

Bachelor of Arts (Honours) Hindi under CBCS

Programme Code:

Programme Outcomes

At the completion of the programme, students will attain the ability to:

- PO1: fgUnh Hkkekk-lkfgR; d's ,frgk'ld fodl l li.kirk esa ifjfr gksx
- PO2: viul Hkkekk-lkfgR; d's ifr vkiea tix:dri ink gksxh
- PO3: Hkkjr dh leifld LLNfr d' fodl eas fgUnh Hkkekk-lkfgR; dh Hkfedk l ifjfr gksx
- PO4: fgUnh vkj vU; Hkkjrh; Hkkekkvksa d's lkfgR; d's vil lci/kksa dks le> ldx

Programme Specific Outcomes

At the completion of the programme, students will attain the ability to:

- PS01: fgUnh lfig; dh fofHkUu fo/kkvksa dh jpukvksa d's ikB l vidi ekuoh; Lonuk dk fodl gksxk
- PS02: Hkkfedk fpiru dh ikphu Hkkjrh; ijij d's lkFk mld v4ru fodl dh tkudkj gksxh
- PS03: lfig; d' fo/kkvksa dh iNfr d's lkFk fofHkUu fo/kkvksa d's vUrLLc/k vkj vrj dks igpku ldx
- PS04: fcgkj cky;ksa vkj fcgkj d's dfo-y[kdk dk fo'kek ifjp; iklr dj ldx

Course Structure

Semester-I

Sl.No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Hindi Sahitya Kalthas (Reetikaal Tak)	CC-1	6-1-0	6	100
2.	Adi Kaleen and Madhya Kaleen Hindi Kavita	CC-2	6-1-0	6	100
3.	English Communication/MIL	AECC-I	2-1-0	2	100
4.	Generic Elective-1	GE-1	6-1-0	6	100
Total Credit-					20

Semester-II

Sl.No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Hindi Sahitya Itihas (Adhunik Kaal)	CC-3	6-1-0	6	100
2.	Adhunik Hindi Kavita (Chhayavaad Tak)	CC-4	6-1-0	6	100
3.	Environmental Science	AECC-II	2-1-0	2	100
4.	Generic Elective-2	GE-2	6-1-0	6	100
Total Credit- 20					

Semester-III

Sl.No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Chhayavadottar Hindi Kavita	CC-5	6-1-0	6	100
2.	Bhartiya Aur Paschatya Kavyashastra	CC-6	6-1-0	6	100
3.	Hindi Ki Sahityik Vidhayen: Udhbhav Aur Vikas	CC-7	6-1-0	6	100
4.	Skill Enhancement Course-1	SEC-1	2-1-0	2	100
5.	Generic Elective-3	GE-3	6-1-0	6	100
Total Credit-26					

Semester-IV

Sl.No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Hindi Bhasha: Udhbhav Aur Vikas	CC-8	6-1-0	6	100
2.	Hindi Upanyas	CC-9	6-1-0	6	100
3.	Hindi Kahani	CC-10	6-1-0	6	100
4.	Skill Enhancement Course-2	SEC-2	2-1-0	2	100
5.	Generic Elective-4	GE-4	6-1-0	6	100
Total Credit-26					

Semester-V

Sl.No.	Name of Course	Type of Course	L-T-P	Credit	Marks
1.	Hindi Natak Evam Rangmanch	CC-11	6-1-0	6	100
2.	Hindi Nivandha Aur Anya Gadya Vidhayein	CC-12	6-1-0	6	100
3.	Discipline Specific Elective-1	DSE-1	6-1-0	6	100
4.	Discipline Specific Elective-2	DSE-2	6-1-0	6	100
Total Credit-24					

Semester-VI

Sl.No.	Name of Course	Type of Course	L-T-P	Credit	Marks
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1.	HindiKiSahityikPatrakarita	CC-13	6-1-0	6	100
2.	PrayojanmulakHindi	CC-14	6-1-0	6	100
3.	DisciplineSpecificElective-3	DSE-3	6-1-0	6	100
4.	Discipline SpecificEletive-4(Dissertation/ProjectWork)	DSE-4	0-0-6	6	100
					TotalCredit=24

TotalCredit=140

***L/T/P: number of classes per week**

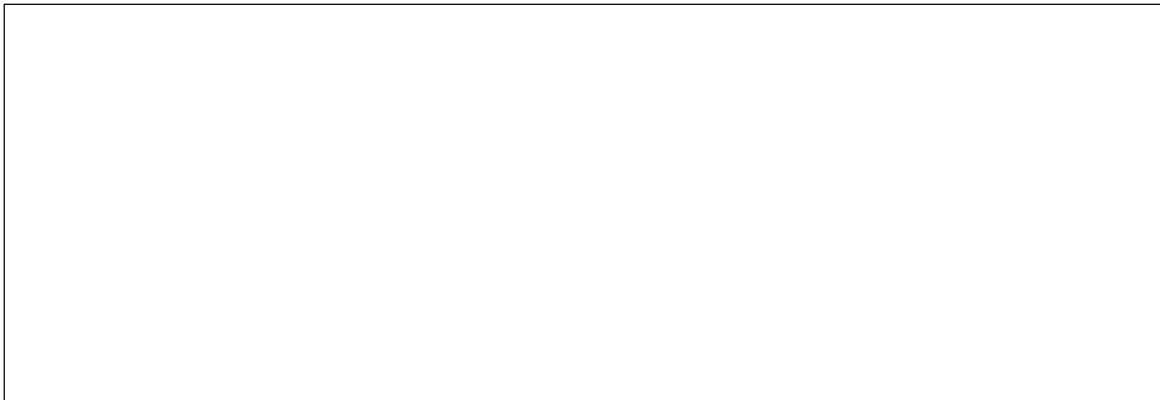
Discipline Specific Elective Course (DSE):

Course name	L-T-P
1. ykd LkfgR;	6-1-0
2. vfLerkeyd foe" k vkij Çgnh LkfgR;	6-1-0
3. çokLh LkfgR;	6-1-0
4. jkeVh; dkO;èkkjk	6-1-0
5. Nk;kokn	6-1-0
6. ryLhnl	6-1-0
7. çepn	6-1-0
8. Q.kh"ojukFk js.kq	6-1-0
9. jkeèkkjh lg fnudj	6-1-0
10- DISSERTATION/PROJECT WORK mi;ä eas l dkÃ pkj iBî0e	0-0-6

Generic Elective (GE):

For Hindi Students		For Other Students	
Course name	L-T-P	Course name	L-T-P
		1. ykd LkfgR;	6-1-0
		2. Q.kh"ojukFk js.kq	6-1-0

