Course Syllabus

Semester I

1.1 Subject I

Course Title	PERSPECTIVES AND SCIENCE OF PSYCHOLOGY
Course Credits	2 credits
Course Outcomes	After going through the course, learners will be able to
Outcomes	1. Recognize psychology as a science
	2.Explain perspectives in psychological approaches.
	3. Learn relevant applications of psychology in everyday life.
	4. Get acquainted with the scope and the field of Psychology
Module 1(Credit	1)- Perspectives in Psychology
Learning Outcomes	After learning the module, learners will be able to
Outcomes	Recognize the historical roots of psychology
	2. Describe and define key concepts in psychology
Content Outline	 1.1 History and definition 1.2 Classic approaches (with emphasis on Freud's theory of personality) & Contemporary approaches to understanding humans, 1.3 Indian perspectives in Psychology, Areas of specialization and Professionals in the field 1.4 Application: Understanding daily behaviours from different perspectives using a psychological lens
Module 2(Credit	: 1)- The Science of Psychology
Learning Outcomes	After learning the module, learners will be able to 1. Identify various research methods used in psychology
	Design a study with operationally defined variables
Content Outline	2.1 Research methods (Quantitative & Qualitative): Non-experimental methods, the experimental method and designs
	2.2 Ethics in research
	2.3 Statistics in psychological research
	2.4 Application: Design a study with operationally defined variables

- 1. Regular attendance and active participation in class discussions and activities.
- 2. Prepare Crosswords/quizzes.
- 3. Presentations based on what was learnt by the student from online reference or field visits or experiments, Descriptive report of the field visit.
- 4. Posters/charts along with their explanation,
- 5. Prepare Mind Maps
- 6. Completion of assigned readings and independent study of course materials.
- 7. Group projects or presentations to encourage collaboration and application of knowledge.

- 1. Abhyankar, S. (2013). Manasshastra. Pearson Publishing. [Marathi text]
- 2. Baron, Robert A.; Misra, Girishwar & Kalsher, Michael J.: Psychology. (5th ed.) Noida. Pearson India Education Services Pvt. Ltd, 2016.
- 2. Ciccarelli, Saundra K., White, J.N. & Misra, G.(2022). Psychology. (6th ed.). Noida. Pearson India Education Services Pvt. Ltd,
- 3. Coon, Dennis & Mitterer, John O. (2010). Introduction to psychology: Gateways to mind and behavior. (12th ed.) Belmont. Wadsworth Publishing Company.
- 4. Davis, Stephen F.; Palladino, Joseph J. & Christopherson, Kimberly M. (2013). Psychology. (7th ed.) Boston. Pearson Education Inc.
- 5. Feldman, Robert S.(2021). Understanding psychology. (15th ed.) New York. Mcgraw-Hill.
- 6. Gazzaniga, Michael; Heatherton, Todd & Halpern, Diane (2016). Psychological science. (5th ed.) New Work. W.W. Norton & Company.
- 7. Kalat, James W(2013). Biological psychology. (11th ed.) Delhi. Cengage Learning India Private Limited.
- 9. Lahey, Benjamin B.: (2009). Psychology: an introduction. (10th ed.) New York. Mcgraw-Hill Higher Education.
- 10. Morgan, Clifford T.; King, Richard A.; Weisz, John R. & Schopler, John (1996). Introduction to psychology. (7th ed. Indian reprint) New Delhi. Tata McGraw Hill Publishing Company Limited.
- 10. Myers, David G (2013). Psychology. (10th ed.) New York. Worth Publishers.
- 11. Passer, Michael W. & Smith, Ronald E.(2011). Psychology: The science of Mind and Behavior. (5th ed.) New York. Mcgraw-Hill Companies, Inc.,
- 12. Wertheimer, M. (2014). A brief history of psychology. (5th ed.) New York. Psychology Press.
- 13. Wood, SI E., Wood, E. G.& Boyd, D. (, 2011). The world of psychology. (7th ed.) Boston. Allyn And Bacon, Inc..
- 14. Zimbardo, Philip G., Johnson, Robert L. & McCann, Vivian. (, 2009). Psychology: Core concepts. (6th ed.) Boston. Pearson Education, Inc.

