Vāstuvidyā
(Revised Curriculum)

Department of Sanskrit and Eastern Studies
Bachelor of Arts Honours Degree Programme

2021 Onwards

Department of Sanskrit and Eastern Studies
Faculty of Humanities

University of Kelaniya
Sri Lanka

PROGRAMME SPECIFICATION

Key Features of the Programme	
Programme title:	Bachelor of Arts Honours in Vāstuvidyā
Final award: BA or BAHons, BSc. Hons	BAHons in Vāstuvidyā
(SLQF) Level	SLQF Level 6
Programme Code	VAST
Awarding institution/body:	University of Kelaniya
Teaching institution:	University of Kelaniya
Faculty:	Faculty of Humanities
Language of study and assessment	Sinhala/English
Departmental web page address:	https://hu.kln.ac.lk/depts/sans/
Method of study (Fulltime/Part-time/Split/Other)	Full time
Mode of teaching/delivery (direct classroom teaching/online/distance etc.)	Direct classroom teaching and Online teaching
Total no of notional hours	6000 hours
Credit value of the programme	• The BAHons in Vāstuvidyā has a total value of 120 SLQF credits (Each 1 credit is equivalent to 50 notional hours as defined by SLQF)
Criteria for admission to the programme (including SLQF level)	Minimum entry requirement is completion of SLQF Level 3 01. In the first year, "D" or better grades should be obtained for the course units of a minimum of 30 credits.

	02. A minimum of 2.30 GPA should be obtained for the relevant course units counted for the 30 credits.
	03. "C" or better grades and a minimum of 3.00 GPA should be obtained for 10 credits of the compulsory course units of the subject chosen for the honourse degree.
Length/duration of the programme	8 semesters
Progression: Employment and further study opportunities	Completion of SLQF Level 6 meets the minimum entry requirement for SLQF Level 7, 8, 9, 10, 11 and 12.
Relevant Subject Benchmark Statement (SBS), if specified	Reference to the subject benchmark statement for language and humanities studies publish by the quality assurance agency for UOK higher education.
Board of Examiners:	Examiners are nominated by the Head of the Department and the Faculty Board of Faculty of Humanities and are appointed with the approval of the University Senate.

Brief Introduction of the Awarding Institution & Department (approx. 500 words)

The Department of Sanskrit & Eastern studies plays a vital role as one of the longstanding Departments in University of Kelaniya with the purpose of enhancing the studies on Sanskrit in Sri Lanka. BA (General), BAHons, MA, Mphil and PhD have been conducted in addition to courses with reference to Astrology, Yoga and Vāstuvidyā for ages. The influence of Sanskrit is to be scrutinized on various fields as language, art, culture, administration context, astrology, Vāstuvidyā, sculpture, Music, Dance, Drama, Poetry, Literature & so forth. Sanskrit has been utilized as the technical language of Sri Lanka. It is apparent that entire circle of ancient technical treatises has been compiled in Sanskrit. Theories and principles that were employed by ancient constructors are based on Sanskrit sources. In Present, it is hard to find out appropriate experts who have examined the primary sources. That is because of the lack of knowledge of Sanskrit. In general, Conventional knowledge has been operated for years in order to construct the all kinds of buildings in Sri Lanka. Consequently, the different kind of imprecise concepts have come into exist in the society. Theories that were introduced by sages, by concerning the vibrations of five fundamental elements, as depicted in Sanskrit Vāstu Texts have practical approaches and scientific values. It is to be examined that the techniques that were used to construct gigantic pagodas,

large palaces, forts, statues and tanks etc. It is clear that the influence of Brahmanical culture and practice on Sri Lankan entire circle of society since the arrival of King Vijaya. Almost all the techniques that are comprised in Sanskrit Vāstu texts have scientific values that can be examined comparing the modern theorems.

Introduction of the Programme

It is unanimously accepted that the ancient architects utilized marvelous techniques so as to construct enormous buildings. The techniques that they practiced are similar to the information encompassed in Sanskrit vāstu texts. So, it is important to study the interdependent relation and their applicability. Then only it is capability to launch our, own constructive tradition that is based on Sanskrit Vāstu texts. In present, highly developed equipment, software and techniques are used with the intension of planning house and other buildings. It is necessary to produce qualified degree holders who can employ the ancient theories using modern materials. These degree holders will be able to fill a huge gap in society and they can guide to overcome the issues with reference to the construction field from the grass root level. This program will be a good response to the unemployment issue because the students who complete this program successfully even can keep up own employment career.

Overall Aims of the programme
To introduce accurate techniques on Vāstuvidyā based on primary Sanskrit texts To establish the own constructive tradition To utilize the modern materials based on ancient techniques To examine the scientific and practical approaches of techniques comprised in Sanskrit Vastu texts To be employed as draftsmen and vāstuśāstrajñās.

Programme Learning Outcomes (PLOs)

At the end of BAHonors Degree in Vāstuvidyā programme students will be able to

PLO 1   demonstrate a sound knowledge and understanding of techniques and principles of Vāstuvidyā and adapt in practice

PLO 2   design free hand drawing, architecture graphics, software and model building skills in the solution and documentation of house planning projects.

PLO 3   apply a design decision making process through appropriate technical documentation in a manner that is client–centered, sustainable, aesthetic, cost effective and socially responsible.

PLO 4   conduct, analyze and interpret data through a self–reflective process of conceptualization and design thinking which is open to consideration of alternative perspectives.

PLO 5   acquire and apply new knowledge as needed, using appropriate learning strategies and engage in applications-oriented design, modern tools, including computer aided design.

PLO 6   communicate effectively with a range of audiences as an individual and as a team member in professional environment along with the awareness of the need to respect diversity.

PLO 7 take leadership and work in the professional environment with responsibility, adaptability and accountability while respecting cultural diversity.

PLO 8 exhibit positive attitudes and value social responsibility and serve to the community

PLO 9 demonstrate behaviors that is consistent with the code of professional ethics and responsibilities.

PLO 10 identify, formulate and solve critical issues in the respective field and propose practical and scientific solutions grounded in ancient conventional sources innovatively using current techniques and technology.

Course Structure

Level	Course Code	Title of the Paper	Type	SLQF Credit	Notional Hours	
					Direct contact hours (teaching /Tutoring)	Self – learning conducting Assessment, preparation for assessment
Level 02	VAST 21614	Kṣetraphalasādhanaya and measurements	Compulsory	4	60	140
	VAST 21624	Fundamentals of Architectural Drawings - I	Compulsory	4	60	140
	VAST 21634	Interior Design and Door planning	Compulsory	4	60	140
	VAST 21642	Sanskrit studies in English	Compulsory	2	30	70
	VAST 21651	Community Service Engagement	Optional	1	15	35
	VAST 22664	Introduction to Sanskrit Language	Compulsory	4	60	140
	VAST 22674	Vāstuśāstra text studies I	Compulsory	4	60	140
	VAST 22684	Astrology Rituals and Vāstuśāstra	Compulsory	4	60	140
	VAST 22694	Fundamentals of Architectural	Compulsory	4	60	140

		Drawings - II				
Level 03	VAST 31614	Evolution of vāstuśāstra	Compulsory	4	60	140
	VAST 31624	Monastic Architecture	Compulsory	4	60	140
	VAST 31634	Defects and the Remedies	Compulsory	4	60	140
	VAST 31644	Sanskrit comprehension and composition I	Compulsory	4	60	140
	PSNH 31512	National heritage and civic responsibility	Optional	2	30	70
	VAST 32654	Secondary Components of House planning & Landscape	Compulsory	4	60	140
	VAST 32664	Soft skills development	Compulsory	4	60	140
	VAST 32674	Computer Aided Architectural Drafting	Compulsory	4	60	140
	VAST 32682	Internship	Compulsory	2		200
	PSIT 32522	ICT skills for education and professional Part I	Optional	2	30	70
Level 04	VAST 41624	Town planning and sustainable development	Compulsory	4	60	140
	VAST 41633	The Process of Writing the Thesis & Research Methodology	Compulsory	3	45	105
	VAST 41644	Computer based advanced Architectural modelling	Compulsory	4	60	140
	VAST 41652	Internship	Compulsory	2		200
	PSIT 41512	ICT Skills for education and professional part II	Optional	2	30	70
	VAST 42664	Modern Architectural design and basic project planning	Compulsory	4	60	140
	VAST 42673	Vāstuśāstra text studies - II	Compulsory	3	45	105
	VAST 42684	Commercial Architecture & Engineering	Compulsory	4	60	140
	VAST 42696	Dissertation	Compulsory	6	90	210
Total no. of Credits of level 2,3&4			**90**			
Total no of teaching hours			**1350hrs**			
Total no of notional hours			**4500hrs**			

Contribution of course units/modules to the compliance requirement

For each of the course unit/module in the study programme, indicate the learning outcomes that the students are expected to achieve in the following table.