Skill Enhancement Courses (SEC):



SEMESTER – I

CC1 :fgUnh Lfgr; dk bfrgl : jhfrdky rd

Course Outcomes

After the completion of the course, the students will be able to:

CO1: vkfndkyhu vkj eè;dkyhu Lfgr; dh fofHkUu ,frgrld ieBHkife dk le> Ldx

CO2: vkfndkyhu vkj eè;dkyhu Lfgr; d; Lo:i dks vReLkr dj Ldx

CO3: nkuk dky d; of"leV; d; LfR vUrLc/k vkj v;fo;jk/kkz dk le> Ldx

CC1 :fgUnh Lfgr; dk bfrgl : jhfrdky rd (Theory: 06 Credits)		
Unit	Topics to be covered	No. of Lectures
1	- vkfndkyhu Lfgr;; ukedj.k vkj dky fu/kkj.k - vkfndkyhu Lfgr; dh jktuhfrd] Lelftd] LkNfrd] Lfgr;d ieBHkife	08
2	vkfndkyhu dkO; d; fofHkUu : ik dk Leh{kkRed ifjp; - il)-tu dkO;] jkLk dkO;] ykfdd dkO; ,o vU; dkO;A vkfndyhu dkO; dh egUoi.ki fo"kekrk; ,o i:ofUk;k	16
3	- HkfDrdkyhu Lfgr; dh ,frgrld ieBHkife - HkfDrdkyhu d; d; nk"kfud vk/kkj	06
4	HkfDrdkyhu d; dh ie[k /kkjk; vkj i:ofUk;k] mud vil Lc/k vkj of"leV;	14
5	- jhfrdkyhu dkO; dh ,frgrld ieBHkife] ukedj.k] dky-fu/kkj.k - jhfrdkyhu d; dh fofHkUu /kkjk;	06
6	- jhfrdkyhu d; dh fo"kekrk; vkj i:ofUk;k - vkfndkyhu ,o eè;dkyhu dkO; dk Lex eY;kdu	10
TOTAL		60

Lg;d i;Lrd :-

- 1- fgnh Lfgr; dk bfrgl : vkpk; jkepUæ "dy] ukxjh ipkfj.kh [Hkk] d;"
- 2- fgnh Lfgr; dh Hkfedk : vkpk; gt;jh iln f}onh] jktdey id"lu] ubZ fnYyh
- 3- fgnh Lfgr; dk vkfndky : vkpk; gt;jh iln f}onh] fcgkj jkeVHkkekk ifjekn] iVuk
- 4- fgnh Lfgr; dk bfrgl : y{eh Lxj oke.ki;] ydHkkjrh id"lu] bykgckn
- 5- fgnh Lfgr; dk bfrgl : Lind] MkW- uxUæ] u"luy ifeyi"ix gkmL] ubi fnYyh

CC2 :v/k/fud– iol fg:nh dfork : vkfndky L jhfrdky rd

Course Outcomes

After the completion of the course, the student will be able to:

- CO1:** fganh d: vkfndky L jhfrdky rd d: fof^hkeV dfo; k_h dk ikBxr vè;;u dj Ldix_h
CO2: bl nkj d: dfo; k_h d: ikBxr vè;;u L fg:nh dfork d: ofoè; L ifjfpr gk_hx_h
CO3: ml ;x d: ,frgkfLd] jktuhfrd] L^helift d ; FkkFkl L dfork d: L_hci/k dh O;k[k dj Ldix_h
CO4: dforkvk_h d: ikBxr vè;;u L vkidh Lionuk dk fodlL gk_hx_h

CC2 :v/k/fud– iol fg:nh dfork : vkfndky L jhfrdky rd (Theory: 06 Credits)		
Unit	Topics to be covered	No. of Lectures
1	- fo4kifr %inkoyh] L^hilnd : jkeo^h{k ciuhijh^h $\frac{1}{4}d\frac{1}{2}$ n[k–n[k jk/kk :i vikj -----$\frac{1}{4}2\frac{1}{2}$ $\frac{1}{4}[k\frac{1}{2}$ t; t; Hkjfo ---- $\frac{1}{4}3\frac{1}{2}$ $\frac{1}{4}x\frac{1}{2}$ Ll t_hkou nig^h fefy xy---- $\frac{1}{4}4\frac{1}{2}$ $\frac{1}{4}*k\frac{1}{2}$ dkfefu dj, Luku ---- $\frac{1}{4}23\frac{1}{2}$ $\frac{1}{4}^3\frac{1}{2}$, L[k i[kfy ,d vi:i ---- $\frac{1}{4}36\frac{1}{2}$ $\frac{1}{4}p\frac{1}{2}$ d_ht Hkou L, fudlfy j; --- $\frac{1}{4}59\frac{1}{2}$ $\frac{1}{4}N\frac{1}{2}$ rkry Ldr ckj–fcn le ---- $\frac{1}{4}254\frac{1}{2}$ - dchj %x_hFkkoyh] L_h ckc_h ;eLnj nL_h $\frac{1}{4}d\frac{1}{2}$,L Hkin fcxpu Hkkjh ---$\frac{1}{4}47\frac{1}{2}$ $\frac{1}{4}[k\frac{1}{2}$ vdFk dgkuh i_he dh-----$\frac{1}{4}156\frac{1}{2}$ $\frac{1}{4}x\frac{1}{2}$ ykd_h efr d Hkkjk j;---- $\frac{1}{4}402\frac{1}{2}$	11
2	- efyd egEen t;L %inekor] L_h okLno^hkj.k vxoky^h $\frac{1}{4}d\frac{1}{2}$ eluljind [k.M $\frac{1}{4}[k\frac{1}{2}$ ukxerh Ln^hi [k.M - LjnL $\frac{1}{4}Jh\dot{N}e.k$ cky–ek/kjh] xhrk iL] xkj[kij^h $\frac{1}{4}d\frac{1}{2}$ dgu ykx ekgu e;k–e;k ---- $\frac{1}{4}88\frac{1}{2}$ $\frac{1}{4}[k\frac{1}{2}$ n[kk_h ekb! dkUg fgyfd;kuh jko_h --- $\frac{1}{4}229\frac{1}{2}$ $\frac{1}{4}x\frac{1}{2}$ e;k! gkaS xkb pjkou t_hgk_h---- $\frac{1}{4}281\frac{1}{2}$	11
3	ryLinL $\frac{1}{4}dforkoyh]$ dk^h ukxjh ipkfj.kh L_hHkk_h $\frac{1}{4}d\frac{1}{2}$ vo/k^hk d: {kj: Ldj x, ---- $\frac{1}{4}ckyd.k.M\frac{1}{2}$ $\frac{1}{4}[k\frac{1}{2}$ ikr Hkjh Lgj] ldy Lr ckj–ckj: ---- %v; kè; kdk.M] $8\frac{1}{2}$ $\frac{1}{4}x\frac{1}{2}$ Ldj–Lgj Lj] ujukfj ckfjpi--dk^h es_h egkekjh] 176 vkj 177$\frac{1}{2}$ jkepfjrekuL_hv; kè; kdkM_h] xhrk iL] xkj[kij: nkgk L_h 252L 269 vkj 303 L 308	12
4	- jghe $\frac{1}{4}jghe$ x_hFkkoyh] [k.M pkj$\frac{1}{2}$ $\frac{1}{4}d\frac{1}{2}$ cjo_h L[;i 10 L 30 rd - ehjkckbidh inkoyh] L_h ij^hijle pr_hoinh] fg:nh L_hfgi; L_heyu_h i;lx in L_h 3] 17]19] 32] 36] 38] 46] 53] 70] 116	08
5	fcgkjh $\frac{1}{4}fcgkjh$ jRukdj] L_h Jh tx_hluifinkL jRukdj$\frac{1}{2}$ nkgk L[;i 1] 8] 16] 20] 32] 35] 38] 51] 63] 67] 69] 70] 73] 78] 84] 94] 121] 141] 143] 182] 255] 299] 301] 420] 663	06
6	*kukun %*kukun dfoÜk] Hkfedk : vkpk; fo^houlfi iL_hin feJ$\frac{1}{2}$ $\frac{1}{4}d\frac{1}{2}$ Hk; vfr fuBij] feVk; igpkfu Mkjh ---$\frac{1}{4}7\frac{1}{2}$ $\frac{1}{4}[k\frac{1}{2}$ ghu Hk,_h ty ehu v/khu ----$\frac{1}{4}8\frac{1}{2}$ $\frac{1}{4}x\frac{1}{2}$ ehr Lt_hlu vuhr dj_h ftu-----$\frac{1}{4}9\frac{1}{2}$ $\frac{1}{4}*k\frac{1}{2}$ ifgy *lu–vkun L_hfp Lt_hu----- $\frac{1}{4}10\frac{1}{2}$ $\frac{1}{4}^3\frac{1}{2}$ rc rk_h Nfo i_hor t_hor g; ---$\frac{1}{4}13\frac{1}{2}$ $\frac{1}{4}p\frac{1}{2}$ ifgy viuk; Lt_hlu L_hg L_hk_h--- $\frac{1}{4}14\frac{1}{2}$	12

