

**Department of Sanskrit & Eastern Studies**  
**Bachelor of Arts Degree Programme - 2020**  
**Vāstuvidyā**

Level	Course Code	Title of the Paper	Type
<b>Level I</b>	VAST 11312	Introduction to Vāstuvidyā	C
	VAST 11323	History of Sri Lankan Vāstuvidyā	C
	VAST 12332	Theories on the selection of the land (BhūparigrahaSiddhānta)	C
	VAST 12343	Techniques of House Planning	C
<b>Level II</b>	VAST 21312	Fundamentals of Architectural Drawings - I	C
	VAST 21322	Kñetraphalāsādhanaya & Measurements	C
	VAST 22332	Fundamentals of Architectural Drawings - II	C
	VAST 22342	Interior Design & Door Planning	C
<b>Level III</b>	VAST 31312	Computer Aided Architectural Drafting	C
	VAST 31322	Astrology; Rituals and Vāstuvidyā	C
	VAST 32332	Defects and the Remedies	C
	VAST 32342	Secondary (Additional ) Component of House Planning And Monastic Architecture	C

<b>Semester</b>	01		
Course Code:	VAST 11312		
Course Name:	Introduction to Vastuvidya		
Credit Value:	15x2		
Type	Compulsory		
Hourly Breakdown	Theory	Practical	Independent Learning
	30	30	40
<b>Course Aim/Intended Learning Outcomes:</b> At the completion of this course student will be able to <ul style="list-style-type: none"> <li>➤ To identify different types of lands and sites</li> <li>➤ To discuss the doctrine of orientation</li> <li>➤ To analyze <i>the padakñetra</i> and effects</li> <li>➤ To explain the theories of <i>Bhū parigraha</i> on the basis of primary sources</li> </ul>			
<b>Course Content: (Main topics, Sub topics)</b>  What is a <i>Bhū</i> , Types of Soils, Soil Testing, Different types of Lands, methods, Sixteen types of Lands, Effects of Lands, Directions and landsides of lands, Ten types of special lands, measurement of land ( <i>pādavibhedana karma</i> ), <i>dinnirēaya</i> (Doctrine of orientation), Purification of <i>Bhūmi</i> , Theories of <i>kākhīēi</i> , forty sites, site Plans			
<b>Teaching /Learning Methods:</b> Lectures, discussions, visual aids and presentations.			
<b>Assessment Strategy:</b> Assignments, presentations, in class tests, end of the semester examinations			
Continuous Assessment 20%		Final Assessment 80 %	
Details: quizzes %, mid-term %, other % (specify) - %                      - %                      20 %		Theory (%) 40	Practical (%) - Other (%) (specify) 40

### References / Reading materials

- Babu, Niranjan, B. *Hand Book of Vāstu*, 2005, UBS Publishers' Distributors Pvt. Ltd, New Delhi.
- Battacharya, Barapada, *A Study on Vāstu-Vidya or Cannons of Indian Architecture*, 1947, Taraporevala Publishers, Delhi.
- Devi, Vasudev, Gayatri, *Vāstu*, 2009, Motilal Banarshidass Publishers, Delhi.
- James, Burgess, & Phener, Spiers, *History of Indian and Eastern Architecture*, 1967, Manmohan Manoghopal Publishers, Delhi.
- Kumar, Acharya, P., *A Dictionary of Hindu Architecture*, 1981, Oriental Books Reprint Corporation, New Delhi.
- Kumar, Acharya, P., *Architecture Of Mānasāra*, 1980, Oriental Books Reprint Corporation, New Delhi.
- Kumar, Acharya, P., *An Encyclopedia of Hindu Architecture*, 1979, Oriental Books Reprint Corporation, New Delhi.
- Marasinghe E.W., (Translated By) *The Vāstu Vidyā / ἄστρον Ascribe to Mañju/ri*, 1989, Satguru Publishers, Delhi.