SLQF Level of the Study Programme:

Course Unit/Module:		
Categories of Learning Outcomes	**SLQF Requirements[1]**	**Which learning outcomes are achieved[3]**
1. Subject / Theoretical Knowledge	Interactive lectures, team based learning, and other small group activities.	PLO 1,2
2. Practical Knowledge and Application	Problem based learning, team - based learning, inquiry based learning, practical classes, laboratory sessions, role play.	PLO 3, 10
3. Communication	Student presentation, role play, debates, dramas.	PLO 4, 9
4. Teamwork and Leadership	Group projects, industrial training, small group learning, e.g. problem based learning, games.	PLO 7, 9
5. Creativity and Problem Solving	Assignments, projects, small group learning activities, e.g. problem based learning.	PLO 5, 10
6. Managerial and Entrepreneurship	Group projects, industrial training, small group learning, and e.g. Problem based learning, games simulated training, industrial. (workplace based) training	PLO 6,7
7. Information Usage and Management	Assignment, presentation, project, case studies.	PLO 6 , 10

8. Networking and Social Skills	Student presentations, role play, debates, dramas	PLO 7
9. Adaptability and Flexibility	Group projects, industrial training, small group learning, e.g. problem-based learning, role plays. Portfolios.	PLO 7, 9
10. Attitudes, Values and Professionalism	Group projects, industrial training, small group learning, e.g. program based learning, role play portfolios.	PLO 7, 8. 10
11. Vision for Life	Portfolio, reflective practice	PLO 8
12. Updating Self / Lifelong Learning	Portfolio, reflective practice	PLO 7,8

Course Structure of the Degree Programme and Compliance with SLQF Level Descriptors for the 8 – Semester Study Programme

		Categories of Learning Outcomes											
Programme Learning Outcomes[3]		PLO 1,2	PLO 3	PLO 4	PLO 7	PLO 5	PLO 6,7	PLO 6	PLO 7	PLO 7	PLO 7, 8	PLO 8	PLO 7,8
[1]	[2]			2	3	4	5	6	7	8	9	10 11	12
Semester	Course Unit	Subject / Theoretical Knowledge	Practical Knowledge and Application 1	Communication	Teamwork and Leadership	Creativity and Problem Solving	Managerial and Entrepreneurship	Information Usage and Management	Networking and Social Skills	Adaptability and Flexibility	Attitudes, Values and Professionalism	Vision for Life	Updating Self / Lifelong Learning
1	VAST 11312	×											
	VAST 12343	×											

2	VAST 12332		✕											
	VAST 12343		✕											
3	VAST 21614					✕		✕						
	VAST 21624		✕			✕		✕						
	VAST 21634					✕								
	VAST 21642			✕					✕					
	VAST 21651										✕	✕		
04	VAST 22664			✕						✕				
	VAST 22674							✕		✕				
	VAST 22684					✕	✕							
	VAST 22694							✕	✕					
05	VAST 31614	✕	✕											
	VAST 31624	✕	✕											
	VAST 31634					✕		✕						✕
	VAST 31643			✕										
	VSNS 31752	✕										✕		
06	VAST 32654							✕	✕					
	VAST 32664			✕	✕					✕	✕	✕		
	VAST 32674					✕	✕							✕
	VAST 32682		✕				✕					✕	✕	
07	VAST 41623	✕	✕											
	VAST 41634		✕				✕							
	VAST 41644						✕				✕			
	VAST 41652		✕		✕		✕					✕	✕	

No	Code												
	PSIT 41762	✕	✕										
08	VAST 42663						✕			✕		✕	
	VAST 42673		✕	✕									
	VAST 42684		✕				✕						
	VAST 42696		✕		✕	✕	✕	✕			✕		✕

Course Specification

01.	**Code of the Course Unit**	**VAST 21614**
02.	**Title of the Course Unit**	*kṣetraphalasādhanaya* **& Measurements**
03.	**Number of Credits**	**4**
04.	**Type**	**Compulsory**

05.	**Intended Learning Outcomes (ILOs)**
	At the completion of this course unit the student will be able • To recognize the various types of measurements • To differentiate the modern and traditional measurements • To explain the structure of site formula (*padakṣetra*) • To analyze the methods of measure of the field (*kṣetraphalasādhana – vidhi*)

06.	**Course Content: (Main topics, subtopics)**
	• History of the measurement • Sri Lankan ancient measurement • Types of measurements, inch, cubit, different types of measurements • Methods of measure of the field (*kṣetraphalasādhanaya)* • Measurements of normal houses and palaces • Measurements of monasteries • Width and length, structure of site formula (*pādacakra*) • Measurements of basement • Storages • Height length and width of the wall (monasteries, palaces and houses) • Differences and similarities of modern and ancient measurements • Measurements of different plans, sites • Different dimensional formulas based on primary texts.

07.	**Number of Notional Hours: 200**	
	1. Lecture Hours: 60	**3.** Self-study and Homework Preparation Hours: 60
	2. Tutorial Hours: 40	**4.** Hours for recommended reading: 40
08.	**Evaluation and Assessment:**	
	In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated	
	*Expected kṣetraphalasādhanaya & Measurements to be evaluated through the continuous assessments***:**	
	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:	
09.	**Recommended Readings:**	

1. Bandaranayaka, S., (1974). *Sinhalease Monastic Architecture*. London: Studies in South Asian Culture.
2. Battacharya, Barapada,(1947), *A Study on Vastu-Vidya or Cannons of Indian Architecture***.** Delhi: TaraporevalaPublishers.
3. Coomaraswamy, Ananda, K., (1975). *Early Indian Palaces*. New Delhi: Munshiram Manoharilal Publishers, Pvt Ltd.
4. Coomaraswamy, Ananda, K.,(1934). *The Transformation of Nature In Art*. New York: The Dover Publishers.
5. Marasinghe, E.W., (1989). *The Vāstuvidyāśāstra ascribed to Manjusri* (ed. & Tr.).Delhi: Satguru Publishers.
6. Marcus,Fernando,W.B.,(1965). *Ancient City of Anuradapura*. The Archeological Department.
7. Wijesekara, Nandadeva,(1990). *Architecture*. Archaeological Department Centenary - Volume.
8. fldar<f.a" ohdr;ak" ^2000&' *úoHd;aul mokula u; jdia;= Ys,amh*' l¾;D m%ldYk'

01.	**Code of the Course Unit**	VAST **21624**
02.	**Title of the Course Unit**	**Fundamentals of Architectural Drawings - I**
03.	**Number of Credits**	**4**
04.	**Type**	**Compulsory**

05.	**Intended Learning Outcomes (ILOs)**
	At the completion of this course unit the student will be able
	- To identify the main interface elements, set up - To create and use drawing templates files - To describe the object property management system and annotation - To explain the workflows for organizing drawing geometry - To create basic drawing setups for architectural drawings

06.	**Course Content: (Main topics, subtopics)**
	- Intro to CAD - Intro to AutoCAD - Starting AutoCAD - Command and input methods - Using dialog boxes - Starting a drawing - Setting up a drawing - Precision drawing and drawing aids - Geometric shapes - Constructing geometric figures - Coordinate system and modify commands - Drawing construction lines - Setting line type - Scale factor - Basic printing - Editing tools.

07.	**Number of Notional Hours: 200**	
	1. Lecture Hours: 60	**3.** Self-study and Homework Preparation Hours: 60
	2. Tutorial Hours: 40	**4.** Hours for recommended reading: 40

08.	**Evaluation and Assessment:**
	In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated
	*Expected Fundamentals of Architectural Drawings - I to be evaluated through the continuous assessments***:**

	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:
09.	**Recommended Readings:** 1. Lockley, S. R., & Mahdjoubi, L., (1996). *AutoCAD.* London: DP Publications. 2. Yarwood, A. (1991). *A student's AutoCAD.* Harlow, Essex, England: Longman Scientific & Technical. 3. Earle, J. H. (2008). *Engineering design graphics: AutoCAD 2007*. Upper Saddle River, N.J: Pearson/Prentice Hall. 4. Bertoline, G. R., & Frampton, J. D. (1994). *The essential AutoCAD.* New York: Macmillan College. 5. McFarlane, R. (2002**). *Beginning AutoCAD* 2002. Oxford: Butterworth Heinemann. 6. Mcfarlane, B. (2016). *Beginning Auto CAD 2007*. Place of publication not identified: Routledge.

01.	**Code of the Course Unit**	**VAST 21634**
02.	**Title of the Course Unit**	**Interior Design & Door Planning**
03.	**Number of Credits**	**4**
04.	**Type**	**Compulsory**

05.	**Intended Learning Outcomes (ILOs)** At the completion of this course unit the student will be able • To describe the theories of establishment interior segments based on primary texts • To categorize the doors with regard to the direction • To analyze the effects and affects of door establishment • To explain the different kinds of door - establishments
06.	**Course Content: (Main topics, subtopics)** • Selection of accurate directions • Main segments of interior planning, bathroom, toilets, bedrooms, master bed room, study room, guest room, kitchen, dining room, living room, shrine room, store room, staircases, balconies • Types of doors, appropriate places for doors, doors and direction, effects of door • Establishment of main door • Methods of selection of right place for sub-doors • Height and width of doors • Materials used for doors • Ancient and modern principals of interior designs specific features of interior aspects of Sri Lankan houses • Features of beds • Utilization of the colour • Roof planning based on primary texts.
07.	**Number of Notional Hours: 200** **1.** Lecture Hours: 60 **3.** Self-study and Homework Preparation Hours: 60 **2.** Tutorial Hours: 40 **4.** Hours for recommended reading: 40
08.	**Evaluation and Assessment:**
	In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated *Expected Interior Design & Door Planning to be evaluated through the continuous assessments***:**
	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:

09.	**Recommended Readings:** 1. Altekar, Rahul, Viswas, (2004). *västuçästra. New Delhi:* D.K. Print World Pvt. Ltd. 2. Babu, Niranjan, B**.,** (2005). ***Hand Book of Vāstu***. New Delhi: UBS Publishers' Distributors Pvt. Ltd. 3. Devi, Vasudev, Gayatri, (2009). ***Vāstu***. Delhi: MotilalBanarshidass Publishers. 4. Acharya, P.K. (Prasanna kumar), (1979). ***An Encyclopedia of Hindu Architecture***. New Delhi: Oriental Books Reprint Corporation. 5. fldar<f.a" ohdr;ak" ^2000&' ***úoHd;aul mokula u; jdia;= Ys,amh***" l¾;D m%ldYk' 6. mshr;ak" iq.;a" ^2007&' ***.Dyks¾udK Ys,amh***' l=reKE.," wkqr m%skag¾ia' 7. je,sl, ã'tia'Ô'" ^1992&' f.***dvke.s,s bÈlsÍï ;dCIKh***' kqf.af.dv" o fld,sá m%skag¾ia' 8. fifkúrejka" u;=.u" ^1998&' ***isxy, jdia;= lsß;a;a;u***" l¾;D m%ldYk

01.	**Code of the Course Unit**	**VAST 21642**
02.	**Title of the Course Unit**	**Sanskrit Studies in English**
03.	**Number of Credits**	**2**
04.	**Type**	**Compulsory**

05.	**Intended Learning Outcomes (ILOs)**
	At the completion of this course unit the student will be able
	- To identify the fundamental rules on English grammar, - To describe the significance of learning English for Sanskrit Studies, - To create accurate sentences in English, - To explain the methods of translation English to Sanskrit vice versa, - To discuss the scope of the selected vāstu texts

06.	**Course Content: (Main topics, subtopics)**
	- Basics of English grammar (Noun, Pronoun, verb, adjective, adverb, preposition, conjunction, interjection, articles) - Formt of the sentence - Tenses and utilization - Active voice and passive voice - Methods of transliteration - Translation and study of selected portion from primary vāstu texts such as Mañjusri vāstuvidyā śāstra, Mānasāra and Mayamata - Simple methods of comprehension and compositions in English - Reading and comprehension of selected portion with reference to Sanskrit primary vāstu texts.