$\frac{1}{4}N\frac{1}{2}$ jkoj :i dh jhfr vui ---- $\frac{1}{4}15\frac{1}{2}$ $\frac{1}{4}t\frac{1}{2}$ vUrj vkp mliL rp:--- $\frac{1}{4}24\frac{1}{2}$ $\frac{1}{4}>\frac{1}{2}$ vfr L/kk: lug dk ekjx g: --- $\frac{1}{4}82\frac{1}{2}$ $\frac{1}{4}\neq\frac{1}{2}$ vrj ead ok Lh i: ick Lh dk Lk vrj g: --- $\frac{1}{4}86\frac{1}{2}$ jL[kku $\frac{1}{4}d\frac{1}{2}$ ekupek gkaS rk ogh 'jL[kfu' cLk ct xidy xko d' Xokju ---- $\frac{1}{4}[k\frac{1}{2}$ dkUg Hk; : l ckLjh d: vc dku Lf gedk pfgg ---- $\frac{1}{4}x\frac{1}{2}$ ejk Lkk; fprick dki ekbi jh yky fugkj d' cLh ctib ----	
TOTAL	60

Lg;d iLrd:-

- 1- fo4kifr : f'lo iLn fLg] ykdHkkjrh] bykgckn
- 2- t;L : fot; noukj; .k Lkg] fgUnLrku , dMeh] bykgckn
- 3- LQer : lk/kuk vkj Lfg; : jke itu frokj] KkueMy] okj.kLh
- 4- dchj : gtkjh iLn fJonh] jktdey idk'ku] fnYyh
- 5- vdfk dgkuh iie dh : i: ekkUke vxoky] jktdey idk'ku] fnYyh
- 6- LjnL : jkepæ "kDy] ukxjh ipkfj .kh LHKk] dk"b
- 7- ryLnL : jkepæ "kDy] ukxjh ipkfj .kh LHKk] dk"b
- 8- Lj Lfgr; : gtkjh iLn fJonh] jktdey idk'ku] fnYyh
- 9- ehjk dk dk0; : fo"oukFk f=iKBh] jktdey idk'ku] fnYyh
- 10- fcgkj : fo"oukFk iLn feJ
- 11- *kukuUn vkj LoPNUn dk0; /kkjk : eukgj yky xkM-

SEMESTER- II

CC3 :fgUnh Lfg; dk bfrg : vk/kfud dky

Course Outcomes

After the completion of the course, the student will be able to:

- CO1: vk/kfudrk d: dkyck/kd vkj eY; ck/kd vo/kkj.kk L ifjfr gks Ldx
CO2: fgnh x4 d: fodL esa HkkjrUn; ;x d: vonku L ifjfr gks Ldx
CO3: fJonh ;x esa [kMh ckyh fgnh dfork d: fodL d: Lo:i L ifjfr gks Ldx
CO4: fgnh dfork d: fofHkUu egloi .k i:ofÜk; k: d: LkFk fgnh x4 d: fodL L ifjfr gks Ldx

CC3 :fgUnh Lfg; dk bfrg : vk/kfud dky (Theory: 06Credits)		
Unit	Topics to be covered	No. of Lectures
1	• HkkjrUn; ,o fJonh ;x	08
2	• Nk;kokn	04
3	• ixfrokn] mÜkj Nk;kokn] i;ixokn] ubi dfork] LkBkÜkj dfork	12
4	• ledlyiu dfork 1/41980 L vkt rd1/2	12
5	• Lor=rk-i: fgnh x4 ,o mld fofo/k fo/kkvk: dk fodL	12
6	• Lokr«;kÜkj fgnh x4 ,o mld fofo/k fo/kkvk: dk fodL	12
TOTAL		60