<b>Semester</b>	01		
<b>Course Code:</b>	VAST 11323		
<b>Course Name:</b>	History of Sri Lankan <i>Vāstuvidyā</i>		
<b>Credit Value:</b>	15x3		
<b>Type</b>	Compulsory		
<b>Hourly Breakdown</b>	<b>Theory</b>	<b>Practical</b>	<b>Independent Learning</b>
	45	45	60
<b>Course Aim/Intended Learning Outcomes:</b>			
At the completion of this course student will be able to			
<ul style="list-style-type: none"> <li>➤ To recognize the outset of <i>vāstuvidyā</i> in Sri Lanka on the basis of primary sources</li> <li>➤ To group and examine the structure of <i>vāstuvidyā</i> texts composed in Sri Lanka</li> </ul>			
<b>Course Content: (Main topics, Sub topics)</b>			
<p>History of <i>vāstuvidyā</i>, Historical and Literary Sources, Ancient places, Construction of Monasteries, Techniques of building Pagodas, Ancient town planning in Sri Lanka, Influence of <i>vāstu</i> texts on house planning in Sri Lanka, The Changes of different eras, Different types of houses material, Sanskrit <i>vāstu</i> texts <i>asmaijuçrēbhāñita</i>, <i>vāstuvidyāçāstra</i>, <i>citrakarmaçāstra</i>, <i>çāriputrabimbamāna</i>, <i>rūpāvalé</i>, <i>vaijyantatantra</i>,</p>			

<b>purāëamaimataya</b> (scope and structure of those vital texts)			
Teaching /Learning Methods: Lectures, discussions, visual aids and presentations.			
Assessment Strategy: Assignments, presentations, in class tests, end of the semester examinations			
Continuous Assessment  20%		Final Assessment 80 %	
Details: quizzes %, mid-term %, other % (specify)  - % - % 20 %		Theory (%) 40	Practical (%) - Other (%) (specify) 40
References / Reading materials			
<p>Altekar, Rahul, <i>Viswas, Vāstu/āstha</i>, 2004, D.K. Print World Pvt. Ltd, New Delhi.</p> <p>Babu, Niranjana, B. <i>Hand Book of Vāstu</i>, 2005, UBS Publishers' Distributors Pvt. Ltd, New Delhi.</p> <p>Bandaranayaka, S., <i>Singhalese Monastic Architecture</i>, 1974, Studies in South Asian Culture, London.</p> <p>Bandaranayaka, S., Somadeva, R., <i>Excavation at Ibbankatuva And Studies into Proto Historic and Early Historic Settlement Patterns PGIAR</i>, 1990, Archivs.</p> <p>Coomaraswamy, Ananda, K., <i>Early Indian Palaces</i>, 1975, Munshiram Manoharilal, Publishers, Pvt Ltd, New Delhi.</p> <p>Coomaraswamy, Ananda, K., <i>The Transformation of Nature In Art</i>, 1934, The Dover Publishers, New York</p> <p>De Silva, Nimal, <i>Sri Lankan Traditional House Types</i>, 1993, ISLAND, Upali News Papers.</p> <p>Marcuss, Fernando, W.B., <i>Ancient City of Anuradapura</i>, 1965, The Archeological Department.</p> <p>Wijesekara, Nandadeva, <i>Architecture</i>, 1990, Archaeological Department Centenary - Volume.</p> <p>අමරවංශනිමි, කේ., <i>ලක්දිවසෙල්ලිපි</i>, 1969, ගුණසේනසමාගම, කොළඹ.</p> <p>අමරසිංහ, මාලිංග, <i>පුරාවිද්‍යා ලිපි 1</i>, 2011, දයාවංශජයකොඩිසහසමාගම, මරදාන.</p> <p>අමරසිංහ, මාලිංග, <i>පුරාණ රජමාලිගා</i>, 2009, දයාවංශජයකොඩිසහසමාගම, මරදාන.</p> <p>අමරසිංහ, මාලිංග, <i>සීගිරිය</i> (ලෝකඋරුමයක වගකුම), 2005, දයාවංශජයකොඩිසහසමාගම, මරදාන.</p> <p>කුලතුංග, ටී.ඒ., <i>අභයගිරි පර්යේෂණ</i>, 1996, මධ්‍යමසංස්කෘතිකඅරමුදල, කොළඹ.</p> <p>ගමගේ, ගුණසේන, <i>පැරණි ලක්දිව තාක්ෂණවේදය සහ ශිල්ප ඥානය-1</i>, 2006, ඇස්. ගොඩගේසහසහෝදරයෝ, කොළඹ.</p> <p>ගමගේ, ගුණසේන, <i>පැරණි ලක්දිව තාක්ෂණවේදය සහ ශිල්ප ඥානය-11</i>, 2005, සරස්වතී ප්‍රකාශන, දිවුලපිටිය.</p> <p>වික්‍රමගමගේ, චන්ද්‍රා, <i>ගල්විහාරයේ කලාව හා වාස්තුවිද්‍යාව</i>, 1998, ශ්‍රී දේවි ප්‍රින්ටර්ස්, දෙහිවල.</p> <p>වික්‍රමගමගේ, චන්ද්‍රා, <i>අටමස්ථාන</i>, 2001, තරංජි ප්‍රින්ටර්ස්, මහරගම.</p>			