1.4 Generic/ Open Elective Course: OEC-I

Course Title	PSYCHOLOGY OF ADJUSTMENT AND COPING
Course Credits	04
Course Credits	04
Course Outcomes	After going through the course, learners will be able to
	Discuss the concept of adjustment and apply it for improving academic performance
	2. Monitor stress and apply tactics to overcome it.
	3. Monitor Self-control and use various strategies in coping process
	4. Recognize how impressions are formed
	5. Apply various compliance tactics
Module 1(Credit 1)	: Introduction to Adjustment and Happiness
Learning Outcomes	After learning the module, learners will be able to
Outcomes	Explain the concept of adjustment
	2. Discuss the various determinants of happiness
	3. Apply effective study habits
	4. Discuss various mnemonics
Content Outline	1.1 Psychology of Adjustment
	1.2 Scientific Approach to behavior
	1.3 The Root of Happiness
Madula 2(Cradit 1)	1.4 Application to Academics
Module 2(Credit 1)	: Stress: Nature and Management
Learning	After learning the module, learners will be able to
Outcomes	1. Describe nature of stress
	Differentiate between primary and secondary appraisal of stress
	3. Summarize the effects of stress
Content Outline	2.1 Nature and types of Stress
	2.2 Response to stress
	2.3 Psychological and Physical effects of stress
	2.4 Monitor your stress
Module 3(Credit 1): Common Coping Patterns
Learning Outcomes	After learning the module, learners will be able to
Outcomes	Describe variety of Coping strategies that people use

	2. Discuss distinctive styles of coping
Content Outline	3.1 Appraisal Focused Coping
	3.2 Problem Focused Coping
	3.3 Emotion Focused Coping
	3.4 Monitor your Self Control
Module 4(Credit 1)	: Social Thinking and Social Perception
Learning	After learning the module, learners will be able to
Outcomes	
	1. Describe sources of information people use to form impressions
	2. Explain how old fashioned and modern discrimination differs
	3. Describe several compliance strategies
Content Outline	4.1 Impression Formation
	4.2 Prejudice- Old vs modern
	4.3 Power of Persuasion
	4.4 Social Pressure &Compliance Strategies

- 1. Presentations
- 2. MCQs
- 3. Assignments based on application of theoretical concepts.

- 1. Norcross, J.C., VandenBos, G. R., Freedheim, D. K., & Pole, N. (2016). *APA handbook of clinical psychology: Psychopathology and health*. American Psychological Association.
- 2. Moritsugu, J. N., Vera, E. M., Jane K., Jacobs H., Kennedy, M. J. (2016). Psychology of Adjustment: The Search for Meaningful Balance. SAGE Publications, Inc; 1st edition
- 3. Parker, T.J. (2023). Becoming an Expert of Persuasion: How to Get People to See Things Your Way. Independently published.
- 4. Weiten, W., Dunn, D. S., and Hammer, E. (2023). Psychology Applied to Modern Life: Adjustment in the 21st Century. Australia: Cengage Learning
- Weiten, W., Dunn, D. S., and Hammer, E. (2016). Psychology Applied to Modern Life: Adjustment in the 21st Century. Australia: Cengage Learning https://old.amu.ac.in/emp/studym/99999792.pdf
- 6. पाट**ील, अनघाआण**िराजह**ंस, मानस**ी. (२०२३). जीवनोपयोग**ीमानसश**ास्त्र .प**ु ि**ःःे: उन्म**ेषप्रक**ाशन
- 7. सावदेकरसंतोषआणिदांडगेमयूर (२०१९) २१व्याशतकातीलसमायोजनाचेमानसशास्त्र. अमरावती :ज्ञानपथ