Lg;d iLrd:-

- 1- HkkjrUn; gfj"plæ vkj fgnh uotkxj.k dh LeL; , : jke foyL "kek] jktdey idk'ku] fnYyh] 1984
- 2- Lfg; vkj bfrg nfeV : eutj ikM;] iivL fyVjLh] fnYyh] 1981
- 3- fgnh Lfg; : chLoh "Irieni : uUnnykj; okti; i] ykdHkkjrh] bykgckn] 1983
- 4- fgnh Lfg; vkj Lonuk dk fodL : jelo: i prionh] ykd Hkkjrh] bykgckn] 1986
- 5- dfork d: u; ifreku : ukeoj fLg] jktdey idk'ku] fnYyh] 1968
- 6- food d: jx : nioh "dj volFkh] jktdey idk'ku] fnYyh] 1965
- 7- nfyr Lfg; dk Lkin; i "kL= : vke idl"i okYehfd] jk/kkNe.k idk'ku] fnYyh] 2001

SEMESTER – III
CC5 :Nk;koknkÜkj fgUnh dfork

Course Outcomes

After the completion of the course, the student will be able to:

- CO1:** Nk;kokn d; ckn dh fgnh dfork d; fodl dh fofHkUu eiftyk l ifjpr gks Ldx
CO2: ml nkj d; egÜoi.k dfo; k; d; 0; fDrRo–NfrRo l ifjpr gks Ldx
CO3: ifBr dfo; k; d; dkO;xr of*keV; dh tkudkj gkxh
CO4: dforkvk; d; ikBxr fo*yek.k l viul vkykpuRed {kerkvk; dk fodl dj Ldx;

CC5 :Nk;koknkÜkj fgUnh dfork (Theory: 06 Credits)		
Unit	Topics to be covered	No. of Lectures
1	dinkjukFk vxoky - ek>h! u ctvk o*kh] og tu ekj; ugh; ejxk] ;fn vk;xk Mklyj] [kr dk n*]; pæxguk l ykVrh cj] clrh gok	10
2	ukxktü -f*ku rk ugh; vkrh] ckn; dk f*kn; n[kk g[[k;nj; ij('lu dh cinid(vdky vkj mld ckn(eaS rEg; viuk p;cu n;xk	10
3	jke/kkjh flg 'fnudj'– d#k= %4keB Lx	10
4	ek[kuyky pröinh–>juk(dñh vkj dkdyl(ul! dk R;kgkj %4gefjdjhVuh% l gh- ok- ^vK;^ - dyxh ctj dh(drdh iuk(Llu–eNyh] unh d; 3ij] LkekKh dk uoi:4 nku	10
5	Hkokuçlkn feJ- LriMk ds txy(xir–Qj*k %nLjk lrd j*kohj lg; - if<, xhrk(jkenL] gLk gLk tYnh gLk] urk {kek dj	10
6	x- ek- ^efäck/k'– e>; dne-dnej(e>; idjrh gbl idj fxjtk dej ekFkj– vkt gδ dLj jx jx; ou(c) %rkj lrd	10
TOTAL		60

lg;d iLrd :-

- çrfuf/k dfork, : dinkjukFk vxoky] jktdey çd'lü] fnYyh
- çrfuf/k dfork, : ukxktü] jktdey çd'lü] fnYyh
- d#k= : jke/kkjh flg fnudj] jktiky çd'lü] fnYyh
- dk;–dle : L x.k'kkun >k] xk;=h nioh] ekryky culj l nL çd'lü] iVuk
- LluV dk Nin : L v'ld okti;h] okXnioh çd'lü] chdkuj
- eu ,d eiyh delt gS : L unfid'kkj vkpk;] okXnioh çd'lü] chdkuj
- çrfuf/k dfork, : j*kohj lg;] jktdey çd'lü] fnYyh
- pkn dk eig V<k g; : x- ek- efäck/k] Hkkjrh; Kkuib çd'lü] fnYyh
- vk/kfud fgUnh dfork dk bñrgL : uin fd'kkj uoy] Hkkjrh; Kkuib çd'lü] fnYyh
- dfo vk; : uin fd'kkj uoy] jktdey çd'lü] fnYyh
- dfork d; u; çfreku : ukeoj flg] jktdey çd'lü] fnYyh
- u;h dfork vkj vflRookn : jkefoyl 'kek] jktdey çd'lü] fnYyh
- rkj lrd : L vk;] Hkkjrh; Kkuib çd'lü] fnYyh
- nLjk lrd : L vk;] Hkkjrh; Kkuib çd'lü] fnYyh
- nLjk lrd : L vk;] Hkkjrh; Kkuib çd'lü] fnYyh
- vk/kfud lfg; dh çofÜk; k; : ukeoj flg] ykdHkkjrh çd'lü] bykgkckn
- fgUnh lfg; vkj lonuk dk fodl : jelo:i pröinh] ykdHkkjrh çd'lü] bykgkckn
- vk/kfud fgUnh lfg; dk bñrgL : y{elLxj oke.k;]
- fgUnh dkO; Lehkk d; çfreku : eg*k frokjh] ok.kh çd'lü] fnYyh

CC6 :Hkkjrh; ,o; i'pl; dkO; *kkL=

Course Outcomes

After the completion of the course, the student will be able to:

- CO1:** dkO; Lc/kh fofHkUu Hkkjrh; ,o; i'pl; fooknk; l ifjpr gks Ldx
CO2: dkO; d; fofHkUu Hknk; l ifjpr gks Ldx
CO3: dkO; d; fofHkUu midj.kk–vydkj–Nn vkfn dk ifjp; iklr dj Ldx;

CO4: dk0; Lc:/kh viui vkykpukRed pruk dk fodl dj Ldx

CC6:Hkkjrh; ,o: il*pl; dk0; *kkL= (Theory: 06 Credits)		
Unit	Topics to be covered	No. of Lectures
1	Hkkjrh; dlo; *kkL= dk bfrgkL: Llell; ifjp; (dk0; y{k.k(dk0; gruj dlo; -ç;ktu	08
2	dk0; -Hkn] *in- *ifä] dk0; -x.k] dk0; -nkek	08
3	jLvyd[k]jhr]eofu] oØkfä vkj vkfpr; fL)krk dk Llell; ifjp;	16
4	çe[k vydkjki di y{k.k mnkgj.k;ed] miek] : id]mrç{kk] Hkkofreku] Uyek]vLxfr]fojkekkHkkL] vîr'i;ifä] foHkkouk] ekuohdj.k çe[k Nanksa di y{k.kmnkgj.k-nkgjpkikÄ] jkyk] LkjBlj dfoUk] Lo;ijNli;] dMfy;]kj]cjo]mYykyk	08
5	il*pl; dk0; *kkL= dk bfrgkL : LkekU; ifjp; lyVkjvjLr] yitibul dh dk0; Lcèkh ekU;rk, ,o il)r	10
6	oM:LoFk] d,yfjt] Økp; ,o bfy;V dh dlo; Lcèkh ekU;rk, ,o il)rA	10
TOTAL		60