Semester	02
Course Code:	VAST 12332
Course Name:	Theories on the selection of the land ( <i>Bhū parigraha</i> )

	<i>siddhānta</i> )		
Credit Value:	15x2		
Type	Compulsory		
Hourly Breakdown	Theory	Practical	Independent Learning
	30	30	40
<b>Course Aim/Intended Learning Outcomes:</b> At the completion of this course student will be able to To identify different types of lands and sites To explain the theories of <i>Bhū parigraha</i> on the basis of primary sources To discuss the doctrine of orientation To analyze <i>the padakñetra</i> and effects			
<b>Course Content: (Main topics, Sub topics)</b> What is a <i>Bhū</i> , Types of Soils, Soil Testing, Different types of Lands, methods, Sixteen types of Lands, Effects of Lands, Directions and landsides of lands, Ten types of special lands, measurement of land ( <i>pādavibhedana karma</i> ), <i>dinnirēaya</i> (Doctrine of orientation), Purification of <i>Bhūmi</i> , Theories of <i>kākhīi</i> , forty sites, site Plans			
<b>Teaching /Learning Methods:</b> Lectures, discussions, visual aids and presentations.			
<b>Assessment Strategy:</b> Assignments, presentations, in class tests, end of the semester examinations			
Continuous Assessment 20. %	Final Assessment 80 %		
Details: quizzes %, mid-term %, other % (specify) - % 10% 10%	Theory (%) 40	Practical (%) 40	Other (%) (specify) -
<b>References / Reading materials</b>  Altekar, Rahul, Viswas, <i>Vāastu/çāçra</i> , 2004, D.K. Print World Pvt. Ltd, New Delhi. Babu, Niranjan, B. <i>Hand Book of Vāstu</i> , 2005, UBS Publishers' Distributors Pvt. Ltd, New Delhi. Devi, Vasudev, Gayatri, <i>Vāstu</i> , 2009, MotilalBanarshidass Publishers, Delhi. Kumar, Acharya, P., <i>A Dictionary of Hindu Architecture</i> , 1981, Oriental Books Reprint Corporation, New Delhi. Kumar, Acharya, P., <i>An Encyclopaedia of Hindu Architecture</i> , 1979, Oriental Books Reprint Corporation, New Delhi. Kumar, Acharya, P., <i>Architecture Of Mānasāra</i> , 1980, Oriental Books Reprint Corporation, New Delhi.			

<p>Marasinghe E.W., (Translated By) <i>The VāstuVidyā/ἄστροα Ascribe to Mañju/ri</i>, 1989, Satguru Publishers, Delhi. Shukla, Dvijendranāth, Bārathiya Sthāpatya, 1968, <i>Hindu Samiti Sucana Vibhāga</i>, Uttarapredes, Laknav.</p>
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<b>Semester</b>	02		
<b>Course Code:</b>	VAST 12343		
<b>Course Name:</b>	Techniques of House Planning		
<b>Credit Value:</b>	15x3		
<b>Type</b>	Compulsory		
<b>Hourly Breakdown</b>	<b>Theory</b>	<b>Practical</b>	<b>Independent Learning</b>
	45	45	60
<b>Course Aim/Intended Learning Outcomes:</b>			
<p>At the completion of this course student will be able to</p> <ul style="list-style-type: none"> <li>To describe the theories related to places and <i>çälägāha</i></li> <li>To differentiate the house categorize</li> <li>To house analyze the Veritable of house</li> </ul>			
<b>Course Content: (Main topics, Sub topics)</b>			
<p>What is <i>gāha</i>, Types of house, Sixteen types of main houses, House categorizations related main four castes, Types of palaces, Other type of houses, Width and the weight of the houses, <i>çälägāhavarga</i>, <i>prāsāda</i></p>			
<b>Teaching /Learning Methods:</b>			
Lectures, discussions, visual aids and presentations.			
<b>Assessment Strategy:</b> Assignments, presentations, in class tests, end of the semester examinations			
<b>Continuous Assessment</b>	<b>Final Assessment</b>		
20 %	80 %		
<b>Details: quizzes %, mid-term %, other % (specify)</b>	<b>Theory (%)</b>	<b>Practical (%)</b>	<b>Other (%) (specify)</b>
- % 10% 10 %	40	40	-

