

**Kaccāyanavyākaraṇavaṃsāyattaganthānusārenaca  
Piṭakasasaṅkhyānusārena ca saṅkhyāgaṇanaparicchedānaṃ  
Vīmaṃsanam**

**Āyasmā Paññālaṅkāro<sup>1</sup>**

**Uddeso**

Eka, duvi, tayo, caturādayo Pāḷivasena ca, One, two, three, four iccādi āṅgalīsa’vasena ca ‘Cardinals Numericals’ iti vohāro Mūlasaṅkhyāti daṭṭhabbam. Paṭhama, dutiya, tatiya, catutthādayo Pāḷivasena ca, First, second, third, fourth iccādayo āṅgalīsa’vasena ca ‘Ordinals Numericals’ iti vohāro Pūraṇasaṅkhyāti vā anukkamasāṅkhyāti vā’ti vohariṃsu.

Kaccāyanavyākaraṇaganthe ‘saṅkhyā pūraṇe mo’tisuttena saṅkhyā pūraṇatthe ‘ma’paccayo hoti. Yathā - pañcannaṃ pūraṇo pañcama. evaṃ chaṭṭhamo sattamo aṭṭhamo navamo dasamo. Tato ‘sa chassa vā’tisuttena ‘chassa’ ‘sa’kārādeso hoti vā saṅkhyāpūraṇatthe. channaṃ pūraṇo chaṭṭho. Tato ‘ekādito dasasī’tisuttena ekādito dasassa ante ‘ī’paccayo hoti vā saṅkhyā pūraṇatthe. Yathā – eko ca dasa ca ekādasa. ekādasannaṃ pūraṇī ekādasasī. evaṃ pañca ca dasa ca pañcadasa. Pañcadasannaṃ pūraṇī pañcadasasī. evaṃ cattāro ca dasa ca catuddasa cuddasa iti vā. catuddasannaṃ pūraṇī cātuddasī. pūraṇeti kimattham ekādasapañcadasa. Tato ‘dase so niccañcā’ti suttena ‘dasasadde pare niccaṃ chassa so hoti’. Yathā – Soḍhasa. Tato ‘ante niggaḥitañcāti suttena ‘tāsaṃ saṅkhyānaṃ ante niggaḥitāgamo hoti’. Yathā - pañcadasim cātuddasim vīsaṃ tiṃsaṃ cattālīsaṃ paññāsaṃ saṭṭhi sattari sattati asīti navuti. Asakinti kamattham dasa. gaṇaneti kimattham dasa dasakā purisā. Tato ‘catūpapadassa lopo tu’ttarapadāni cassa cu sopi navā’tisuttena catūpapadassa gaṇane pariyāpannassa tukārassa lopo hoti. Uttarapadāni ca-kārassa cu sopi ādesā honti navā. Yathā - cuddasa coddasa catuddasa. apiggahaṇena anupapadassāpi padādi ca-kārassa lopo hoti navā. Cassa cu sopi honti. Yathā - tālīsaṃ cattālīsaṃ cuttālīsaṃ cottālīsaṃ. Tato ‘yadanupannā nipātanā sījjhantī’tisuttena ye saddā aniddiṭṭhalakkhaṇā akkharapadabyañjanato itthipumanapumsakaliṅgato nāmupasagganipātato abyayībhāvasamāsātaddh itākhyātato gaṇanasāṅkhyākālakārapayogasaññāto sandhi pakati, vuddhi, lopā, gama, vikāra, viparītato vibhattivibhajanato ca te nipātā sījjhanti. Tato ‘dvādito ko nekatthe cā’tisuttena dvi-icceva mādito ka-paccayo hoti anekatthe