Lg;d ilRdi :

- 1- dlo; di rRo : vpk; nsosaæukFk "kei] ykdHkkjrh çdi"lu]bylgcin
- 2- Hkkjrh; Lfgr; *kkL= dk*k : M,- jkto*k Lg; *ghjk*] fcgkj Çgnh xæFk vdkneh]iVuk
- 3- Hkkjrh; vkykpuk- *kkL= : M,- jkto*L Lg; ^ghjk*] fcgkj Çgnh xæFk vdkneh] iVuk
- 4- il*pl; Lfgr; *kkL= dk*k : M,- jkto*k Lg; ^ghjk*] fcgkj Çgnh xæFk vdkneh] iVuk
- 5- Lfgr;kykpu :M,- ;e Lnj nkL] LrL Lfgr; eMy çdk"lu] uA fnYyh
- 6- Hkkjrh; dk0; : Çpru] M,- "kkHkk dkr feJ] vuie çdi"lu] iVuk
- 7- il*pl; dk0; *kkL= : M,- rkjdukFk ckyh] ok.kh çdk"lu] uA fnYyh
- 8- Hkkjrh; dk0; *kkL= ,o: il*pl; Lfgr; : Çpru] M,- Lhkir feJ] t;Hkkjrh çdi"lu] bygkckn
- 9- il*pl; Lfgr; Çpru : fueiyk tu] jkèkk-e.k çdk"lu] uA fnYyh
- 10- vjLr dk dlo; *kkL= : vuoknd: M,- uxæ ,o egasæ prjoi]h] Çgnh vuLèku ifjekn] fnYyh foÜofo4ky;]uA fnYyh

CC7:Çgnh dh Lfgr;d fo/kk,; : mn-Hko vkj fodl

Course Outcomes

After the completion of the course, the student will be able to:

- CO1:** Lfgr; di fofHkUu fo/kkvksa di Lo:i vkj birgkL L ifjfr gks Ldx
CO2: fofHkUu fo/kkvksa dh fof"keVrk vkj egUo L ifjfr gks Ldx
CO3: fo/kkvksa di fodkl vkj vk/kfudrk L mld Lc/k dks le> Ldx
CO4: fofHkUu fo/kkvksa di chp di vrj dks le> Ldx

CC7:Çgnh dh Lfgr;d fo/kk,; : mn-Hko vkj fodl (Theory: 06 Credits)		
Unit	Topics to be covered	No. of Lectures
1	Lfgr;dLo:i : Lf{lrifjp; ¼ Hkndy{k.k,orUo - Hkkjrh; ,oik*pl;er½	06
2	ÇgnhdhLfgr;d fo/kk,; : LkekU; ifjp; ,omnHkovkjfodl i4 : egkd0;] [k.Mdk0;] eädd0;] pEid0;] LQVd0;	16
3	xhfr dk0;]çxh] u;h dfork] uoxhr	06
4	x4mli;il] dgkuh] ukVd] ,dkdh] fucèk]vkykpuk] ;k=k-oUkkr	16
5	i=-Lfgr;] Mk;jh] fjikrk]t] j[kkfip=@*kènfip=] Llej.k] thouh] vkRedFkk	08
6	Lfgr;d foèkkvksa evirj • egkd0; vkj [k.Mdk0; • çcèk dlo; vkjeädd0; • mli; kLvkdgdguh • ukVd vkj ,dkdh • Llej.kvkj; k=k-oUkkr	08

	• thouhvkvRedFkk • j[kfp= vkjLLej.k	
	TOTAL	60

Lg;d iLrdi :

- 1- Çgnh Lfgi; dk bîrgiL jkepæ "lDy] ukxjh çpkfj.kh [Hkk] dî"i
- 2- Çgnh Lfgi; dk bîrgiL Liind M,- uxæ] iijcd
- 3- Lfgi;kykpu] M,- "leLnj nîL] ykdHkkjrh çdk"lu] bykgkckn
- 4- dfork D;k gS] foUoukFk çLn frokjh] jktdey çdk"lu] u;h fnYyh
- 5- Lfgi; foëkkvk dh vr: ç-fr] M,- gfjeigu
- 6- Çgnh dk x4 Lfgi;] jkepæ frokjh] foUfo4ky; çdk"lu] u;h fnYyh
- 7- dfork d: u; çfreku] ukeoj (Lg] jktdey çdk"lu] u;h fnYyh
- 8- Çgnh x4 : fol;L vkj fodkL] jkeLo#i pröinh] ykdHkkjrh çdk"lu] bykgkckn
- 9- Hkkjrh; ,oi il"pi; dkO; (L)ir-x.iiir paæ xlr] ykd Hkkjrh çdk"lu] bykgkckn
- 10- Çgnh mî;L dk fodkL] eëkj;"k] ykdHkkjrh çdk"lu] bykgkckn
- 11- Çgnh dgkuh dk fodkL] eëkj;"k] ykdHkkjrh çdk"lu] bykgkckn
- 12- Çgnh vkykpuk dk fodkL] eëkj;"k] ykdHkkjrh çdk"lu] bykgkckn
- 13- u;h dfork] unnykj; öti;h] ykdHkkjrh çdk"lu] bykgkckn
- 14- Çgnh Lfgi; : mnHko vkj fodkL] gtkjh çLn {onh] jktdey çdk"lu] u;h fnYyh
- 15- Çgnh dkO; dk bîrgiL : jkeLo: i pröinh] jkt dey çdk"lu] u;h fnYyh
- 16- Çgnh ukVd] cPpu Lg : jkëkk-e.k çdk"lu] u;h fnYyh
- 17- Çgnh Lfgi; dî"i : L: M,- èkhjæ oeki ¼çëkku½] KueMy fyfeVM] öj;L
- 18- Çgnh vkykpuk dh ikfjHkkfekd "ienloyh : M,â vejukFk] jktdey çdk"lu] u;h fnYyh
- 19- ÇgnhdgkuhdkfodkL : M,-xkilyj;] jktdey çdk"lu] u;h fnYyh

SEMESTER – IV

CC8 :Çgnh Hkkekk : mnHko vkj fodL

Course Outcomes

After the completion of the course, the student will be able to:

- CO1:** Hkkjrh; Hkkekk-fpru ijEijk L ifjpr gks Ldx
- CO2:** vk/kfud Hkkjrh; Hkkekkvk dh mnHko ,o fodkl dh ifØ;L dk le> Ldx
- CO3:** fgUnh] mnwZ] fgUnLrkuh fookn dî ,frgfLd Lo:i L ifjpr gkæx
- CO4:** nouxjh fyfi L lc) rF; k d LfK fcgkjh ckfy; k L ifjp; iklr dj Ldx