07.	**Number of Notional Hours: 100**
	1. Lecture Hours: 30 **3.** Self-study and Homework Preparation Hours: 30 **2.** Tutorial Hours: 20 **4.** Hours for recommended reading: 20

08.	**Evaluation and Assessment:**
	In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated
	Expected Sanskrit Studies in English to be evaluated through the continuous assessments:
	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:

09.	**Recommended Readings:** 1. Thomson, A.J., & Martinet, A.V. (2012). A practical English grammar. Oxford: Oxford Univ. Press. 2. Eastwood, J., & Mackin, R. (1991). A basic English grammar. Oxford: Oxford University Press. 3. Elliott, R. C. (2000). Basic English grammar. Bloomington, IN: 1st Books Library. 4. Jespersen, O. (2013). Essentials of English grammar. London: Routledge. 5. Murphy, Raymond., (2000). Essential English Grammar with Answers, London, Cambridge University press. 6. Murphy, Raymond.,(1999). Advanced English Grammar with Answers, London, Cambridge University press. 7. Murphy, Raymond.,(1999). Intermediate English Grammar with Answers, London, Cambridge University press. 8. Prasada, Rao, N.D.V., (2017). High School English Grammar and Composition Book, S Chand Publishing: Regular edition.

01.	**Code of the Course Unit**	**VAST 21651**
02.	**Title of the Course Unit**	**Community Service Engagement**
03.	**Number of Credits**	**1**
04.	**Type**	**Optional**
05.	**Intended Learning Outcomes (ILOs)** At the completion of this course unit the student will be able to - Nurturing community-oriented thinking pattern and emphasize cooperate social responsibility in day-to-day social life as a member of the society. - Conceptualize the characteristics and meaning of 'Community' while understanding community dynamics in their life course. - Improve students' engagement with one of selected community or part of community among different communities in their local, regional, or at the national levels and develop the concept of volunteerism. - Enhance attitudes towards social harmony by engage with different social clusters, communities, ethnic groups, religious groups, marginalized communities, etc. - Develop community-oriented thinking pattern among various student groups within the faculties and the university, conceptualize, articulate and propose possible remedial actions to improve the targeted community livelihood or living standards. - Provide a substantial social platform to understand the cooperate social responsibility and volunteerism as a member of the society.	
06.	**Course Content: (Main topics, subtopics)** 1. An introduction to the nature of course unit, its ILOs, basic concepts, and historical background of community service engagements and volunteerism will be provided through a series of lecture hours (2 lecture hours x 8 weeks). 2. A series of guidance will be provided through LMS, mentoring, and supervision on preparation project work targeted community service engagement proposed by a group of students in each department who are following the degree program. Each department will be nominated a lecturer who is responsible for mentoring and supervising the students' community service engagement proposal and proposed activities carried out. When there is no sufficient number of students under a particular department such small group of students can be joint with another department community service engagement planning works in terms of collaboration between each department. 3. Community service engagement activity which is a practical approach should be implement targeting a particular community, society, association, institution, or socially excluded group in the mainstream society and the group of students needs to produce audio visual evidences at the end of the activity performed. This is in addition to the project proposal and they can upload such evidences into the university website, their Face Book walls, etc. However, such public domains should be used after consultation of the mentor in the respective departments. 4. All respective students' groups who are engaging in community services are expected to have a healthy dialogues between group members and fellow students and teachers as well as other interested members or groups in different platforms, especially in online platforms.	

07.	**Number of Notional Hours: 50**	
	1. Lecture Hours: 15	**3.** Self-study and Homework Preparation Hours: 15
	2. Tutorial Hours: 10	**4.** Hours for recommended reading: 10
08.	**Evaluation and Assessment:**	
	In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated	
	*Expected Community Service Engagement to be evaluated through the continuous assessments***:**	
	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:	
09.	**Recommended Readings:** 1. Chekki, Dan A. (1980) Community Development: Theory and Method of Planned Change. New Delhi, Vikas Publishing House Pvt Ltd. 2. Lloyd, Vera (2014) Community Services Intervention: An Introduction to Direct Practice. Sydney, Allen & Unwin. 3. lreKd;s,l fla' ^2007&*m%dfhda.sl iudcúoHdj*" lvj;" ud,sx. m%ldYlfhda'	

01.	**Code of the Course Unit**	**VAST 22664**
02.	**Title of the Course Unit**	**Introduction to Sanskrit Language**
03.	**Number of Credits**	**4**
04.	**Type**	**Compulsory**

05.	**Intended Learning Outcomes (ILOs)**

At the completion of this course unit the student will be able

- To identify the history of Sanskrit language,
- To demonstrate the Sanskrit alphabet with formal categorization,
- To describe the basic rules of articulations,
- To identify the practical usage of Sanskrit alphabet,
- To recognize the rudiments of Sanskrit grammar,
- To interpret elementary Sanskrit texts.

06.	**Course Content: (Main topics, subtopics)**

- History of Sanskrit language
- Its development
- *Devanagari* alphabet
- *C*ategorization of alphabet
- Place of articulations of the letters in alphabet
- *Saṁjñā nāma*, basic rules such as numerals and ordinals
- Primary rules in relation to sandhi
- Traditional and innovative methods of combination rules
- Conjugation of root classes 1, 4, 6, 10 with unchangeable bases (*sārvadhātuka lakāra*) and compose simple sentences in Sanskrit.

07.	**Number of Notional Hours: 200**

1. Lecture Hours: 60   **3.** Self-study and Homework Preparation Hours: 60

2. Tutorial Hours: 40   **4.** Hours for recommended reading: 40

08.	**Evaluation and Assessment:**

In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated

*Expected Introduction to Sanskrit Language to be evaluated through the continuous assessments***:**

End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:

09.	**Recommended Readings:** 1. MacDonnell" A.A', (1956). *A Sanskrit Grammar for Students*, New edition, New Delhi: Mortilal Banaridas. 2. Oïñkao" yEf.dv " (1956). ***ixialD; jHdlrK ;rx.KS'*** urodk" iuhj¾Ok m%ldYlfhda' 3. chiQßh" tï' tÉ' t*a'" (1960). ***ixialD; YslaIh i,ii'*** fld<U" rdcH NdId fomd¾;fïka;=j' 4. chfialr" wdkkao, (1961). ***;=,kd;aul jd.a úoHdj'*** fld<U" f,alayjqia bkafjiaukaÜia' 5. .=ref.a ví' mS' wdkkao'" ^1954&' ***isxy,h yd ixialD;h'*** fld<U" f,daflda uqøKd,h' 6. wdkkao ffuf;%h" n,kaf.dv" ^2002&' ***ir, ixialD; YslaIlh"*** kqf.af.dv" fudvka fmd;a iud.u' 7. wdkkao ffuf;%h" n,kaf.dv'" ^1996&' ***ir, ixialD; YslaIlh*** - II, kqf.af.dv" fudvka fmd;a iud.u' 8. wdkkao ffuf;%h" n,kaf.dv" ^1956&' ***ixialD; kdu jrke.Su'*** kqf.af.dv" fudvka fmd;a iud.u' 9. r;kdr" lyfõ" ^1956&' ***idrd¾:pkaøsld*** ' l¿;r" úoHdodrl;aj uqøKd,h'

01.	**Code of the Course Unit**	**VAST 22674**
02.	**Title of the Course Unit**	**Vāstuśāstra Text Studies - I**
03.	**Number of Credits**	**4**
04.	**Type**	**Compulsory**

05.	**Intended Learning Outcomes (ILOs)** At the completion of this course unit the student will be able • To recognize the syntax and patterns • To examine the primary sources • To discuss the differences of primary sources • To analyze the essence of primary sources

06.	**Course Content: (Main topics, subtopics)** • Syntax in Sanskrit adaptation • Methods of translation • Translation and translation and selected portion of *śilpa* texts on *vāstuśāstra*, such as Mayamata, Manjusri bhāṣita vāstuvidyā śāstra and Viśvakarmaprakāśa , Mānasāra, Manuṣyālayacandrikā and Bṛhatsamhitā, Technical terms on vāstu*śāstra.*

07.	**Number of Notional Hours: 200** **1.** Lecture Hours: 60 **3.** Self-study and Homework Preparation Hours: 60 **2.** Tutorial Hours: 40 **4.** Hours for recommended reading: 40

08.	**Evaluation and Assessment:**
	In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated *Expected Vāstuśāstra Text Studies - I to be evaluated through the continuous assessments***:**
	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:

09.	**Recommended Readings:** 1. Altekar, Rahul, Viswas, (2004). ***Vāstuśāstra****. New Delhi:* D.K. Print World Pvt. Ltd. 2. Babu, Niranjan, B**.***,** (2005). ***Hand Book of Vāstu***. New Delhi: UBS Publishers' Distributors Pvt. Ltd. 3. Devi, Vasudev, Gayatri, (2009). ***Vāstu***.Delhi: MotilalBanarshidass Publishers. 4. Acharya, P.K. (Prasanna kumar), (1979). ***An Encyclopedia of Hindu Architecture***. New Delhi: Oriental Books Reprint Corporation.

5. fldar<f.a" ohdr;ak" ^2000&' ***úoHd;aul mokula u; jdia;= Ys,amh***' l¾;D m%ldYk'
6. mshr;ak" iq.;a" ^2007&' ***.Dyks¾udK Ys,amh***' l=reKE.," wkqr m%skag¾ia'
7. je,sl, ã'tia'Ô'" ^1992&' f***.dvke.s,s bÈlsÍï ;dCIKh***' kqf.af.dv" o fld,sá m%skag¾ia'
8. fifkúrejka" u;=.u;=.u" ^1998&' ***isxy, jdia;= lsß;a;a;a;u***' l¾;D m%ldYk'

01.	**Code of the Course Unit**	**VAST 22584**
02.	**Title of the Course Unit**	**Astrology; Rituals and Vāstuśāstra**
03.	**Number of Credits**	**4**
04.	**Type**	**Compulsory**

05.	**Intended Learning Outcomes (ILOs)**
	- To prepare the auspicious time regarding house construction - To explain the astrological aspects related to vāstuśāstra - To distinguish the various rituals based on primary texts - To use the rituals accurately.