1.5 Vocational Skill Courses (VSC)

Course Title	EMOTIONAL INTELLIGENCE-BASIC CONCEPTS	
Course Credits	02	
Course Outcomes	After going through the course, learners will be able to	
	Elaborate the concept of Emotional Intelligence	
	2. Know the importance of one's own and others emotions	
	3. Describe the competencies of emotional intelligence	
Module 1(Credit 1): Introduction to Emotional Intelligence	
Learning Outcomes	After learning the module, learners will be able to	
	1. Define Emotional Intelligence	
	2. Elaborate different models of emotions intelligence.	
	3. Estimate the importance of emotional intelligence	
Content Outline	 1.1 Emotional Intelligence 1.2 Models of Emotional Intelligence 1.3 EQ competencies: self-awareness, self-regulation, motivation, empathy, and interpersonal skills 1.4 Importance of Emotional Intelligence 	
Module 2(Credit 1) Levels of awareness and perceptions of emotions		
Learning Outcomes	After learning the module, learners will be able to	
	Differentiate between different levels of emotional awareness	
	2. Recognize and handle one's own emotions	
	3. Perceive others' emotions accurately	

Content Outline	2.1 Levels of emotional awareness
	2.2 Recognizing emotions in oneself
	2.3 The universality of emotional expression
	2.4 Perceiving emotions accurately in others

- 1. Personal analysis of EQ
- 2. MCQs
- 3. Real Worl reviews of emotionally intelligent situations and people.

- 1. Bar-On, R., & Parker, J.D.A.(Eds.) (2010). The Handbook of Emotional Intelligence: The Theory and Practice of Development, Evaluation, Education, and Application--at Home, School, and in the Workplace. California: Jossey Bros.
- 2. Dann J. (2008). Emotional intelligence. Hodder Education.
- 3. Goleman, D. (2005). Emotional Intelligence: The 10th Anniversary edition. N.Y. Bantam Books.
- 4. https://asantelim.files.wordpress.com/2018/05/daniel-goleman-emotional-intelligence.pdf
- 5. Singh, D. (2015). Emotional Intelligence at Work. New Delhi: Sage Response
- 6. Stein S. (2023). Emotional intelligence (2nd ed.). Wiley Publishing.
- 7. Wolf A. C. (2019). Emotional intelligence. Alex C. Wolf.
- 8. गोलमन, डॅणनअल. (२०२१) इमोशनलइंटेलीजन्स :हुशारम्हिज्जेकायहेनव्यानेसांगिारे , अन्वादपुष्पाठक्कर. साके तण्काशन, पुर्ाि
- 9. दलीप णसंग (२०१०).भावणनक बुद्धिमत्ता, अनुवाद: चारुता पुराणिक. पुर्विःे:डायमंड एकाशन 10. काळे, एम. जी. (२०२१) भावणनकबुद्धिमत्ता :भावनाश्रेष्णणकबुिःोश्रेष्. पुर्विःे :वरदाप्रकाशन

1.6 Skill Enhancement

Course Title	Psychology of Health & Well Being
Course	02
Credits	
Course	After going through the course, learners will be able to
Outcomes	
	1. Touch upon the application of health psychology principles in clinical settings, public health initiatives, and health promotion programs. By
	2. Expanding the scope of psychology to encompass the broader health care
	arena, Health Psychology offers valuable insights into the prevention and
	treatment of various health conditions and the enhancement of overall well-
	being.
	3. Providing a holistic understanding of the factors that contribute to health
	and illness, and equips students with the knowledge to address these issues effectively in various professional settings
	effectively in various professional settings
Module 1	(Credit 1) Introduction to Health & Illness
Learning	After learning the module, learners will be able to
Outcomes	
	1. Describe the mind -body relationship
	2. Enumerate the factors that influence health behaviours
	3. Identify the poor health behaviours
	4. Recognize the behaviours that would lead to health compromising behaviour
Content	1.1 Health systems, health, wealth and societal well-being
Outline	1.2 Mind-Body Relationship
	1.3 Need for Health Psychology
	1.4 Health Behavior
Module 2	(Credit 1) Health Management
Learning	After learning the module, learners will be able to
Outcomes	Examine the various factor that could lead to change in health behaviour
	Appreciate the principles of conditioning, modeling and its application to health behaviours
Content	2.1 Health behaviours, health habits, practising and changing health behaviours,
Outline	barriers to modifying poor health behaviours.
	2.2 Health-promoting behaviours – exercise, healthy diet, sleep, accident
	prevention, rest, renewal, and savouring.
	2.3 Cognitive- behavioural approaches to health behaviour change