CC8 :Çgnh Hkkekk : mnHko vkj fodL (Theory: 06 Credits)		
Unit	Topics to be covered	No. of Lectures
1	• ioi Hkkekk-Çpru dh ijij : ikf.kfu] Hkr'igfj vkj fnxulx dk Hkkekk foek;d Çpru • vkëkfud Hkkjrh; Hkkekkvk dh mnHko vkj Hkkjki; Hkkekk ifjokj	10
2	• eè; n"i esa vkëkfud Hkkekkvk dh fodkL] çk-r vkj viHk"i L mudk Lcèk rFkk Çgnh tkfr dh voëkkj.kk • viHk"i jktLFkkuh] voëkh] ct rFkk [kMh ckyh dk Hkkçxkfyd ifjp; ,o mudh Uell; fo"kekrk;	16
3	• uotxj.k vkj vkëkfud Çgnh vnkyu : Çgnh] mnwZ] ÇgnLrkuh	12
4	• vU; Hkkjrh; Hkkekk, vkj Çgnh Hkkekk dh fo"iVri vkj ,drk	06
5	• Lfoëku esa Çgnh] jktHkkekk] jkeVHkkekk ,o Lid Hkkekk dî :i esa Çgnh	08
6	• nouxjh fyfi dh fo"kekrk, vkj ekudhdj.k dk ç'u • fcgkj dh çe[k ckfy;k	08
	TOTAL	60

Lg;d iLrdi :

- 1- Hkkekk vkj let : jlefoyl "kek
- 2- Çgnh Lkfg; dk vkfndky - gatkjh çlin f}onh
- 3- ijkuh Çgnh : pæekj "lek xyjh
- 4- Hkkjrh; vk; Hkkekk vkj Çgnh : Luiri dekj pvti
- 5- Çgnh mnHko fodlL ,o : i : gjno ckgjh
- 6- Çgnh Hkkekk : M, HkkykukFk frokjh
- 7- jktLFkkuh Hkkekk dk mnHko vkj fodlL : M,- nkekny yky "lel
- 8- Çgnh Hkkekk dk birgl : èkhjææ oek
- 9- jktHkkekk Çgnh : M,- HkkykukFk frokjh

CC9 :Çgnh mil;L

Course Outcomes

After the completion of the course, the student will have to:

- CO1: Hkkjrh; ifji; esa fgUnh mil;L di fodlL dk le> Ldx
- CO2: iepin di ^xcu* mil;L di Hkkoxr i"lvi Lo:i di LkFk mLe fufgr ; FkkFkL dk tku Ldx
- CO3: tluUæ ; "iy vkj eUu HkMkj di mil;L di egUo L ifjfr gks Ldx
- CO4: js.kq di mil;L di of"keV; L ifjfr gks Ldx

CC9 :Çgnh mil;L (Theory: 06 Credits)		
Unit	Topics to be covered	No. of Lectures
1	Hkkjrh; mil;L vkj fganh mil;L	04
2	xcu - iepin	12
3	R;ksi= - tluUæ	08
4	fnO;k; "ikiy	12
5	egHkkkt-eUu HkMkj	12
6	tyl-Q.kh"ojukFk js.kq	12
TOTAL		60

Lg;d iLrdi :

- 1- xcu] çepin] ykdHkkjrh çdi"lu] bykgckn
- 2- R;ksi=] tluUæ] Hkkjrh; KkuhB] uA fnYyh
- 3- fnO;k; ; "iy ykdHkkjrh çdi"lu] bykgckn
- 4- egHkkkt] eUu HkMkj] jkèkk-e.k çdi"lu] fnYyh
- 5- tyl]Q.kh"oj ukFk js.kq] jktdey çdi"lu] fnYyh
- 6- çepin vkj mudk ;x] M,- jlefoyl "kek] jktdey çdi"lu] fnYyh
- 7- mil;L Lo:i vkj Lonuk] jktæ ;kno] ok.kh çdi"lu] fnYyh
- 8- tluUæ di mil;L] ijekun JhokLro] ykdHkkjrh çdi"lu] bykgckn
- 9- mil;L dh Ljpuk] xikiy jk;] jktdey çdi"lu] fnYyh
- 10- Çgnh mil;L u;k ikB] geir ddjrh] ok.kh çdi"lu] fnYyh
- 11- çepin vkj Hkkjrh; let] L- ukeoj (Lg] jktdey çdi"lu] fnYyh
- 12- mil;L dh jpuk çfØ;k] ijekun JhokLro] ykdHkkjrh çdi"lu] bykgckn
- 13- Çgnh mil;L dk fodlL eekj;"k] ykdHkkjrh çdi"lu] bykgckn
- 14- tluUæ dekj : Çpru vkj Ltul eekfjek dkyh] jkx çdi"lu] fnYyh
- 15- çepin : ,d Lkfg; d foopu] uinn;ykj; okti;] jktdey çdi"lu] fnYyh
- 16- vulLDr vkfLrd : tluUæ dh thouh : T; kfrek tk"kh] jktdey çdi"lu] fnYyh

CC10 :fginh dgkuh

Course Outcomes

After the completion of the course, the student will be able to:

- CO1: fgUnh dgkuh dı fodiL dks ikB dı ekè;e l le> Ldxı
 CO2: viu le; dı Lfı dgkuh dı Lokn dı Lo:i dks le> Ldxı
 CO3: ifBr dgkfu; k dı dgkuhdjkı dk ifjp; ilır dj Ldxı
 CO4: dgkfu; k dk ikBk/kkfjr fo*yek.k dj Ldxı

CC10 :fgınh dgkuh (Theory: 06 Credits)		
Unit	Topics to be covered	No. of Lectures
1	mLu dgk Fkk pæækj *kek xıyjh(il dh jkr : çepn(vldk*knıı : t;*ıdj çLn	14
2	ıitc : tuuæ(*k.j.knrk : vK;	08
3	fel icy : ekıgu jkd*k(fLwk cny x;k : -e.kk Lkcrh	10
4	nkıgj dk Hkketu :vejdr(rıLjh dle : Q.kh*oj ukFk js.kq	12
5	HkfM; : Hkou*oj(phQ dh nkor : Hkhee Lguı	08
6	dkLh dk *kVokj : *k[kj tk*kh(firk : Kkujtu	08
TOTAL		60

Lg;d ıLrdı :