06.	**Course Content: (Main topics, subtopics)**
	- Methods of selection of the auspicious time for construction of the buildings (gṛhārambhamuhūrtavidhi) - effects and the affects of the planets - auspicious time, Position of the planets - Features of zodiac - different formula of astrology related to vāstuśāstra such as nādikūta, gaṇamaitrīvibhäga, daśāphala, śalyoddhāracakra, ahivalayacakra, vṛṣabha, vāstucakra, dvāracakra - vital rituals related to purification of land - inception of foundation - establishment of door bars - auspicious entrance - essential materials for foundation stone and evolution of rituals in Sri Lanka - Basics of astrology the methodology of making horoscope the methods of analysis of horoscope different formulas of horoscopes.

07.	**Number of Notional Hours: 200**
	1. Lecture Hours: 60 **3.** Self-study and Homework Preparation Hours: 60 **2.** Tutorial Hours: 40 **4.** Hours for recommended reading: 40

08.	**Evaluation and Assessment:**
	In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated *Expected Astrology; Rituals and Vāstuśāstra to be evaluated through the continuous*

	*assessments***:**
	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:
09.	**Recommended Readings:** 1. Acharya, P.K. (Prasanna kumar), (1981). A Dictionary of Hindu Architecture. New Delhi: Oriental Books Reprint Corporation. 2. Acharya, P.K. (Prasanna kumar), (1980). Architecture of Mānasāra. New Delhi: Oriental Books Reprint Corporation. 3. Acharya, P.K. (Prasanna kumar), (1927). Indian Architecture according to Mānasāra – çilpaçästra. New Delhi: Oriental Books Reprint Corporation. 4. Acharya, P.K. (Prasanna kumar), (1979). An Encyclopedia of Hindu Architecture. New Delhi: Oriental Books Reprint Corporation. 5. Vasudev, çästré, K., (1958). viçvakarma västuçästram. Delhi: Sri vani vilas press. 6. çrépati, (1957). jyotiña ratnamälä. Poona. 7. Keller, Agathe, Mahesh, Koolakodlu, & Montelle, Clemency. (n.d.). (2005). Numerical Tables in Sanskrit Sources. 8. Larsen, V. (2002). Jyotiṣa fundamentals: My master's words. New Delhi: Sagittarius Publications. 9. Śrīpati, ., & Panse, M. G. (1957). Jyotiṣa-ratna-mālā of Śrīpati Bhaṭṭa. Poona: Deccan College Post-Graduate and Research Inst.

01.	**Code of the Course Unit**	**VAST 22694**
02.	**Title of the Course Unit**	**Fundamentals of Architectural Drawings - II**
03.	**Number of Credits**	**4**
04.	**Type**	**Compulsory**

05.	**Intended Learning Outcomes (ILOs)** At the completion of this course unit the student will be able • To describe the usage of computer aided design tools • To modify and edit drawing objects (3D and 2D) • To create production – ready drawings in model space • To annotate a drawing through the creation and editing of dimensions.

06.	**Course Content: (Main topics, subtopics)** • Architectural views and drafting views AutoCAD and basic 3D modeling with Revit and AutoCAD (surface, solid) • 3D modeling with sketch up • Annotating in AutoCAD with text and hatching, layers, object grouping • Mmultiple layouts • Templates and design center • Advanced plotting • Dimensioning.

07.	**Number of Notional Hours: 200** **1.** Lecture Hours: 60 **3.** Self-study and Homework Preparation Hours: 60 **2.** Tutorial Hours: 40 **4.** Hours for recommended reading: 40

08.	**Evaluation and Assessment:**
	In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated *Expected Fundamentals of Architectural Drawings - II to be evaluated through the continuous assessments***:**
	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated

	Question Paper:
09.	**Recommended Readings:** 1. Thomas, R. M. (1989). *Advanced Techniques in AutoCAD.* San Francisco: Sybex. 2. Head, G. O., Pietra, C. A., & Segal, K. J. L. (1991**). *The AutoCAD 3D book*. Chapel Hill, NC: Ventana Press. 3. McFarlane, R. (1997). *Introducing 3D AutoCAD*. London: Edward Arnold. 4. Dix, M., & Riley, P. (2013). *Discovering AutoCAD,* Boston: Pearson. 5. Fane, B., & John Wiley and Sons. (2016). *AutoCAD for dummies*.

01.	**Code of the Course Unit**	**VAST 31614**
02.	**Title of the Course Unit**	**Evolution of Vāstuśāstra**
03.	**Number of Credits**	**4**
04.	**Type**	**Compulsory**

05.	**Intended Learning Outcomes (ILOs)**

At the completion of this course unit the student will be able

- To identify vāstuvidyā with its inception
- To list and group the important schools and traditions
- To discuss the pioneers of vāstuvidyā
- To illustrate the structure of çilpa texts on vāstuśāstra
- To recognize the origin of vāstuśāstra in Sri Lanka on the basis of primary sources
- To group and examine the structure of vāstuvidyā texts composed in Sri Lanka.

06.	**Course Content: (Main topics, sub topics)**

- History of Vāstuvidyā
- History of Indian *Vāstuvidyā*
- Rise of *Vāstuvidyā*
- Main Schools
- Pioneers of vāstuśāstra
- Great works and their domain and structure
- Indian and Sri Lankan treateses on *Vāstuvidyā such as Viśvakarmaprakāśa*, *Vāsturatnāvalī, Manuśyālayacandrikā, Mānasāra, Mayamata, Vāstuśāstra in Rigveda period, Earliest writers of the Vāstuśāstra development of vāstuvidyā from 1st to sixth century A.D.*
- Origin and development of human houses, as per the difference authorities: ***Matsyapurāṇa, Agnipurāṇa, Viṣṇudharmottarapurāṇa, Bṛhatsaṁhitā, Mānasāra,*** epics, Buddhist literature, ***kautilya Arthaśāstra*** and so forth, history of vāstuvidyā , historical and literary sources, ancient places
- Construction of monasteries
- Techniques of building pagodas in Sri Lanka
- Influence of *vāstu* texts on house planning in Sri Lanka
- The changes of different eras
- Different types of houses material.

07.	**Number of Notional Hours: 200**

1. Lecture Hours: 60	**3.** Self-study and Homework Preparation Hours: 60
2. Tutorial Hours: 40	**4.** Hours for recommended reading: 40

08.	**Evaluation and Assessment:**

In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated

Expected Evolution of Vāstuśāstra to be evaluated through the continuous assessments:

	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:
09.	**Recommended Readings:** 1. Altekar, Rahul, Viswas, (2004). *Vāstuśāstra. New Delhi:* D.K. Print World Pvt. Ltd. 2. Babu, Niranjan, B*.,* (2005). *Hand Book of Vāstu*. New Delhi: UBS Publishers' Distributors Pvt. Ltd. 3. Devi, Vasudev, Gayatri, (2009). *Vāstu*.Delhi: MotilalBanarshidass Publishers. 4. Acharya, P.K. (Prasanna kumar), (1979). *An Encyclopedia of Hindu Architecture*. New Delhi: Oriental Books Reprint Corporation. 5. Acharya, P.K. (Prasanna kumar), (1980). *A Dictonary of Hindu Architecture*. New Delhi: Oriental Books Reprint Corporation. 6. Acharya, P.K. (Prasanna kumar), (1980). *Architecture of Mānasāra*. New Delhi: Oriental Books Reprint Corporation. 7. Marasinghe, E.W., (1989). *The Vāstuvidyāśāstra ascribed to Manjusri* (ed. & Tr.).Delhi: Satguru Publishers. 8. Shukla, Dvijendranāth, (1968). *Bārathiya Sthāpatya.* Laknav*:* Hindu SamitiSucanaVibhāga.

01.	**Code of the Course Unit**	**VAST 31624**
02.	**Title of the Course Unit**	**Monastic Architecture**
03.	**Number of Credits**	**4**
04.	**Type**	**Compulsory**

05.	**Intended Learning Outcomes (ILOs)**
	At the completion of this course unit the student will be able
	- To explain the evolutional monastic architecture - To accumulate information based on primary sources - To compare the techniques with modern monastic architecture - To examine the techniques on monastic vāstu - To analyze the differences on various sources - To describe the scientific values.
06.	**Course Content: (Main topics, subtopics)**
	- Origin and evolution of Buddhist monasteries - The recognition of fundamental edifies of monastery - Vital parts of monastic architecture - System of measurements - Types of materials - Shapes of roof - Foundation 12 types of main plans - Other sub plans - Defects and remedies - Scientific approach - Identical features of Sri Lankan monastic culture - Door and main entrances - Directions, slopes and roof - Soil testing - Usage of wooden - Painting and decoration - Theories of reconstruction - Rituals and cultural impact.
07.	**Number of Notional Hours: 200**
	1. Lecture Hours: 60 **3.** Self-study and Homework Preparation Hours: 60 **2.** Tutorial Hours: 40 **4.** Hours for recommended reading: 40
08.	**Evaluation and Assessment:**
	In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated
	*Expected Monastic Architecture to be evaluated through the continuous assessments***:**

	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:
09.	**Recommended Readings:** 1. Altekar, Rahul, Viswas, (2004). *Vāstuśāstra. New Delhi:* D.K. Print World Pvt. Ltd. 2. Babu, Niranjan, B*.,* (2005). *Hand Book of Vāstu*. New Delhi: UBS Publishers' Distributors Pvt. Ltd. 3. Devi, Vasudev, Gayatri, (2009). *Vāstu*.Delhi: MotilalBanarshidass Publishers. 4. Acharya, P.K. (Prasanna kumar), (1979). *An Encyclopedia of Hindu Architecture*. New Delhi: Oriental Books Reprint Corporation. 5. Acharya, P.K. (Prasanna kumar), (1980). *A Dictonary of Hindu Architecture*. New Delhi: Oriental Books Reprint Corporation. 6. Acharya, P.K. (Prasanna kumar), (1980). *Architecture of Mānasāra*. New Delhi: Oriental Books Reprint Corporation. 7. Marasinghe, E.W., (1989). *The Vāstuvidyāśāstra ascribed to Manjusri* (ed. & Tr.).Delhi: Satguru Publishers.