References / Reading materials

Altekar, Rahul, Viswas, Vāstu śāstra, 2004, D.K. Print World Pvt. Ltd, New Delhi.  
 Babu, Niranjana, B. Hand Book of Vāstu, 2005, UBS Publishers' Distributors Pvt. Ltd, New Delhi.  
 Devi, Vasudev, Gayatri, Vāstu, 2009, MotilalBanarshidass Publishers, Delhi.  
 අප්පුහාමි, හර්මානිස්, ඩබ්. ඒ., වාස්තු විද්‍යාව හෙවත් ගෘහ නිර්මාණ ශිල්පය, 2008, සීමාසහිත ඇම්.ඩී. ගුණසේන සහ සමාගම, කොළඹ.  
 Kumar, Acharya, P., *A Dictionary of Hindu Architecture*, 1981, Oriental Books Reprint Corporation, New Delhi.  
 Kumar, Acharya, P., *Architecture Of Mānasāra*, 1980, Oriental Books Reprint Corporation, New Delhi  
 Kumar, Acharya, P., *Indian Architecture According to Māvasāra - ශිල්ප ශාස්ත්‍රය*, 1927, The Oxford University Press, Bombay.

<b>Semester</b>	01		
<b>Course Code:</b>	VAST 21312		
<b>Course Name:</b>	Fundamentals of Architectural Drawings - I		
<b>Credit Value:</b>	15x2		
<b>Type</b>	Compulsory		
<b>Hourly Breakdown</b>	<b>Theory</b>	<b>Practical</b>	<b>Independent Learning</b>
	30	40	30
<b>Course Aim/Intended Learning Outcomes:</b>			
At the completion of this course student will be able to To identify the main interface elements, set up To create and use drawing templates files To describe the object property management system To explain the workflows for organizing drawing geometry To create mechanical structure			
<b>Course Content: (Main topics, Sub topics)</b>			
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.			
<b>Teaching /Learning Methods:</b>			
Lectures, discussions, visual aids and presentations.			
<b>Assessment Strategy:</b> Assignments, presentations, in class tests, end of the semester examinations			

Continuous Assessment 20 %	Final Assessment 80 %		
Details: quizzes %, mid-term %, other % (specify)  - % 10% 10 %	Theory (%)  30	Practical (%)  50	Other (%)(specify)  -
References / Reading materials			
<p>Lockley, S. R., &amp; Mahdjoubi, L. (1996). <i>AutoCAD</i>. London: DP Publications.</p> <p>Yarwood, A. (1991). <i>A student's AutoCAD</i>. Harlow, Essex, England: Longman Scientific &amp; Technical.</p> <p>Earle, J. H. (2008). <i>Engineering design graphics: AutoCAD 2007</i>. Upper Saddle River, N.J: Pearson/Prentice Hall.</p> <p>Bertoline, G. R., &amp; Frampton, J. D. (1994). <i>The essential AutoCAD</i>. New York: Macmillan College.</p> <p>McFarlane, R. (2002). <i>Beginning AutoCAD 2002</i>. Oxford: Butterworth Heinemann.</p> <p>McFarlane, B. (2016). <i>Beginning autocad 2007</i>. Place of publication not identified: Routledge.</p>			

<b>Semester</b>	01		
<b>Course Code:</b>	VAST 21322		
<b>Course Name:</b>	<i>kñetraphalasädhanaya</i> & Measurements		
<b>Credit Value:</b>	15x2		
<b>Type</b>	Compulsory		
<b>Hourly Breakdown</b>	<b>Theory</b>	<b>Practical</b>	<b>Independent Learning</b>
	30	30	40
<b>Course Aim/Intended Learning Outcomes:</b>			
<p>At the completion of this course student will be able to</p> <p>To recognize the various types of measurements</p> <p>To differentiate the modern and traditional measurements</p> <p>To explain the structure of <i>piëòacakra</i></p> <p>To analyze the <i>kñetraphalasädhanavidhi</i></p>			
<b>Course Content: (Main topics, Sub topics)</b>			
<p>Types of measurements, Inch, Cubit, Different types of measurements, <i>kñetraphalasädhanaya</i>, <i>iñöaäya</i>, Measurements of normal houses and palaces, Measurements of monasteries, Width and Length, <i>äyädinãòvarga</i>, <i>piëòacakra</i>, Measurements of bement, Storages, Height length and width of the wall, Differences and similarities of modern and ancient</p>			