2.4 Changing Health through Social Engineering

- 1. Active participation in class discussions and activities.
- 2. Poster Presentation
- 3. Awareness Campaign

- 1. Brannon, L., McNeese, J. F., & Updegraff, J. A. (2014). Health Psychology an introduction to behavior and health (8th Ed). Delhi: Cengage Learning
- 2. Figueras & McKee (2012) Open University Health Systems, Health Wealth and Societal Well-being Assessing the case for investing in health systems, Open University Press-McGraw-Hill Education.
- 3. Lyons, A.C. & Chamberlain, K. (2006). Health Psychology A Critical Introduction. Cambridge University Press
- 4. Ogden, J. (2017). Health psychology: A textbook (4th ed.).McGraw Hill Education.
- 5. Straub, R.O. (2014). Health Psychology a BioPsychosocial Approach (4th Ed). Worth Publishers A Macmillan Higher Education Company
- 6. McKenzie S. P. (2022). Reality psychology: a new perspective on wellbeing mindfulness resilience and connection.
- 7. Morrison, V., & Bennett, P. (2009). Introduction to Health Psychology(2nd Ed) Pearson Education Limited, New York.
- 8. Taylor, S. E. (2006). Health psychology. Tata McGraw-Hill Education.
- 9. Waite-Jones J. M. & Rodriguez A. M. (2022). *Psychosocial approaches to child and adolescent health and wellbeing*. Palgrave Macmillan
- 10. Weiten, W. and Lloyd, M. (2007). Psychology applied to modern life: Adjustment in the 21st century, Indian Edition 8th. Thomson.

Semester II

2.1 Subject 1 (B)

Course Title	FOUNDATIONS OF GENERAL PSYCHOLOGY
Course Credits	2 credits
Course	After going through the course, learners will be able to
Outcomes	Describe the concepts related to motivation
	2. Acquaint themselves with personality as a field
Module 1 (Cro	edit 1) - Motivation and Emotion
Learning	After learning the module, learners will be able to
Outcomes	1.Know the major theoretical perspectives that address motivated behaviour & their limitations
	2. Describe the principal motives of behaviour
Content Outline	1.1 Nature, Components, and Theories of Motivation
	1.2 Types of Motivation- Physiological and Social
	1.3 Theories of Emotions, Basic Emotions
	1.4 Applications: Motivation - Sleep management & Emotion - Using emotional intelligence
Module 2 (Cro	edit 1)- Personality Psychology
Learning	After learning the module, learners will be able to
Outcomes	1. Develop a comprehensive understanding of major personality theories and their key concepts.
	2. Apply personality concepts and theories to real life situations.
Content	2.1 Analysis of major theories and approaches in personality psychology
Outline	including trait theories, psychodynamic theories, and humanistic theories
	2.2 Examination of the influence of genetics, environment, and culture on personality development
	2.3 Exploration of personality assessment techniques
	2.4 Application: Self administration of any one personality assessment, analysis, and interpretation of the results.

- 1. Regular attendance and active participation in class discussions and activities.
- 2. Prepare Crosswords/quizzes.
- 3. Presentations based on what was learnt by the student from online reference or field visits or experiments, Descriptive report of the field visit.
- 4. Posters/charts along with their explanation,
- 5. Prepare Mind Maps
- 6. Completion of assigned readings and independent study of course materials.
- 7. Group projects or presentations to encourage collaboration and application of knowledge.