01.	Code of the Course Unit	VAST 31634
02.	Title of the Course Unit	Defects and the Remedies
03.	Number of Credits	4
04.	Type	Compulsory

05.	Intended Learning Outcomes (ILOs)
	At the completion of this course unit the student will be able
	- To define the defects - To describe the various kinds of effects - To analyze the affects of defects - To construct the accurate remedies - To explain the scientific reasons of defects and remedies.

06.	Course Content: (Main topics, sub topics)
	- Vital point, backbone, rope, defects related to veins of the site - Defects on the selection of land - Defects pertaining to the positioning of doors - Defects of houses - Defects related to the well - Defects of planning direction (*marma – vaṁśa - rajju- śirā-bhūmidoṣa-dvāravedha- gṛhavedhadoṣa-kūpadoṣa- diśādoṣa* and remedies for those defects (v*edhadoṣas)* review and scrutiny of selected plans - Defects related to roof planning - Traditional belief on defects and remedies.

07.	**Number of Notional Hours: 200**
	1. Lecture Hours: 60 **3.** Self-study and Homework Preparation Hours: 60
	2. Tutorial Hours: 40 **4.** Hours for recommended reading: 40

08.	**Evaluation and Assessment:**
	In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated
	*Expected Defects and the Remedies to be evaluated through the continuous assessments***:**
	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:

09.	**Recommended Readings:**
	1. Altekar, Rahul, Viswas, (2004). ***Vāstuśāstra****. New Delhi:* D.K. Print World Pvt. Ltd. 2. Babu, Niranjan, B**.,** (2005). ***Hand Book of Vāstu***. New Delhi: UBS Publishers' Distributors Pvt. Ltd.

3. Devi, Vasudev, Gayatri, (2009). *Vāstu*.Delhi: MotilalBanarshidass Publishers.
4. Acharya, P.K. (Prasanna kumar), (1979). *An Encyclopedia of Hindu Architecture*. New Delhi: Oriental Books Reprint Corporation.

5. Acharya, P.K. (Prasanna kumar), (1980). *A Dictonary of Hindu Architecture*. New Delhi: Oriental Books Reprint Corporation.
6. Acharya, P.K. (Prasanna kumar), (1980). *Architecture of Mānasāra*. New Delhi: Oriental Books Reprint Corporation.
7. Marasinghe, E.W., (1989). *The Vāstuvidyāśāstra ascribed to Manjusri* (ed. & Tr.).Delhi: Satguru Publishers.
8. fldar<f.a" ohdr;ak" ^2000&' *úoHd;aul mokula u; jdia;= Ys,amh*' l¾;D m%ldYk'
9. mshr;ak" iq.;a" ^2007&' *.Dyks¾udK Ys,amh*' l=reKE.," wkqr m%skag¾ia'
10. je,sl, ã'tia'Ô'" ^1992&' f.*dvke.s,s bÈlsÍï ;dCIKh*' kqf.af.dv" o fld,sá m%skag¾ia'
11. fifkúrejka" u;=.u" ^1998&' *isxy, jdia;= lsß;a;a;=u*' l¾;D m%ldYk'

01.	**Code of the Course Unit**	**VAST 31644**
02.	**Title of the Course Unit**	**Sanskrit Comprehension & Composition I**
03.	**Number of Credits**	**4**
04.	**Type**	**Compulsory**

05.	**Intended Learning Outcomes (ILOs)**

At the completion of this course unit the student will be able

- To classify the methods of noun declension,
- To analyze the rules of nouns in Sanskrit grammar,
- To apply the combination rules,
- To define and declension of Sanskrit nouns.

06.	**Course Content: (Main topics, subtopics)**

- Declension of nouns (*nāma*) ending in vowels and in consonants and also pronouns

- Numeral and feminine suffixes (*strīpratya*).Upasarga, Nipāta along with specific usages

- Ccompose sentences in Sanskrit

- Rules of present

- Past and future (Lat, Lin, lit) tenses and utilizations.

07.	**Number of Notional Hours: 200**

1. Lecture Hours: 60   **3.** Self-study and Homework Preparation Hours: 60

2. Tutorial Hours: 40   **4.** Hours for recommended reading: 40

08.	**Evaluation and Assessment:**

In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated

*Expected Sanskrit Comprehension & Composition I to be evaluated through the continuous assessments***:**

End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:

09.	**Recommended Readings:**

1. MacDonnell, A. A., (1956). *A Sanskrit Grammar for Students.* New Delhi: Mortilal Banarsidas.
2. Bhandarkar, R. G., (2007*). Sanskrit Grammar*.Delhi: Bharatiya Kala Prakashan.
3. Coulson, M., (2003). *Sanskrit Grammar.* London: Hodder Headline.
4. Mishra, M., (2006). *An Introduction to Sanskrit. Delhi:* Parimal Publications.

5. Oïñkao" yEf.dv" ^1956&' *ixialD; jHdlrK ;rx.KS' urodk"* iuhj¾Ok fmd;a m%ldYlfhda'
6. chiQßh" tï' tÉ' t*a'" ^1956&' *ixialD; YsËlh i ,ii*, fld<U" rdcH NdId fomd¾;fïka;=j'

1	**Code of the Course Unit**	**PSNH 31512**		
2	**Title of the Course Unit**	**National Heritages and Civic Responsibility**		
3	**Number of Credits**	**2**		
4	**Type**	**Optional**		
5	**Pre-requisites**	None		
6	**Main objective of the course** The objective of the course unit is to provide a thorough knowledge on national heritages and ethics and norms of Sri Lankan culture.			
7	**Intended Learning Outcomes (ILOs)** At the completion of this course unit the student will be able to 1. Critically discuss the concept of heritage 2. Discuss the characteristics of national heritages in Sri Lanka 3. Identify areas of civic responsibility, ethical behaviors, and educational practices 4. Discuss various heritages related to cultural production and expression			

8	**Contents**		**Mode of Delivery/ Way of Delivery (T/L Materials)**	**No of Hrs.**	**ILO No.**
	Week	**Main Themes**			
	1st	Critical introduction to the concept of heritage	Direct classroom teaching/ online teaching/ blended	2	1, 2,
	2nd	Ancient civilizations and "nation-ness" in Sri Lanka		2	
	3rd	Ancient irrigation systems and other socio-economic structures		2	
	4th	Local food cultures: Production, preservation, and distribution		2	
	5th	Traditional Knowledges of body and mind		2	
	6th	Ecology: knowledge, ethics, and heritages		2	
	7th	Ecology: knowledge, ethics, and heritages		2	

	8th	Mid Semester Evaluation Written Examination/ Assignment / Individual or Group Presentation / Practical Test		2	
	9th	Artistic traditions and cultural forms of expression across genres, eras, and regions		2	
	10th	Ethics: traditionalism and morality—a critical approach		2	
	11th	Productive Leisure		2	
	12th	Productive Leisure		2	
	13th	Educational cultures, ancient and modern		2	
	14th	Educational cultures, ancient and modern		2	
	15th	Review, Further instructions - Review of student's performances, - Further instructions and guidance.		2	
9.	**Number of Notional Hours: 100**				
	1. Lecture Hours: 30 **2.** Self-study and Homework Preparation Hours: 50 **3.** Hours for recommended reading: 20				
10.	**Evaluation and Assessment:**				
	In Course Evaluation (Mid Semester Evaluation) 50% from Total Marks Allocated Oral presentation on Sri Lankan culture and National heritages part I				
	End of Course Evaluation (End Semester Evaluation) 50% from Total Marks Allocated Oral Presentation on Sri Lankan culture and National heritages Part II and activity				

01.	**Code of the Course Unit**	**VAST 32654**
02.	**Title of the Course Unit**	**Secondary Components of House Planning & Landscape**
03.	**Number of Credits**	**4**
04.	**Type**	**Compulsory**

| 05. | **Intended Learning Outcomes (ILOs)**

At the completion of this course unit the student will be able

- To recognize the secondary component of house planning
- To design the accurate plan
- To describe the process of planting and transplanting
- To analyze the selection of plant material for landscape
- To discuss the role of vegetation in landscape design
- To explain the fundamentals of landscape based on primary sources
- To become familiar with multiple methods of landscaping. |
|-----|---|

| 06. | **Course Content: (Main topics, subtopics)**

- outer verandah *(vithikā), well (kūpa)*, garden, compound, roof, gate and roads, cultivation of trees

- Positioning of timber (*dārusaṁskāravidhi)*

- *E*stablishment of pillars *(stambha*)

- Features of beds

- Selection of suitable colours

- Importance of plants

- Classification of plants

- The process of plantation

- Methods of propagation

- Planting design consideration

- Role of vegetation in landscape design

- Selection of plant material for landscape

- Plants and indoor air quality

- Process of planting and transplanting

- Climate and vegetation

- Green building environment and landscape |
|-----|---|

	- Sustainable concepts and constructing gardens - Garden design - Organic gardening basics and History of Sri Lankan garden - Outer verandan (vithikā), well (Rūpa), compound, gate and position of timber (dārusamskāravidhi) - Establishment pillars (Stambha) - Cotages - Principles of sutra vidhāna.
07.	**Number of Notional Hours: 200** **1.** Lecture Hours: 60 **3.** Self-study and Homework Preparation Hours: 60 **2.** Tutorial Hours: 40 **4.** Hours for recommended reading: 40
08.	**Evaluation and Assessment:** **In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated** *Expected Secondary (Additional) Components of House Planning to be evaluated through the continuous assessments***:** **End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:**
09.	**Recommended Readings:** - Altekar, Rahul, Viswas, (2004). *Vāstuśāstra. New Delhi:* D.K. Print World Pvt. Ltd. - Babu, Niranjan, B**.,** (2005). *Hand Book of Vāstu*. New Delhi: UBS Publishers' Distributors Pvt. Ltd. - Devi, Vasudev, Gayatri, (2009). *Vāstu*.Delhi: MotilalBanarshidass Publishers. - Acharya, P.K. (Prasanna kumar), (1979). *An Encyclopedia of Hindu Architecture*. New Delhi: Oriental Books Reprint Corporation. - Acharya, P.K. (Prasanna kumar), (1980). *A Dictonary of Hindu Architecture*. New Delhi: Oriental Books Reprint Corporation. - Acharya, P.K. (Prasanna kumar), (1980). *Architecture of Mānasāra*. New Delhi: Oriental Books Reprint Corporation. - Marasinghe, E.W., (1989). *The Vāstuvidyāśāstra ascribed to Manjusri* (ed. & Tr.).Delhi: Satguru Publishers. - Bennet,S.S.R., Gupta, P.C. and Rao Vijendra, (1992) Venerated plants, Indian council of forestry research and education, Dehradun. - Dagar,J C. Trees and shrubs in religion and mythology, Tree world, Vol.3,No.6,1995. - Nirman, Bhavan,(2017) A Handbook of Landscape, Falcon graphics, Dr.Mukherji Nagar, Delhi - Sharma, P.V.(2014) classical uses of medicinal plants, chaukhambha visvabharati, Varanasi - Vṛkṣāyurveda (ed) (2004) jwgnu, shrikrishna, chaukhamba Sanskrit series office, Varanasi - Vṛkṣāyurveda of parāśara (ed) (1996) sircar, N N and Sarkar Roma (A Treatise on plant science). Sri satguru publications, Delhi