measurements, Measurements of different plans, sites,			
Teaching /Learning Methods: Lectures, discussions, visual aids and presentations.			
Assessment Strategy: Assignments, presentations, in class tests, end of the semester examinations			
Continuous Assessment 20. %		Final Assessment.....80 %	
Details: quizzes %, mid-term %, other % (specify) - % 10% 10 %		Theory (%) 30	Practical (%) 40 Other (%) (specify) 10
References / Reading materials			
<p>Bandaranayaka, S, <i>Singhalese Monastic Architecture</i>, 1974, Studies in South Asian Culture, London.</p> <p>Battacharya, Barapada, <i>A Study on Vastu-Vidya or Cannons of Indian Architecture</i>, 1947, Taraporevala Publishers, Delhi</p> <p>Coomaraswamy, Ananda, K., <i>Early Indian Palaces</i>, 1975, Munshiram Manoharlal Publishers, Pvt Ltd, New Delhi</p> <p>Coomaraswamy, Ananda, K., <i>The Transformation of Nature In Art</i>, 1934, The Dover Publishers, New York.</p> <p>Marcuss, Fernando, W.B., <i>Ancient City of Anuradapura</i>, 1965, The Archeological Department.</p> <p>Wijsekara, Nandadeva, <i>Architecture</i>, 1990, Archaeological Department Centenary - Volume.</p> <p>අජ්ජනාමි, හර්මානිස්, වයි. ඒ., <i>වාස්තු විද්‍යාව හෙවත් ගෘහනිර්මාණ ශිල්පය</i>, 2008, සීමාසහිත ඇම්.ඩී. ගුණසේනසහසමාගම, කොළඹ.</p> <p>කෝරළෙගේ, දයාරත්න, <i>විද්‍යාත්මක පදනමක් මත වාස්තු ශිල්පය</i>, 2000, කර්තෘ ප්‍රකාශන.</p>			

Semester	02		
Course Code:	VAST 22332		
Course Name:	Fundamentals of architectural Drawings - II		
Credit Value:	15x2		
Type	Compulsory		
Hourly Breakdown	Theory	Practical	Independent Learning

	30	30	40
<b>Course Aim/Intended Learning Outcomes:</b> At the completion of this course student will be able to To describe the core mechanical design tools To modify and edit drawing objects To create production – ready drawings in model space To notate a drawing through the creation and editing of dimensions			
<b>Course Content: (Main topics, Sub topics)</b> Architectural views and drafting views, 3D modeling with AutoCAD (surface, solid), 3D modeling with sketch up, Annotating in AutoCAD with text and Hatching, layers, object grouping, Multiple layouts, Templates and Design center, Advanced plotting, Dimensioning.			
<b>Teaching /Learning Methods:</b> Lectures, discussions, visual aids and presentations.			
<b>Assessment Strategy:</b> Assignments, presentations, in class tests, end of the semester examinations			
<b>Continuous Assessment</b> 20%		<b>Final Assessment</b> 80 %	
<b>Details: quizzes %, mid-term %, other % (specify)</b>  - %    10%    10%		<b>Theory (%)</b>  40	<b>Practical (%)</b>  40
<b>Other (%) (specify)</b>  -			
<b>References / Reading materials</b>  Thomas, R. M. (1989). <i>Advanced techniques in AutoCAD</i> . San Francisco: Sybex. Head, G. O., Pietra, C. A., & Segal, K. J. L. (1991). <i>The AutoCAD 3D book</i> . Chapel Hill, NC: Ventana Press. McFarlane, R. (1997). <i>Introducing 3D AutoCAD</i> . London: Edward Arnold. Dix, M., & Riley, P. (2013). <i>Discovering AutoCAD 2013</i> . Boston: Pearson. Fane, B., & John Wiley and Sons. (2016). <i>AutoCAD for dummies</i> .			