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ca, nipātanā sījḥanti. Yathā - satassa dvikaṃ dvisataṃ. Satassa tikaṃ tisataṃ, satassa catukkaṃ catussataṃ, satassa pañcakaṃ pañcasataṃ, satassa chakkaṃ chasataṃ, satassa sattakaṃ sattasataṃ, satassa aṭṭhakaṃ aṭṭhasataṃ, satassa navakaṃ navasataṃ, satassa dasakaṃ dasasataṃ, saḥassaṃ hoti. Tato ‘dasa dasakaṃ sataṃ dasakānaṃ saḥassaṃca yomhi’ tisuttena gaṇane pariyāpannessa dasa, dasakassa sataṃ hoti. Sata, saḥassassa ca saḥassaṃ hoti yomhi pare. Yathā-sataṃ saḥassaṃ. Dvikārādīnaṃ taduttarapadānaṃ nipaccante yathāsaṅkhyāṃ. Yathā – satassa dvikaṃ tadidaṃ hoti dvisataṃ. evaṃ tisataṃ, catusataṃ, pañcasataṃ, chasataṃ, sattasataṃ, aṭṭhasataṃ, navasataṃ, dasasataṃ, saḥassaṃ hoti. Tato ‘yāva taduttari dasaguṇitaṅcā’ tisuttena yāva tāsāṃ saṅkhyānaṃ uttari dasaguṇitaṅ ca kātabbaṃ. taṃ yathā – dasassa gaṇanassa dasaguṇitaṃ katvā sataṃ hoti, Satassa dasaguṇitaṃ katvā saḥassaṃ hoti, saḥassassa ca dasaguṇitaṃ katvā dasasaḥassaṃ hoti, dasasaḥassassa ca dasaguṇitaṃ katvā sataḥassaṃ hoti, sataḥassassa ca dasaguṇitaṃ katvā dasasatasahaḥassaṃ hoti, dasasatasahaḥassassa ca dasaguṇitaṃ katvā koṭi hoti, koṭisatasahaḥassassa ca sataguṇitaṃ katvā pakoṭi hoti. evaṃ sesāpi yojetabbā. caggahaṇaṃ visesanatthaṃ. Tato ‘sakanāmeḥī’ ti suttena yāsaṃ pana saṅkhyānaṃ aniddiṭṭhanāmadheyyānaṃ sakehi sakehi nāmehi nipaccante. Yathā – sataḥassānaṃ sataṃ koṭi, koṭisatasaḥassānaṃ sataṃ pakoṭi, pakoṭisatasahaḥassānaṃ sataṃ koṭippakoṭi, koṭippakoṭisatasahaḥassānaṃ sataṃ nahutaṃ, nahutasatasahaḥassānaṃ sataṃ ninnahutaṃ, ninnahutasatasahaḥassānaṃ sataṃ akkhobhinī, tathā bindu, abbudaṃ, nirabbudaṃ, ahahaṃ, ababaṃ, aṭṭaṃ, sogandhikaṃ, uppalaṃ, kumudaṃ, padumaṃ, puṇḍarikaṃ, kathānaṃ, mahākathānaṃ, asaṅkhyeyaṃ.

Taddhitasāṅkhyāvasena ca pana dvinnaṃ pūraṇo dutiyo, dutiyī, dutiyā, dutiyāṃ. Evaṃ aḍḍena saha dutiyo diyaḍḍo, divaḍḍo, tathā tatiyo aḍḍatiyo, catuttho, aḍḍuḍḍo, pañcamaṃ, pañcamī, pañcamā, pañcamaṃ, chaṭṭho, saṭṭho, chaṭṭhī, chaṭṭhamaṃ, sattamaṃ, aṭṭhamaṃ, navamaṃ, dasamaṃ, dasamī, dasamā, dasamaṃ. Eko ca dasa ca ekādasa, ekena vā adhikā dasa ekādasa, ekādasannaṃ pūraṇī ekādasī, ekādasīyo itthiyo, ekādasamaṃ, tathā dvādasī, dvārasī, bārasī, bārasamaṃ, terasī, terasamaṃ, cuddasī, coddasī, cātuddasī, catuddasī, catuddasamaṃ, pañcadasī, paṇṇadasī, pannarasī, pannarasamaṃ, soḷasī, soḷasamaṃ, sattadasī, sattarasī, sattarasmaṃ, aṭṭhādasī, aṭṭhārasī, aṭṭhārasmo.