| | 14. Upawana - vinoda (tr.) (1935) Prasanna, Majumdar Girija, The Indian Research Institute, Culcotta |
| | 15. Kumar, Acharya Prasanna, (2001) An Encyclopedia of Hindu Architecture, Low price publication, Delhi. |

01.	**Code of the Course Unit**	**VAST 32664**
02.	**Title of the Course Unit**	**Soft Skills Development**
03.	**Number of Credits**	**4**
04.	**Type**	**Compulsory**

05.	**Intended Learning Outcomes (ILOs)**
	At the completion of this course unit the student will be able
	- To make the student corporate ready on self-management, - To identify the role of the university students, - To explain the responsibility of the university students towards the society, - To discuss the methods of Inter-personal development, - To describe the significance of soft skills.
06.	**Course Content: (Main topics, subtopics)**
	- Introduction to soft skills - Aspects of soft skills - Communication skills - Critical and structured thinking - Problem solving skills - Team work capability - Negotiating skills - Self-management - Time management - Cultural awareness - Etiquette and good manners - Self-esteem - Personality development - Adaptability and work ethics - Goal setting and decision making - Patterns and methods of presentation - Official letter writing - Email writing and debate.
07.	**Number of Notional Hours: 200**
	1. Lecture Hours: 60 **3.** Self-study and Homework Preparation Hours: 60 **2.** Tutorial Hours: 40 **4.** Hours for recommended reading: 40
08.	**Evaluation and Assessment:**

	In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated *Expected Soft Skills Development to be evaluated through the continuous assessments*:
	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:
09.	**Recommended Readings:** 1. Butterfield, Jeff. *Soft Skills for Everyone*. New Delhi; Cengage Learning. 2010. 2. Chauhan, G.S. and Sangeeta Sharma. *Soft Skills*. New Delhi: Wiley. 2016. 3. Goalman, Daniel. *Working with Emotional Intelligence*. London: Banton Books. 1998. 4. Hall, Calvin S. et al. *Theories of Personality*. New Delhi: Wiley. rpt. 2011. 5. Holtz, Shel. *Corporate Conversations*. New Delhi: PHI. 2007. 6. Kumar, Sanajy and Pushp Lata. *Communication Skills*. New Delhi: OUP. 2011. 7. Lucas, Stephen E. *The Art of Public Speaking*. McGraw-Hill book Co. International Edition, 11th Ed. 2014. 8. Penrose, John M., et al. *Business Communication for Managers*. New Delhi: Thomson South Western. 2007. 9. Sharma, R.C. and Krishna Mohan. *Business Correspondence and Report Writing*. New Delhi: TMH. 2016. 10. Sharma, Sangeeta and Binod Mishra. *Communication Skills for Engineers and Scientists.* New Delhi: PHI Learning . 2009, 6th Reprint 2015. 11. Thorpe, Edgar and Showick Thorpe. *Winning at Interview*. Pearson Education. 2004. 12. Turk, Christopher. *Effective Speaking*. South Asia Division: Tylor & Francis. 1985.

01.	**Code of the Course Unit**	**VAST 32674**
02.	**Title of the Course Unit**	**Computer Aided Architectural Drafting**
03.	**Number of Credits**	**4**
04.	**Type**	**Compulsory**

05.	**Intended Learning Outcomes (ILOs)**
	At the completion of this course unit the student will be able
	- To launch a conventional architectural model using Revit architecture - To understand all tools used in Revit wich are used in architectural modeling - To use standard architectural drawings fulfilling industrial standards using Auto CAD and Revit - To produce 2D models, 3D models with renderings and printing aspects matching with standards. - To get ability to present a architectural model to a audience.

06.	**Course Content: (Main topics, subtopics)**
	- Blocks - Drafting symbols - Attributes - Extracting data - Structural design - Vertical circulation, floors, roofs, fixtures - Furnishing and equipment - Building model views - Annotation (drawing Scale, dimensioning in the software) - Scheduling, creating details and visualization - Revit architecture.

07.	**Number of Notional Hours: 200**
	1. Lecture Hours: 60 **3.** Self-study and Homework Preparation Hours: 60 **2.** Tutorial Hours: 40 **4.** Hours for recommended reading: 40

08.	**Evaluation and Assessment:**
	In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated
	*Expected Computer Aided Architectural Drafting to be evaluated through the continuous assessments***:**
	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:

09.	**Recommended Readings:** 1. Lockley, S. R., & Mahdjoubi, L. (1996). *AutoCAD*. London: DP Publications. 2. Yarwood, A. (1991). *A student's AutoCAD*. Harlow, Essex, England: Longman Scientific & Technical. 3. Earle, J. H. (2008). *Engineering design graphics: AutoCAD 2007*. Upper Saddle River, N.J: Pearson/Prentice Hall. 4. Bertoline, G. R., & Frampton, J. D. (1994). *The essential AutoCAD*. New York: Macmillan College. 5. McFarlane, R. (2002). *Beginning AutoCAD 2002*. Oxford: Butterworth Heinemann. 6. Mcfarlane, B. (2016). *Beginning AutoCAD 2007*. Place of publication not identified: Routledge. 7. Thomas, R. M. (1989). *Advanced techniques in AutoCAD*. San Francisco: Sybex. 8. Head, G. O., Pietra, C. A., & Segal, K. J. L. (1991). *The AutoCAD 3D book*. Chapel Hill, NC: Ventana Press. 9. McFarlane, R. (1997). *Introducing 3D AutoCAD*. London: Edward Arnold. 10. Dix, M., & Riley, P. (2013). *Discovering AutoCAD 2013*. Boston: Pearson. 11. Autodesk provided Revit architectural guide.

1	**Code of the Course Unit**	**VAST 32682**
2	**Title of the Course Unit**	**Internship**
3	**Number of Credits**	**2**
4	**Type**	**Compulsory**
5	**Pre-requisites**	None
6	**Main objective of the course**	
	The main objective of the course unit is to develop network in the industry for the student's career development.	
7	**Intended Learning Outcomes (ILOs)**	
	At the completion of this course unit the student will be able to	
	5. Apply the academic knowledge to carry out work related activities and get to know new trends in dynamic working environments.	
	6. Develop professional skills to practice their subject knowledge within a given context as a value adding person	
	7. Develop network with the stakeholders of relevant industries and communities for career development opportunities.	
8	**Content**	
	1. From this course unit, it is essential to establish links by the Internship Coordinating Unit in order to provide internship opportunities for the final year undergraduates. The internship period 1 academic year covering 400 working hours. It should be completed the compulsory workshop series conducted by Internship and Skills Development Unit in the previous semester for getting basic knowledge and occupational experience for the internship.	
	2. Under this course unit students are required to work minimum 2 days a week at the assigned institution. On the other days, students should attend lectures/ tutorials in the University.	
	3. All the relevant criteria of internship program is depended on the Internship Policy Framework of the Internship and Skills Development Unit.	
	4. The following points should be completed from the internship program.	

	• Self-preparation for selecting suitable organization and fulfilling initial requirement for getting acceptance to suitable organization for internship.
	    • Developing professional soft skills related to different industrial organizations.
	    • Devloping skills and attitudes to get adapted to different organization cultures.
	    • Relate academic knowledge into real life application with the supervision of supervisors in the relevant organizations.
	    • Applying skills to enhance the professional network and public relations with the different types of stakeholders relevant to respective organizations and industry.
	    • Improve skills for the relevant carrier development opportunities required knowledge.	

9.	**Number of Notional Hours:** 200
10.	**Evaluation and Assessment:**
	Assessment Strategy:

Supervisor Evaluation 50%

Institutional Training Report 30%

Viva-voce Examination 20%

01.	**Code of the Course Unit**	**PSIT 32522**
02.	**Title of the Course Unit**	**ICT Skills for Education and Professional part I**
03.	**Number of Credits**	**2**
04.	**Type**	

05.	**Intended Learning Outcomes (ILOs)** At the completion of this course unit the student will be able • Use MS Office package for improving workplace performance • Design required graphics for teaching and learning/workplace/day to day life • Use digital technology for research and innovation • Use digital teaching and learning tools to support e-learning • Create a simple educational game • Design an interactive web • Use smart technology for Digital living • Value ethically use of information technology.
06.	**Course Content: (Main topics, subtopics)** • Use of Microsoft Office package for educational purposes and for the workplace • Graphics for teaching and learning • Digital technology for research and innovation • Educational Games • Web and Internet Technology • Essential Graphics for life • Digital learning and teaching tools • Smart Technology for Digital living and ethical values.
07.	**Number of Notional Hours: 100** **1.** Lecture Hours: 30 **3.** Self-study and Homework Preparation Hours: 30 **2.** Tutorial Hours: 20 **4.** Hours for recommended reading: 20
08.	**Evaluation and Assessment:** **In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated** *Expected ICT Skills for Education and Professional to be evaluated through the continuous assessments:* **End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:**
09.	**Recommended Readings:** 1. Weverka, P., & Warner, T. L. (2019). Office 365 all-in-one for dummies. Hoboken, NJ: John Wiley et Sons, Inc.