<b>Semester</b>	02		
<b>Course Code:</b>	VAST 22342		
<b>Course Name:</b>	Interior Design & Door Planning		
<b>Credit Value:</b>	15x2		
<b>Type</b>	Compulsory		
<b>Hourly Breakdown</b>	<b>Theory</b>	<b>Practical</b>	<b>Independent Learning</b>
	30	30	40
<b>Course Aim/Intended Learning Outcomes:</b>			
<p>At the completion of this course student will be able to</p> <ul style="list-style-type: none"> <li>To describe the theories of establishment interior segments/ portions based on primary texts,</li> <li>To categorize the doors with regard to the direction</li> <li>To analyze the effects and affects of door establishment</li> <li>To explain the different kinds of door - establishments</li> </ul>			
<b>Course Content: (Main topics, Sub topics)</b>			
<p>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 placesfor 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.</p>			
<b>Teaching /Learning Methods:</b>			
Lectures, discussions, visual aids and presentations.			
<b>Assessment Strategy:</b> Assignments, presentations, in class tests, end of the semester examinations			
<b>Continuous Assessment</b> 20 %		<b>Final Assessment</b> 80 %	
<b>Details: quizzes %, mid-term %, other % (specify)</b>		<b>Theory (%)</b>	<b>Practical (%)</b>
- %	10%	10%	40
			40
			Other (%) (specify)
			-

**References / Reading materials**

Altekar, Rahul, Viswas, *Vāstu/ἄστρον*, 2004, D.K. Print World Pvt. Ltd, New Delhi  
 Babu, Niranjan, B. *Hand Book of Vāstu*, 2005, UBS Publishers' Distributors Pvt. Ltd, New Delhi.  
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 Kumar, Acharya, P., *An Encyclopedia of Hindu Architecture*, 1979, Oriental Books Reprint Corporation, New Delhi.  
 අප්පුනාමි, හර්මානිස්, වයි. ඒ., *වාස්තුවිද්‍යාව හෙවත් ගෘහනිර්මාණ ශිල්පය*, 2008, සීමාසහිත ඇම්.ඩී. ඉන්සේනසහසමාගම, කොළඹ.  
 කේරලේගේ, දයාරත්න, *විද්‍යාත්මක පදනමක් මත වාස්තු ශිල්පය*, 2000, කර්තෘ ප්‍රකාශන.  
 පියරත්න, සුගත්, *ගෘහනිර්මාණ ශිල්පය*, 2007, අනුර ප්‍රින්ටර්ස්, කුරුණෑගල වැලිකල ඩී.එස්.ජී., *ගොඩනැගිලි ඉදිකිරීම් තාක්ෂණය*, 1992, ද කොලීට් ප්‍රින්ටර්ස්, නුගේගොඩ.  
 සෙනෙවිරත්න, මතුගම, *සිංහල වාස්තු කිරිත්තම*, 1998, කර්තෘ ප්‍රකාශන.

<b>Semester</b>	01		
<b>Course Code:</b>	VAST 31312		
<b>Course Name:</b>	Computer Aided Architectural Drafting		
<b>Credit Value:</b>	15x2		
<b>Type</b>	Compulsory		
<b>Hourly Breakdown</b>	<b>Theory</b>	<b>Practical</b>	<b>Independent Learning</b>
	30	30	40
<b>Course Aim/Intended Learning Outcomes:</b>			
To explain how to create and edit a bill of materials To create a custom drafting standard and drawing template To utilize the mechanical options for the CAD manager To analyze the architectural drafting with a focus on industry standard To create 2D representations of 3D objects To construct accurate 2D geometry, 3D shapes and surface objects			
<b>Course Content: (Main topics, Sub topics)</b>			
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.			