- 1. Abhyankar, S. (2013). Manasshastra. Pearson Publishing. [Marathi text]
- 2. Baron, R. A.; Misra, G. & Kalsher, M. J (2016). Psychology. (5th ed.) Noida. Pearson India Education Services Pvt. Ltd,
- 3. Ciccarelli, S. K., Winter J.N. & Misra, G. (2022). Psychology. (6th ed.). Noida. Pearson India Education Services Pvt. Ltd, 2022.
- 4. Coon, D. & Mitterer, J. O. (2010). Introduction to psychology: Gateways to mind and behavior. (12th ed.) Belmont. Wadsworth Publishing Company.
- 5. Davis, S. F., Palladino, J. J., & Christopherson, K. M. (2013). Psychology. (7th ed.) Boston. Pearson Education Inc.
- 6. Feldman, R. S. (2021). Understanding psychology. (15th ed.) New York. Mcgraw-Hill.
- 7. Gazzaniga, M., Heatherton, T. & Halpern, D. (2016). Psychological science. (5th ed.) New Work. W.W. Norton & Company.
- 8. Kalat, J. W. (2013). Biological psychology. (11th ed.) Delhi. Cengage Learning India Private Limited.
- 9. Lahey, B. B. (2009). Psychology: an introduction. (10th ed.) New York. Mcgraw-Hill Higher Education,
- 10. Morgan, C. T.; King, R. A.; Weisz, J. R. & Schopler, J. (1993). Introduction to psychology. (7th ed. Indian reprint) New Delhi. Tata McGraw Hill Publishing Company Limited.
- 11. Myers, D. G. (2013). Psychology. (10th ed.) New York. Worth Publishers.
- 12. Passer, M. W. & Smith, R.E.(2011). Psychology: The science of Mind and Behavior. (5th ed.) New York. Mcgraw-Hill Companies, Inc.
- 13. Wertheimer, M.(2014). A brief history of psychology. (5th ed.) New York. Psychology Press.
- 14. Wood, S. E., Wood, E. G. & Boyd, D.(2011). The world of psychology. (7th ed.) Boston. Allyn And Bacon, Inc.
- 15. Zimbardo, P. G., Johnson, R. L. & McCann, V.(2009). Psychology: Core concepts. (6th ed.) Boston. Pearson Education, Inc.

2.4 Generic/ Open Elective Course: OEC-II

Course Title	PSYCHOLOGY APPLIED TO MODERN LIFE
Course Credits	04
Course Outcomes	After going through the course, learners will be able to
	Understand the relationship between interpersonal communication and adjustment
	2. Importance of relationship and overcoming loneliness
	3. Be able to bridge the gender gap in communication
	4. Understand the origins of gender difference
	5. Apply various models of career choices
Module 1(Credi	t 1): Interpersonal Communication
Learning	After learning the module, learners will be able to
Outcomes	1. Discuss how interpersonal communication is important to adjustment
	Differentiate assertive communication from submissive and aggressive communication
Content	1.1 Process of communication
Outline	1.2 Non-verbal communication
	1.3 Effective communication and problems
	1.4 Developing assertive communication style
Module 2(Credi	t 1): Friendship and Love
Learning Outcomes	After learning the module, learners will be able to
	Describe the difference between face to face and internet interaction and how internet affects relationship development
	2. Discuss the personal attributes contributing to loneliness
Content	2.1 Perspective on close relationship
Outline	2.2 Attraction and relationship development
	2.3 Friendship
	2.4 Overcoming Loneliness
Module 3(Credi	t 1): Gender and behavior
Learning Outcomes	After learning the module, learners will be able to
	Summarize the situations regarding overall behavioral similarities and differences between males and females

	2. Describe expressive and styles of communication
Content	3.1 Gender similarities and differences
Outline	3.2 Origins of Gender differences
	3.3 Gender Roles
	3.4 Bridge the gender gap in communication
Module 4(Cre	dit 1): Career and Work
Learning	After learning the module, learners will be able to
Outcomes	
	1. Explain the role of occupational interest inventory in career choices
	2. Discuss the importance of work line balance
Content	4.1 Models of career choice and work
Outline	4.2 Coping with occupational hazards
	4.3 Work life balance