2. Becker, K. (2018). *Choosing and Using Digital Games in the Classroom A Practical Guide*. Cham: Springer International Publishing.
3. Whitton, N. (2014). *Digital games and learning research and theory*. New York: Routledge.
4. Becker, K. (2018). *Choosing and Using Digital Games in the Classroom A Practical Guide*. Cham: Springer International Publishing.
5. Farber, M. (2015). *Gamify your classroom: a field guide to game-based learning*. New York: Lang.
6. Müller, J., Wiedemann, J., Remington, R. R., Riley, I. V., Wulfekamp, U., &Fruhtrunk, W. (2018). *Logo modernism*. Köln: Taschen.
7. Farsi, M., Daneshkhah, A., Hosseinian-Far, A., &Jahankhani, H. (2020). *Digital twin technologies and smart cities*. Cham, Switzerland: Springer.
8. nelrc.kln.ac.lk/e-lankapura

01.	**Code of the Course Unit**	**VAST 41624**
02.	**Title of the Course Unit**	**Town Planning & Sustainable Development**
03.	**Number of Credits**	**4**
04.	**Type**	**Compulsory**
05.	**Intended Learning Outcomes (ILOs)** At the completion of this course unit the student will be able • To explain the principal figures of town planning • To describe the discrepancies of town planning • To examine the changes of town planning • To describe sustainable development of town planning aspects	
06.	**Course Content: (Main topics, subtopics)** • History of town planning • Different types of planning based on primary sources • Outset of Sri Lankan town planning and the influence of theories as depicted in Sanskrit texts on it • Defects and solution for town planning • Method of sustainable town planning • Road planning • Village planning • Regional planning • Deification and beautification of towns, Fortification and basic principles of modern town planning.	
07.	**Number of Notional Hours: 200** **1.** Lecture Hours: 60 **3.** Self-study and Homework Preparation Hours: 60 **2.** Tutorial Hours: 40 **4.** Hours for recommended reading: 40	
08.	**Evaluation and Assessment:** **In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated** *Expected Town Planning to be evaluated through the continuous assessments***:** **End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:**	

09.	**Recommended Readings:** **1.** Altekar, Rahul, Viswas, (2004). *Vāstuśāstra*. *New Delhi:* D.K. Print World Pvt. Ltd. 2. Babu, Niranjan, B*.,* (2005). *Hand Book of Vāstu*. New Delhi: UBS Publishers' Distributors Pvt. Ltd. 3. Devi, Vasudev, Gayatri, (2009). *Vāstu*.Delhi: MotilalBanarshidass Publishers. 4. Acharya, P.K. (Prasanna kumar), (1979). *An Encyclopedia of Hindu Architecture*. New Delhi: Oriental Books Reprint Corporation. 5. Acharya, P.K. (Prasanna kumar), (1980). *A Dictonary of Hindu Architecture*. New Delhi: Oriental Books Reprint Corporation. 6. Acharya, P.K. (Prasanna kumar), (1980). *Architecture of Mānasāra*. New Delhi: Oriental Books Reprint Corporation. 7. Sharp, T. (1945). *Town planning***.** Harmonds worth, Middlesex: Penguin Books. 8. *Town planning review***.** (2004). Liverpool: Liverpool University Press. 9. VEED New construction Reference Guide cu.s. Green Building council.

01.	**Code of the Course Unit**	**VAST 41633**
02.	**Title of the Course Unit**	**The Process of Writing a Thesis & Research Methodology**
03.	**Number of Credits**	**3**
04.	**Type**	**Compulsory**

05.	**Intended Learning Outcomes (ILOs)**
	At the completion of this course unit the student will be able
	- To construct a research topic with due attention to methodology and related theory - To formulate appropriate hypotheses - To organize and write a thesis effectively - To synthesize information - To produce a conference paper and journal article.

06.	**Course Content: (Main topics, subtopics)**
	- Introduction to writing a thesis - Finding a research topic - Preparing the research proposal - Preparing the outline of the thesis - Writing the literature review - Methods and methodology of research - Format of references - Qualities of a researcher modern research trends on vāstuśāstra.

07.	**Number of Notional Hours: 150**
	1. Lecture Hours: 45 **3.** Self-study and Homework Preparation Hours: 45
	2. Tutorial Hours: 30 **4.** Hours for recommended reading: 30

08.	**Evaluation and Assessment:**
	In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated
	Expected The Process of Writing a Thesis & Research Methodology to be evaluated through the continuous assessments:
	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:

09.	**Recommended Readings:** 1. Burns, A. (1999). *Collaborative action research for English language teachers*. NewYork: Cambridge University Press. 2. Edge, J. (ed.) (2001). *Action research: Case studies in TESOL*. Alexandria, VA: TESOL. 3. Freeman, D. (1998). *Doing teacher research: From inquiry to understanding*. Boston, 4. MA: Heinle & Heinle. **5.** Nanayakkara, G. (2008). *A handbook for academic and professional writing in management.* Dubai: Postgraduate Institute of Management.

01.	**Code of the Course Unit**	**VAST 41644**
02.	**Title of the Course Unit**	**Computer based advanced Architectural modelling**
03.	**Number of Credits**	**4**
04.	**Type**	**Compulsory**

05.	**Intended Learning Outcomes (ILOs)**
	At the completion of this course unit the student will be able
	- To get familiar with advanced techniques of Revit architecture and basic of revit structure - To model a multi- story building with Autodesk revit and prepare all detailed drawings, Renderings and material take - offs - To deal with sketch up and Auto CAD with the base of Revit - To read and prepare structural drawings related to basic architectural designs - To present a basic architectural design to a formal review panel.

06.	**Course Content: (Main topics, subtopics)**
	- Advanced knowledge of Revit Architecture - Basic knowledge on Revit structure - Reading computer drawn and manually drawn structural detailing - Sketch up and Auto CAD based on Revit - Proposing a general structural arrangement to a conventional architectural design.

07.	**Number of Notional Hours: 200**
	1. Lecture Hours: 60 **3.** Self-study and Homework Preparation Hours: 60 **2.** Tutorial Hours: 40 **4.** Hours for recommended reading: 40

08.	**Evaluation and Assessment:**
	In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated
	*Expected Computer based advanced Architectural modelling to be evaluated through the continuous assessments***:**
	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:

09.	**Recommended Readings:**
	1. Lockley, S. R., & Mahdjoubi, L. (1996). *AutoCAD.* London: DP Publications. 2. Yarwood, A. (1991). *A student's AutoCAD*. Harlow, Essex, England: Longman Scientific & Technical. 3. Earle, J. H. (2008). *Engineering design graphics: AutoCAD 2007*. Upper Saddle River, N.J:

Pearson/Prentice Hall.

4. Bertoline, G. R., & Frampton, J. D. (1994). *The essential AutoCAD*. New York: Macmillan College.

5. McFarlane, R. (2002). *Beginning AutoCAD 2002*. Oxford: Butterworth Heinemann.

6. Mcfarlane, B. (2016). *Beginning AutoCAD 2007*. Place of publication not identified: Routledge.

7. Thomas, R. M. (1989). *Advanced techniques in AutoCAD*. San Francisco: Sybex.

8. Head, G. O., Pietra, C. A., & Segal, K. J. L. (1991). *The AutoCAD 3D book*. Chapel Hill, NC: Ventana   Press.

9. McFarlane, R. (1997). *Introducing 3D AutoCAD*. London: Edward Arnold.

10. Dix, M., & Riley, P. (2013). *Discovering AutoCAD 2013*. Boston: Pearson.

11. Autodesk provided revit manual.

1	**Code of the Course Unit**	VAST 41652
2	**Title of the Course Unit**	**Internship**
3	**Number of Credits**	**2**
4	**Type**	**Compulsory**
5	**Pre-requisites**	None
6	**Main objective of the course**	
	The main objective of the course unit is to develop network in the industry for the student's career development.	
7	**Intended Learning Outcomes (ILOs)**	
	At the completion of this course unit the student will be able to	
	8. Apply the academic knowledge to carry out work related activities and get to know new trends in dynamic working environments.	
	9. Develop professional skills to practice their subject knowledge within a given context as a value adding person	
	10. Develop network with the stakeholders of relevant industries and communities for career development opportunities.	
8	**Content**	
	5. From this course unit, it is essential to establish links by the Internship Coordinating Unit in order to provide internship opportunities for the final year undergraduates. The internship period 1 academic year covering 400 working hours. It should be completed the compulsory workshop series conducted by Internship and Skills Development Unit in the previous semester for getting basic knowledge and occupational experience for the internship.	
	6. Under this course unit students are required to work minimum 2 days a week at the assigned institution. On the other days, students should attend lectures/ tutorials in the University.	
	7. All the relevant criteria of internship program is depended on the Internship Policy Framework of the Internship and Skills Development Unit.	
	8. The following points should be completed from the internship program.	
	• Self-preparation for selecting suitable organization and fulfilling initial requirement for getting acceptance to suitable organization for internship.	
	• Developing professional soft skills related to different industrial organizations.	
	• Devloping skills and attitudes to get adapted to different organization cultures.	
	• Relate academic knowledge into real life application with the supervision of supervisors in the relevant organizations.	
	• Applying skills to enhance the professional network and public relations with the different types of stakeholders relevant to respective organizations and industry.	
	• Improve skills for the relevant carrier development opportunities required knowledge.	

9.	**Number of Notional Hours:** 200
10.	**Evaluation and Assessment:**

	Assessment Strategy:
	
	  Supervisor Evaluation 50%
	
	  Institutional Training Report 30%
	
	  Viva-voce Examination 20%

1	**Code of the Course Unit**	**PSIT 41512**
2	**Title of the Course Unit**	**ICT Skills for Education and Professional- Part II**
3	**Number of Credits**	**2**
4	**Type**	**Optional**
5	**Coordinator of the Course Unit**	Most Senior Lecturer of the Relevant Course Unit
6	**Pre-requisites**	None

7	**Main objective of the course**

I. To provide an advanced knowledge, skills, attitudes, mind-set and paradigm to students to be effectively performed in their particular field with ICT.
II. To provide each student with an opportunity to become competent technology literate person in an effective and social manner.
III. To strengthen national information industry for effective decision making, problem solving, and for serving relevant information to client.
IV. To provide human capital for the employment market of the country.
VI. To assist and promote new venture creation of the country.