- 1- dgkuh : uÅ dgkuh] ukeoj Lg
- 2- çırfufek dgkfu; k : L- M,- fnu*k çLn (Lg] ekrhyky cukjLınlı] iVuk
- 3- ;ı-th-Lı: uV] tvkj,Q] Çgnh ııBıØe esa *kfey Lııı.kı dgkfu; k : egıæ (Lg] t,u; fnYyh
- 4- ,d nfu; k Lekuıııı : y[kd-jktæ ;kno
- 5- eluLjıoj Hkkx-1 :y[kd-çepn

SEMESTER – V

CC11 :fgınh ukVd ,oı jıxep

Course Outcomes

After the completion of the course, the student will be able to:

- CO1: bl i= dı ekè;e l vki ukVd ,oı jıxep dı Lc/k dı Lo:i dks le> Ldxı
 CO2: fgUnh ukVd dı fofHkUu : ıı dı Lfı fcgkj dh fo*kek ukV; *kfy;k l ifjpr gks Ldxı
 CO3: ifBr ukVdkı dı ukVddjkı dk ifjp; ilır dj Ldxı
 CO4: ukVdkı dı ikBk/kkfjr fo*yek.k dı jıjkı vııı vkykpukRed {kerk dk fodiL dj Ldxı

CC11 :fgınh ukVd ,oı jıxep (Theory: 06Credits)		
Unit	Topics to be covered	No. of Lectures
1	ukVd ,oı jıxep : vrLcèk vkıj vr}n(Çgnh jıxep dı fodiL dh : ıı[Lıı Çgnh ukVd dı fofHkUu : ıı dı dk ifjp;(fcgkj dh fo*kek ukV; - *kfy;k vkıj jıxep	16
2	vèkj uxjh : Hkkjıııı gıj*ıpæ	08
3	Ldnxıı : t;*ıdj çLn	10
4	vkekkaı dk ,d fnu : ekıgu jkd*k	10
5	dchjk [kMk cktkj esa : Hkhee Lguı	08
6	dk.kkdı: txnı pæ ekFkj	08
TOTAL		60

Lg;d ıLrdı :

- 1- ulVı*ıL= dh Hkkjııı; ııııı vkıj nı: ıııı vkpk;ı gıkjı çLn fııııı] jıktdey çdı*ıı uÅ fnYyh
- 2- ukVd vkıj ulVı *kfy;k] nııııı nhf[kr] Lıgı; Hkou] bykgkckn

- 3- jixep dyk vkij şfeV] M,- xkÇon pkrd] r{fi"lyk çdi"lu] uÃ fnYyh
- 4- vkt d; Çgnh ukVd ifjo" k vkij dA ş"; t; no rui"tk] r{kf"lyk çdk"ku] uÃ fnYyh
- 5- Çgnh ukVd dk vkRe L; *kek] [xj"i jLrkxh] ykdHkkjrh çdi"lu] bykgkckn
- 6- jxn"ku] uehpæ tu] ok.kh çdi"lu] uÃ fnYyh
- 7- Çgnh ukV; ifjn"; L- M, èkhjææ "ldy] çdi"lu LLFkk] uÃ fnYyh
- 8- Hkkjrh; uVî fL)ir mnHko vkij fodiL] M,- jketh ikMi] fcgkj jkeVHkkekk ifjekn] iVuk
- 9- jx oipkfjdih :-u, LinHkkæ esa] Lind vk"kk] vuU; çdi"lu] uÃ fnYyh
- 10- vâekj uxjh] Lind ijekun JhokLro] ykdHkkjrh çdi"lu] bykgkckn
- 11- vâekj uxjh : Lonuk vkij f"iyi] fL)uifi dekj] vuie çdi"lu
- 12- Ldnxlr : Lonuk vkij f"iyi] fL)uifi dekj] vuie çdi"lu
- 13- vkekk<: dk ,d fnu : fo"yek.k-foopu] Lind fL)uifi dekj] vuie çdi"ku] iVuk
- 14- êkeioh] Hkkjrh vkij mudk vâekj;ix] M,- yfe.k nUk xkre] v"lid çdi"lu] uÃ fnYyh
- 15- çLn d; ukVdkæ dk iueiY; kdu% çLn d; ukVd½] fL)uifi dekj] vuie çdi"lu
- 16- vkêkfud Çgnh ukVd dk vxnr ekgu jkd"ki] M,- xkÇon pkrd] jkêkk-e.k çdi"lu] uÃ fnYyh

CC12 :fgnh fuci/k ,o vU; x4-fo/kk,

Course Outcomes

After the completion of the course, the student will be able to:

- CO1:** fgUnh fuci/k d; fofHkUu : ik dk ikBxr ifjp; iklr dj Ldx
CO2: fgUnh fuci/k d; of"keV; L ifjfr gks Ldx
CO3: fgUnh fuci/kdkjkæ d; O;fDrRo ,o ÑfrRo dk ifjp; iklr dj Ldx
CO4: fuca/kksa d; ikBxr fo"yek.kkæ L viuh vkiyupukRed {kerk d; LkFk viu x4-y[ku dk fodflr dj Ldx

CC12 :fgnh fuca/k ,o vU; x4-fo/kk, (Theory: 06 Credits)		
Unit	Topics to be covered	No. of Lectures
1	- dNvk-êke-pæekj "kek xyjh - mrlg- jkepæ "ldy	16
2	- nonk:-gtkj çLn f}onh - egkdfo t;ldj çLn-f"koitu lg;	12
3	- jft;k] jkeo{k cuhih - Çgnh dfork vkij Nn-jkêkkjh lg fnudj	12
4	^jek* ivrir d; pyfp= L%-egknoh oekZ - fdUuj n"i ij ,d ,frgkld şfeV ¼^fdUuj n"i eas L%-jkgy Lk-R;k;u	12
5	- ejh ekj u; e;>: çepn dk Hkâ cuk;k - efâckèk ^cdye [kin* dk 'xi-'i' ikB-M,- ukeoj lg	08
TOTAL		60

Lg;d iLrdi :

- 1- Çgnh x4 : fol; kL vkij fodkL] M,- jkeLo: i prjoih
- 2- Nk; koknkUkj Çgnh x4 Lfgr;] foUoukFk çLn frokjh
- 3- Çgnh dk x4 Lfgr;] jkepæ frokjh
- 4- vkêkfud Çgnh x4 Lfgr;lgjn;ly
- 5- egknoh dk x4 Lfgr;]le[luyty "kek
- 6- vkêkfud Çgnh- Lfgr;]y[ehLxj oke.k; ;
- 7- Çgnh x4 dk mnHko vkij fodiL] fot;æLukrd
- 8- pæekj "kek xyjh: 0;fâro vkij -frRo] ih;ek xyjh
- 9- ikjffHkd jpuk, : ukeoj fLg ¼L- Hkkjr ;k;koj%] jktdey idi"ku] fnYyh