Tato ekena ūnā vīsaṃ ekūnavīsaṃ, ekūnavīsati iccādiṃ katvā yāva ekūnasataṃ, etthantare paṭhamā, dutiyādivibhattigaṇavasena pana evaṃ daṭṭhabbaṃ. Paṭhamā si’ vibhattiyā ekūnavīsaṃ, ekūnavīsati, dutiyā aṃ’ vibhattiyā ekūnavīsaṃ, ekūnavīsatiṃ, tatiyā nā’ vibhattiyā ekūnavīsāya, ekūnavīsatiyā, catutthī sa’ vibhattiyā ca, pañcamī smā’ vibhattiyā ca, chaṭṭhī sa’ vibhattiyā ca tatheva, sattamī smiṃ’ vibhattiyā ekūnavīsāya, ekūnavīsāyaṃ, ekūnavīsatiyā, ekūnavīsatiyaṃ. Tathā navutyantā. Ekūnavīsatiyā pūraṇo ekūnavīsatiyo. Dasa ca dasa ca vīsaṃ, vīsati. Tathā ekavīsaṃ, ekavīsati, dvāvīsaṃ, dvāvīsati, bāvīsaṃ,

bāvīsati, tevīsam, tevīsati, catuvīsam, catubbīsam, catuvīsati, catubbīsati, pañcavīsam, pañnavīsam, pañcavīsati, chabbīsam, chabbīsati, sattavīsam, sattavīsati, aṭṭhavīsam, aṭṭhavīsati, ekūnattimsam, ekūnattimsati.

Tathā dasa ca dasa ca dasa ca tiṃsam, tiṃsati. Evaṃ ekūnatimsam, ekūnatimsati. Dvattimsam, dvattimsati, bāttimsam, bāttimsati, tettimsam, tettimsati, catuttimsam, catuttimsati, pañcattimsam, pañcattimsati, chattimsam, chattimsati, sattattimsam, sattattimsati, aṭṭhattimsam, aṭṭhattimsati, ekūnacattālīsam, ekūnacattālīsati. Tathā cattālīsam, cuttālīsam, cottālīsam, tālīsam, tālīsati. Evaṃ ... navuti, navutiyō, ekanavuti, dvenavuti, tenavuti, catunnavuti, pañcanavuti, channavuti, sattanavuti, aṭṭhanavuti, ekūnasatam. Tato dasa gaṇanāya dasa guṇitaṃ satam, satam satena iccādi. Tathā satagaṇanassa dasa guṇitaṃ saḥassam. Saḥassa gaṇanassa dasa guṇitaṃ dasasaḥassam, nahutantipi. Dasa saḥassa gaṇanassa dasa guṇitaṃ sataḥassam, lakkhantipi. Sata saḥassa gaṇanassa dasa guṇitaṃ dasasataḥassam, niyutantipi.

### **Saṅkhyānāmappakāsanam**

Saṅkhyābyākaraṇesu eka,ti,catu iti tibyākaraṇam ekā itthī, eko puriso, ekaṃ cittam, tisso itthiyo, tayo purisā, tīṇi cittāni, catasso puriso, cattāro purisā, cattāri cittāni iccādinā tīsu liṅgesu asamānarūpattā porāṇācariyehi sabbanāme pavisiṃsu. Dvibyākaraṇampi dve itthiyo, dve purisā, dve cittāni iccādinā evaṃ liṅgattaye visadisāpi duve, dvaya, ubha, ubhaya, duvi, du, bā, do, di iti kāriyavisesattā anto sabbanāme pavesetvā pakāsenti. Pañcādinam byākaraṇam pana paṭhamāduṭiyāvibhattīsu yo' vibhattilopāya pañca itthiyo, pañca purisā, pañca cittāni iccādinā liṅgato avisadisā hutvā pakatiyāva ṭhitā, tato hi, nam, su' vibhattīsu avisesakāriyattā ca te sabbanāmaggaṇam asampattam. Apica saṅkhyānāmanti sabbanāmasadisā ca kārikādi ekaccesu ganthesupi tattheva pavesitattā ca tattha ekatova pakāsessāma.