<b>Teaching /Learning Methods:</b> Lectures, discussions, visual aids and presentations.			
<b>Assessment Strategy:</b> Assignments, presentations, in class tests, end of the semester examinations			
<b>Continuous Assessment</b>  20%		<b>Final Assessment</b> 80 %	
<b>Details: quizzes %, mid-term %, other % (specify)</b>  - %            10%            10%		<b>Theory (%)</b>  40	<b>Practical (%)</b>  40
		<b>Other (%) (specify)</b>  -	
<b>References / Reading materials</b>  <p>Lockley, S. R., &amp; Mahdjoubi, L. (1996). <i>AutoCAD</i>. London: DP Publications.</p> <p>Yarwood, A. (1991). <i>A student's AutoCAD</i>. Harlow, Essex, England: Longman Scientific &amp; Technical.</p> <p>Earle, J. H. (2008). <i>Engineering design graphics: AutoCAD 2007</i>. Upper Saddle River, N.J: Pearson/Prentice Hall.</p> <p>Bertoline, G. R., &amp; Frampton, J. D. (1994). <i>The essential AutoCAD</i>. New York: Macmillan College.</p> <p>McFarlane, R. (2002). <i>Beginning AutoCAD 2002</i>. Oxford: Butterworth Heinemann.</p> <p>McFarlane, B. (2016). <i>Beginning autocad 2007</i>. Place of publication not identified: Routledge.</p> <p>Thomas, R. M. (1989). <i>Advanced techniques in AutoCAD</i>. San Francisco: Sybex.</p> <p>Head, G. O., Pietra, C. A., &amp; Segal, K. J. L. (1991). <i>The AutoCAD 3D book</i>. Chapel Hill, NC: Ventana Press.</p> <p>McFarlane, R. (1997). <i>Introducing 3D AutoCAD</i>. London: Edward Arnold.</p> <p>Dix, M., &amp; Riley, P. (2013). <i>Discovering AutoCAD 2013</i>. Boston: Pearson.</p> <p>Fane, B., &amp; John Wiley and Sons. (2016). <i>AutoCAD for dummies</i>.</p>			

<b>Semester</b>	01		
<b>Course Code:</b>	VAST 31322		
<b>Course Name:</b>	Astrology; Rituals and västuvidyā		
<b>Credit Value:</b>	15x2		
<b>Type</b>	Compulsory		
<b>Hourly Breakdown</b>	Theory	Practical	Independent

			Learning
	30	30	40
<b>Course Aim/Intended Learning Outcomes:</b> To prepare the auspicious time With regard to the house construction To explain the astrological aspects related to <i>vāstuvidyā</i> To distinguish the various rituals based on primary texts To use the rituals accurately			
<b>Course Content: (Main topics, Sub topics)</b>  <i>gāhārambhamuhūrtavidhi, gāhanakñātra, auspicious time, nāòikūta, gaëamaitrévibhāga, daçāphala, çalyoddhāracakra, ahivalayacakra, vāñabha, vāstucakradvāracakra, Vital Rituals related to purification of land, Inception of foundation, çalysthāpana, Establishment of door bars, auspicious entrance, Essential materials for foundation stone, çubhāçubhavidhi.</i>			
<b>Teaching /Learning Methods:</b> Lectures, discussions, visual aids and presentations.			
<b>Assessment Strategy:</b> Assignments, presentations, in class tests, end of the semester examinations			
<b>Continuous Assessment</b> 20.%		<b>Final Assessment.....80 %</b>	
<b>Details: quizzes %, mid-term %, other % (specify)</b>  - %            10%            10%		<b>Theory (%)</b>  60	<b>Practical (%)</b> 20
		<b>Other (%) (specify)</b>  -	
<b>References / Reading materials</b>  Kumar, Acharya, P., <i>A Dictionary of Hindu Architecture</i> , 1981, Oriental Books Reprint Corporation, New Delhi. Kumar, Acharya, P., <i>Architecture Of Mānasāra</i> , 1980, Oriental Books Reprint Corporation, New Delhi Kumar, Acharya, P., <i>Indian Architecture According to Māvāçāra - / / λλα / äççra</i> , 1927, The Oxford University Press, Bombay. අජිජුනාමි, හරිමානිස්, වයි. ඒ., <i>වාස්තු විද්‍යාව හෙවත් ගෘහනිර්මාණ ශිල්පය</i> , 2008, සීමාසහිත ඇම්.ඩී. ගුණසේනසහසමාගම, කොළඹ.			
<b>Semester</b>	02		