8	**Intended Learning Outcomes (ILOs)**

At the completion of this course unit the student will be able to

11. Identify the value and nature of information and how it is organized and use it effectively especially in an electronic environment
12. Use MS Office package for improving workplace performance
13. Create databases by using relevant software packages
14. Design required graphics for teaching and learning/workplace/day to day life
15. Use digital technology for research and innovation
16. Use digital teaching and learning tools to support e-learning
17. Create a simple educational game
18. Design an interactive web
19. Use smart technology for Digital living
20. Value ethically use of information technology

9	Contents			Mode of Delivery/ Way of Delivery (T/L Materials)	No of Hrs.	ILO No.
	Week	**Main Themes**	**Sub Themes**			
	1st	Identify the value and nature of information and how it is organized and use it effectively especially in an electronic environment	Definition of information literacy including components and models, Basic information literacy skills including critical thinking, reading skills, and independent learning,	**Direct classroom teaching/ online teaching/ blended**	2	1

	2nd	Identify the value and nature of information and how it is organized and use it effectively especially in an electronic environment	Formulating search strategies, Evaluating sources, Plagiarism, Copyright, Censorship, Methods of citation -in an online environment		2	1
	3rd	Use of Microsoft Office package for educational purposes and for the workplace	Types of ICT tools used at workplace, Introduction to Microsoft Office and practical – Word		2	2
	4th	Use of Microsoft Office package for educational purposes and for the workplace	Types of ICT tools used at workplace, Introduction to Microsoft Office and practical – PowerPoint		2	2
	5th	Create databases by using relevant software packages	Types of ICT tools used at workplace, Introduction to Microsoft Office and practical – Access		2	2,3
	6th	Graphics for teaching and learning			2	4
	7th	Digital technology for research and innovation	Practical on Prezi		2	5
	8th	Digital technology for research and innovation	Practical on Zotero or Mendeley – Online Reference Management Tools		2	5
	9th	Mid Semester Evaluation Written Examination/ Assignment / Individual or Group Presentation / Practical Test			2	1-8
	10th	Use digital teaching and learning tools to support e-learning	Practical on Blended learning tools – Mentimeter /Gosoapbox		2	6

11th	Create a simple educational game				2	7
12th	Design an interactive web				2	8
13th	Use smart technology for Digital living	Impact of digital technology on quality of life, work and play and examine what it means to be an individual in the 21st century.			2	9
14th	Use smart technology for Digital living	Smart use of smart phone, Facebook, Flicker, LinkedIn profile			2	9
15th	Value ethically use of information technology	Ethical standards and practices of information			2	10

10.	**Number of Notional Hours: 100**
	1. Lecture Hours: 30 **3.** Self-study and Homework Preparation Hours: 20 **2.** Tutorial Hours: 30 **4.** Hours for recommended reading: 20
11.	**Evaluation and Assessment:**
	In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated *Expected soft skills to be evaluated through the continuous assessments***:**
	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:
12	**Recommended Readings:** 1. Merkow, M. S., Breithaupt, J. (2015), **Information Security: Principles and Practices,** Wiley, New Jersey 2. Livingstone, S., Sefton-Green, J. (2016), **The Class: Living and Learning in the Digital Age (Connected Youth and Digital Futures)**, New York University Press, New York 3. Munir, K. (2016), Security Management in Mobile Cloud Computing (Advances in Information Security, Privacy, and Ethics), 1st Edi. IGI global, Hershey, PA

01.	**Code of the Course Unit**	**VAST 42664**
02.	**Title of the Course Unit**	**Modern Architectural Designs and basic project planning**
03.	**Number of Credits**	**4**
04.	**Type**	**Compulsory**

05.	**Intended Learning Outcomes (ILOs)**
	At the completion of this course unit the student will be able • To understand the modern aspects of architectural designs • To discuss the various civil Engineering techniques and government regulations of architectural designs • To prepare a project plan for a simple architectural project (conventional dwelling) manually and using Ms - project • To prepare Bill of quantities (AOD) for an ordinary dwelling • To evaluate the vāsthu techniques with Architectural and civil Engineering aspects.

06.	**Course Content: (Main topics, subtopics)**
	• origin and evolution of modern architecture • Pioneers and their contribution • Vital features of modern architectures • Materials and process of usage • Measurements • Technical scope laboratory experiments • Modern equipment • Software • Variety of designs • Impact of modern designs • UDA regulations • MS- project.BO4 • Material take-offs

07.	**Number of Notional Hours: 200**
	1. Lecture Hours: 60 **3.** Self-study and Homework Preparation Hours: 60 **2.** Tutorial Hours: 40 **4.** Hours for recommended reading: 40

08.	**Evaluation and Assessment:**
	In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated *Expected Modern Architectural Designs and basic project planning to be evaluated through the continuous assessments*:
	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:

09.	**Recommended Readings:** 1. Curtis, W. J. R., & Phaidon Press. (2013). *Modern architecture since 1900*. London:Phaidon Press. 2. Taschen, L., Gazey, K., & Taschen (Firm). (2010). *Modern architecture*. Köln: Taschen. 3. Avery, D. (2003). *Modern architecture*. London: Chaucer Press. 4. Nuttgens, P., & Nuttgens, B. (1988). *Understanding modern architecture*. London: Unwin Hyman. 5. Colquhoun, A., & Oxford University Press. (2006). *Modern architecture*. Oxford: Oxford University Press.

01.	**Code of the Course Unit**	**VAST 42673**
02.	**Title of the Course Unit**	**Vāstuśāstra Text Studies - II**
03.	**Number of Credits**	**3**
04.	**Type**	**Compulsory**

05.	**Intended Learning Outcomes (ILOs)** At the completion of this course unit the student will be able • To describe the impact of primary sources on other traditions and schools • To examine the primary sources • To discuss the differences of primary sources • To analyze the essence of primary sources • To define the Language styles.

06.	**Course Content: (Main topics, subtopics)** • Translation of selected portions from texts such as Samānganasūtradhāra, Puranamaimataya, Gebimbala, Vāstusaukhyam, Vaijayantatantra and Mānasāra • Compose sentences in Sanskrit based on vidhi lin, lot and infinitives (tumanta and pūrvakriyā) a brief analysis on compound and thaddhita

07.	**Number of Notional Hours: 150** **1.** Lecture Hours: 45 **3.** Self-study and Homework Preparation Hours: 45 **2.** Tutorial Hours: 30 **4.** Hours for recommended reading: 30

08.	**Evaluation and Assessment:**
	In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated *Expected Vāstuśāstra Text Studies - II to be evaluated through the continuous assessments***:**
	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:

09.	**Recommended Readings:** 1. 1849-, S. J. S. (2013). *Sanskrit syntax*. Place of publication not identified: Hardpress Ltd. 2. Taraporewala, I. J. S. (1967). *Sanskrit syntax*. Delhi: Munshiram Manoharlal. 3. MacDonnell, A. A., (1956). *A Sanskrit Grammar for Students.* New Delhi: Mortilal Banarsidas. 4. Bhandarkar, R. G., (2007*). Sanskrit Grammar*.Delhi: Bharatiya Kala Prakashan. 5. Coulson, M., (2003). *Sanskrit Grammar.* London: Hodder Headline. 6. Mishra, M., (2006). *An Introduction to Sanskrit. Delhi:* Parimal Publications. 7. Oïñkao" yEf.dv" ^1956&' *ixialD; jHdlrK ;rx.KS'* urodk" iuhj¾Ok fmd;a m%ldYlfhda' 8. chiQßh" tï' tÉ' t*a'" ^1956&' *ixialD; YsËlh i ,ii*, fld<U" rdcH NdId fomd¾;fïka;=j'

01.	**Code of the Course Unit**	**VAST 42684**
02.	**Title of the Course Unit**	**Commercial Architecture and Engineering**
03.	**Number of Credits**	**4**
04.	**Type**	**Compulsory**

05.	**Intended Learning Outcomes (ILOs)**
	At the completion of this course unit the student will be able
	- To discuss the Vāstu and civil Engineering based aspects of commercial architectural techniques - To evaluate and describe the fundamentals of commercial architecture - To discuss the methods and materials used in architectural designs - To discuss the civil and structural Engineering aspects used in architectural designs - To discuss the complete process of building design based on architectural and basic civil Engineering knowledge.

06.	**Course Content: (Main topics, subtopics)**
	- Main figures of commercial architectural planning techniques as depicted in *vāstuśilpa* texts and civil Engineering texts with reference to shop, company, molls, and were house etc. - Current policies and rules and regulation on architectural drawings - Practical civil Engneering approach of commercial architecture techniques of sustainable of commercial *vāstuvidyā śāstra.*

07.	**Number of Notional Hours: 200**
	1. Lecture Hours: 60 **3.** Self-study and Homework Preparation Hours: 60
	2. Tutorial Hours: 40 **4.** Hours for recommended reading: 40

08.	**Evaluation and Assessment:**
	In Course Evaluation (Mid Semester Evaluation) 40% from Total Marks Allocated
	*Expected Commercial Architecture and Engineering to be evaluated through the continuous assessments***:**
	End of Course Evaluation (End Semester Evaluation) 60% from Total Marks Allocated Question Paper:

09.	**Recommended Readings:**
	1. Ive, G. (January 01, 1995). ***Commercial architecture****. Architecture and the Sites of History / Ed. by Iain Borden and David Dunster,* 372-386.
	2. Longstreth, R. W. (2000). *The buildings of Main Street: A guide to American commercial architecture.* Walnut Creek, CA: AltaMira Press
	3. Ernst and peter Neufert. Architect's Data , Third edition
	4. A.M.Neville (First published 1987) convete technology.

01.	**Code of the Course Unit**	**VAST 42696**
02.	**Title of the Course Unit**	**Dissertation**
03.	**Number of Credits**	**6**
04.	**Type**	**Compulsory**
05.		

The students are required to write a dissertation on a topic approved by the Head of the Department of Sanskrit and Eastern Studies. It should contain not less than 5000 words and must be submitted to the Department within one month from the date of the last paper of the Final Examination.