Tato saṅkhyāgaṇanaparicchede pana ekādito paṭṭhāya yāva koṭipamāṇam pubbe vuttam. tañca 'Ordinal numerals' itipamāṇena, 'Cardinal numerals' vasena ca satalakkhapamāṇanti, Āṅgalīsa' vasena ca pana 'Ten million' iti. Tam koṭipamāṇam ekasaṅkhyato parasmim sattaṣuñṇanti. Tatopaṭṭhāya ekamekaṃ sattaṣuñṇam adhikaṃ katvā pakoṭivasena vā, tato koṭippakoṭi ca, nahutaṃ ca, ninnahutaṃ ca, akkhobhinī ca, bindu ca, abbudaṃ ca, nirabbudaṃ ca, ahaṃ ca, ababaṃ ca, aṭaṭaṃ ca, sogandhikaṃ ca, uppalaṃ ca, kumudaṃ ca, puṇḍarikaṃ ca, padumaṃ ca, kathānaṃ ca, mahākathānaṃ cāti. Tato avasāne Ekagaṇasaṅkhyāya parasmim cattālīsādhikā ekasatappamāṇā suñṇā santi, eso 'asaṅkhyeyyo' ti vuccati.

Vuttañhetam niddese saṅkhyāsaddo cesa tividho saṅkhyeyyapadhāno saṅkhyāpadhāno ubhayapadhāno cāti. Tesam saṅkhyeyyappadhānanti



anekatejo mahiddhi mahātejavantoti. Sahassaraṃsīti anekobhāso pabhassarobhāso saḥassādhikobhāso. Paropaññāso ca, parosataṃ ca, parosahassaṃ cāti anekatthe pavattā anekasaṅkhyāti. Doṇo, khārī, ālhakaṃ iccādi saṅkhyā ca, eka dvi ti iccādi saṅkhyā ca pamāṇikasāṅkhyāti. Athavā saṅketasaṅkhyāti meru, canda, rūpa, indu iccādinā ekamekatthaṃ hoti. Cakkhu, sota, hattha, pāda iccādinā pana dvekatthaṃ uppajjanti. Aggi, dakkhiṇa iccādinā trikatthanti. Sindhu, aṇṇava, samudda iccādinā caturatthanti. Usu, akkha iccādinā pañcakatthanti. Utu, sara iccādinā chakkatthanti. Muni, isi iccādinā sattakatthanti.

### **Piṭakasaṅkhyāgaṇanappakāsanam**

Ekacattālīsakkharānam piṭakattayasāṅkhyāya kiṃ gahetabbanti?  
Vuttañhetam chandaṭṭikāyam -

“kāḍī ṭāḍī ya-kārādī, navasaṅkhyā pakāsītā,

pañcasāṅkhyā pa-kārādī, suññā nāma sara,ña,nā’ti.

Adhippāyo nāma kāḍīti ka kha ga gha ṇa, ca, cha, ja, jha akkharā cāti. ṭāḍīti ṭa, ṭha, ḍa, da, ṇa, ta, tha, da, dha akkhārā cāti. Ya-kārādīti ya, ra, la, va, sa, ha, ḷa akkharā cāti. Ime akkhare yathakkamaṃ eka, dvi, ti iccādi navasaṅkhyāti pakāsītāti. Pa-kārādīti pa, pha, ba, bha, ma akkharāti. Ime pañcasāṅkhyā yathakkamaṃ pañcasāṅkhyāti pakāsītāti. Sara, ña, nāti aṭṭhavidham sarakkharam ca, ña akkharā ca, na akkharā cāti ime akkhare asaṅkhyeyam aṅgaṇikaṃ suññakkharanti pakāsītanti. Iti sabbam samattam.

**Keywords:** Kaccāyanavyākaraṇavaṃsāyattaganthānusārena, Piṭakasasaṅkhyā nusārena, saṅkhyāgaṇanaparicchēdānam, Piṭakasaṅkhyāgaṇanappakāsanam, Saṅkhyānāmappakāsanam.

### **Āsevita Ganthā**

*Chandaṭṭikāyam vuttam.*