Course Code:	VAST 32332		
Course Name:	Defects and the Remedies		
Credit Value:	15x2		
Type	Compulsory		
Hourly Breakdown	Theory	Practical	Independent Learning
	30	30	40
<b>Course Aim/Intended Learning Outcomes:</b> At the completion of this course student will be able to To define the defects To describe the various kinds of effects To analyze the effects of defects To construct the accurate remedies To explain the scientific reasons of defects and remedies			
<b>Course Content: (Main topics, Sub topics)</b> <i>marma - vaàça - rajju- çirā-bhūmidoña-dvāra vedha-gāhavedhadoña-kūpadoña-diñādoña</i> and remedies for those <i>vedhadoñas</i> review and scrutiny of selected plans			
<b>Teaching /Learning Methods:</b> Lectures, discussions, visual aids and presentations.			
<b>Assessment Strategy:</b> Assignments, presentations, in class tests, end of the semester examinations			
<b>Continuous Assessment</b> 20%		<b>Final Assessment</b> 80 %	
<b>Details: quizzes %, mid-term %, other % (specify)</b> -%            10%            10%		<b>Theory (%)</b> 60	<b>Practical (%)</b> 20
		<b>Other (%) (specify)</b> -	

References / Reading materials

Altekar, Rahul, Viswas, *Vāstu/ἄστρον*, 2004, D.K. Print World Pvt. Ltd, New Delhi.

Babu, Niranjan, B. *Hand Book of Vāstu*, 2005, UBS Publishers' Distributors Pvt. Ltd, New Delhi.

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Kumar, Acharya, P., *Indian Architecture According to Māvasthāra – Ἰνδία ἄστρον*, 1927, The Oxford University Press, Bombay

Marasinghe E.W., (Translated By) *The Vāstu Vidyā/ἄστρον Ascribe to Mañju/ρι*, 1989, Satguru Publishers, Delhi.

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<b>Semester</b>	02		
<b>Course Code:</b>	VAST 32342		
<b>Course Name:</b>	Secondary (Additional) Component of House Planning & Monastic Architecture		
<b>Credit Value:</b>	15x2		
<b>Type</b>	Compulsory		
<b>Hourly Breakdown</b>	<b>Theo ry</b>	<b>Practical</b>	<b>Independent Learning</b>
	30	30	40
<b>Course Aim/Intended Learning Outcomes:</b>			
At the completion of this course student will be able to			
To recognize the secondary component of house planning			
To explain the theories based on primary texts			
To discuss the scientific values of theories			
To design the accurate plan			
To use the theories critically			
To analyze the theories on Monastic Architecture			
<b>Course Content: (Main topics, Sub topics)</b>			
<i>vithikā, kūpa, garden, compound, roof, gate and roads, cultivation of trees, dārusāskāra vidhistambha, features of beds, selection of suitable colours, and scrutiny of plans, Fundamental Structure of Monastery, Main edifices and sub divisions, 12 types of Structures with relevant measurement based on primary</i>			



Sanskrit Vastu tetxs.			
Teaching /Learning Methods: Lectures, discussions, visual aids and presentations.			
Assessment Strategy: Assignments, presentations, in class tests, end of the semester examinations			
Continuous assessment 20. %		Final Assessment 80 %	
Details: quizzes %, mid-term %, other % (specify) %      10%      10%		Theory (%) 60	Practical (%) 20
		Other (%) (specify) -	
References / Reading materials			
<p>Altekar, Rahul, Viswas, <i>Vāstu/āstara</i>, 2004, D.K. Print World Pvt. Ltd, New Delhi</p> <p>Babu, Niranjana, B. <i>Hand Book of Vāstu</i>, 2005, UBS Publishers' Distributors Pvt. Ltd, New Delhi.</p> <p>Devi, Vasudev, Gayatri, <i>Vāstu</i>, 2009, MotilalBanarshidass Publishers, Delhi.</p> <p>Kumar, Acharya, P., <i>Architecture Of Mānasāra</i>, 1980, Oriental Books Reprint Corporation, New Delhi.</p> <p>Kumar, Acharya, P., <i>An Encyclopaedia of Hindu Architecture</i>, 1979, Oriental Books Reprint Corporation, New Delhi</p> <p>Kumar, Acharya, P., <i>Indian Architecture According to Māvātsāra –/ιλαāstara</i>, 1927, The Oxford University Press, Bombay.</p> <p>අජ්ජුහාමි, හර්මානිස්, වයි. ඒ., <i>වාස්තු විද්‍යාව හෙවත් ගෘහනිර්මාණ ශිල්පය</i>, 2008, සීමාසහිත ඇම්.ඩී. ගුණසේන සහ සමාගම, කොළඹ.</p>			