- 1. Presentations
- 2. MCOs
- 3. Assignments based on application of theoretical concepts
- 4. Listing the activities for leisure time and its benefits

- 1. Miller, G. A. (1969). The psychology of communication: Seven essays. Penguin Books.
- Moritsugu ,John N. , Vera, Elizabeth M., Jane K., Jacobsm Harmon , Kennedy, Melissa J. (2016). Psychology of Adjustment: The Search for Meaningful Balance. SAGE Publications, Inc; 1st edition
- 3. Parker, T.J. (2023) Becoming an Expert of Persuasion: How to Get People to See Things Your Way. Independently published
- 4. Roehner, J. Schuetz, A (2023). Psychology of Communication. Springer.
- Weiten, Wayne; Dunn, Dana S., and Hammer, Elizabeth (2023). Psychology Applied to Modern Life: Adjustment in the 21st Century. Australia: Cengage Learning
- Weiten, Wayne; Dunn, Dana S., and Hammer, Elizabeth (2016). Psychology Applied to Modern Life: Adjustment in the 21st Century. Australia: Cengage Learning https://old.amu.ac.in/emp/studym/99999792.pdf
- 7. पाटील, अनघाआणिराजहंस, मानसी. (२०२३). जीवनोपयोगीमानसशास्त्र .पु िः : उन्मेषप्रकाशन
- 8. सावदेकरसंतोषआणिदांडगेमयूर (२०१९) २१व्याशतकातीलसमायोजनाचेमानसशास्त्र. अमरावती :ज्ञानपथ

2.5 - SEC

Course Title	Stress management
Course Credits	2
Course Credits	
Course Outcomes After going through the course, learners will be able to	
	Understand the physiological and psychological process of stress
	2. Understand the relationship between stress and disease
	3. Different types of interventions needed to manage stress
Module 1(Credit 1) N	ature and perception of stress
Learning Outcomes	After learning the module, learners will be able to
	The mind body relationship in stress
	2. Types of stress management exercises
Content Outline	1.1 Psychophysiology of Stress1.2 Stress and disease1.3 Interventions1.4 Interpersonal, Intrapersonal, Perceptions
Module 2(Credit 1) St	ress Management Strategies
Learning Outcomes	After learning the module, learners will be able to
	Strategies to manage stress
	Context specific stress management techniques
Content Outline	1.1 General Applications a. Strategies to manage physical stress b. Strategies to decrease stressful behaviours 1.2 Specific Applications a. College life b. Work life c. Family life

Assignments/Activities towards Comprehensive Continuous Evaluation (CCE)

- Exercises mentioned in the prescribed text Self-monitoring methods
- Assessment of coping methods

- 1. Cooper, C. L., & Quick, J. C. (Eds.). (2017). *The handbook of stress and health: A guide to research and practice*. Wiley Blackwell.
- 2. Dasgupta, A., 1958. (2018). The science of stress management: A guide to best practices for better well-being. Rowman & Littlefield.
- 3. Fink, G., 2007. Encyclopedia of stress. 1st ed. Oxford: Academic Press/Elsevier.
- 4. Goleman, D., & Gurin, J. (1993). *Mind, body medicine: how to use your mind for better health.* Yonkers, N.Y., Consumer Reports Books.
- 5. Greenberg, J., 2020. *Comprehensive stress management*. 15th ed. New York, NY: McGraw-Hill.
- 6. Lazarus, R. and Folkman, S., 1984. Stress, appraisal, and coping. New York: Springer.
- 8. Romas, J. A., & Sharma, M. (2017). *Practical stress management: A comprehensive workbook*. Elsevier Science & Technology.Seaward, B. L. (1999). *Managing stress: principles and strategies for health and wellbeing*. Web enhanced, 2nd ed. Boston, Mass., Jones and Bartlett.
- 9. Smith, Jonathan C. (2002). *Stress management: a comprehensive handbook of techniques and strategies*. New York: Springer Publishing
- 10.van der Kolk, B. A. (2014). The body keeps the score: Brain, mind, and body in the healing of trauma. Viking.