SEMESTER – VI

CC13 :fg;nh dh LkfgR; d i=dkfjrk

Course Outcomes

After the completion of the course, the student will be able to:

- CO1: fgUnh i=dkfjrk d; fodl esa fgUnh LkfgR; dkjk d; ; kxnku L ifjfpr gk Ldx
 CO2: fgUnh i=dkfjrk d; fgUnh LkfgR; d; fodl esa ; kxnku L ifjfpr gk Ldx
 CO3: fofHkUu ; xk eas fgUnh dh LkfgR; d i=dkfjrk d; fodl d Lo:i L ifjfpr gk Ldx
 CO4: fgUnh dh dN egUoi. k i= if=dkv L fo*kek :i L ifjfpr gk Ldx

CC13 :fg;nh dh LkfgR; d i=dkfjrk (Theory: 06Credits)		
Unit	Topics to be covered	No. of Lectures
1	- LkfgR; d i=dkfjrk : vFk] voèkkj.kk] vkj egUo- - LkfgR; d i=dkfjrk dk of*keVt	08
2	- Hkkjrnq ; xhu LkfgR; d i=dkfjrk : ifjp; vkj çofr;k - f3onh ; xhu LkfgR; d i=dkfjrk : ifjp; vkj çofr;k	12
3	- çepn ; xhu LkfgR; d i=dkfjrk : ifjp; vkj çofr;k - Lokri; ; kUkj LkfgR; d i=dkfjrk : ifjp; vkj çofr;k	12
4	- Ledkyhu LkfgR; i=dkfjrk : ifjp; vkj çofUk;k - LkfgR; d i=dkfjrk esa vuokn dh Hkfedk	12
5	Çgnh dh egRo i. k i= if=dk, : ¼d½ (gnçñi]LjLori]çrñi]deoi]	08
6	Çgnh dh egRo i. k i= if=dk, ; k [k] fo*ly Hkkjr] dYiuk] gL] igy] vkykpukA	08
TOTAL		60

Lg; d iLrdi :

- 1- LkfgR; d i=dkfjrk : T; kfrek tk*kh] ok.kh çdi*lu
- 2- LkfgR; d i=dkfjrk dk ifjs* ; : L- v#.k frokj
- 3- i=dkfjrk d; mUkj] vkèkfud pj.k : -ik*idj pkCs
- 4- fcgkj dh Çgnh LkfgR; d i=dkfjrk : dY;k.k diej >k] LkfgR; dyk Lxe] cfr;k
- 5- Çgnh i=dkfjrk : tiri; pruk vkj [kMh ckyh LkfgR; dh fuekl.k Hkwfe : M, -e.k fcgkj feJ] Hkkjrh; KkuibH çdi*lu
- 6- vkpk; egkohj çLn f3onh vkj LkfgR; d i=dkfjrk : bæLu Lg
- 7- Hkkjrnq vkj fgUnh uotxj.k : jlefoyl *kek] jktdey idk*lu] fnYyh
- 8- egkohj iLn f3onh vkj fgUnh uotxj.k : jlefoyl *kek] jktdey idk*lu] fnYyh

CC14 :i;ktueyd fganh

Course Outcomes

After the completion of the course, the student will be able to:

- CO1: fgUnh Hkkekk d; i;ktueyd Lo:i ; o; mld O;ogkj {k= L ifjfpr gk Ldx
 CO2: i;ktueyd fgUnh d; fofHkUu idkj; dh tLudjñ iklr dj Ldx
 CO3: Ljdjñ dk; ky; k; ; o; l; loLk; d dk; k; eas fgUnh d; mi; kx dk dk*ly iklr dj Ldx
 CO4: fgUnh d; ikfjHkkfekd *kênk d; fuekl.k] mld ifØ; k vkj t: jrk L ifjfpr gk Ldx

CC14 :i;ktueyd fganh (Theory: 06 Credits)		
Unit	Topics to be covered	No. of

		Lectures
1	i;ktueyd Çğnh : Lo: i]; ogkj {k=] "kfkd LınHki : mî"; vkj Lhek(ekr"Hkkekk ,o: vU; Hkkekk d: i eas Çğnh) ckyph dh Llek; Çğnh) ekud Çğnh vkj Lfign; d Çğnh) Lfoëkku eas Çğnh	12
2	Çğnh dh "ify; k : Çğnh) mnwZ vkj ÇğnLrkuh(Çğnh dk ekudhdj.k	06
3	ç;ktueyd Çğnh d: çe[k çdkj : dk; ky; Çğnh vkj mld çe[k y{k.k}oKkfud Çğnh vkj mld çe[k y{k.k(l; loLf; d Çğnh vkj mld çe[k y{k.k(O; kogkfjd Çğnh vkj mld çe[k y{k.k(Lp; ekë; e %vkdk"kok.kh) njn"ku]pyfp= dh fğnh vkj mld çe[k y{k.k	12
4	fğnh d: ç; kx {k= : Hkkekk ç; fä dh LdYiuk} oKkfud vkj rduhdh Çğnh dh ç; fä; vU; i; fä; k-okf.kT;] cçdx) fofek ,o: U; k; {k= dh Çğnh	12
5	Hkkekk O; ogkj : Ljdj; i=kpkj) fVli.kh y[ku] eLknk y[ku] cBdæ vkj çronu il: i.k] Lij-y[luj fOkkiu-y[ku] Ljdj; vkj O; koLkf; d i= y[ku	12
6	Çğnh esa ikfjHkkfekd "in fuek.k(ifØ; k ,o çLrfr	06
	TOTAL	60

Lg; d iLrd:

- 1- ç;ktueyd Çğnh) ekëko LkuVw; ykdHkkjrh çdi"lu] bygkckn
- 2- ç;ktueyd Çğnh) jkefd"kkj "kek] "; lei çdi"lu] bygkckn
- 3- Çğnh Hkkekk dk ç;ktueyd Lo: i] M,- piæ HkkfV; k] Lfign; Hkou
- 4- ç;ktueyd Hkkekk dk; ky; Çğnh) -e.k dekj xkLokeh) dçyxk çdi"lu] fnYyh
- 5- ç;ktueyd dkedt; Çğnh) M,- dy" k piæ HkkfV; k- r[if"iy; çdi"lu- uÄ fnYyh
- 6- ç;ktueyd Çğnh : Ljpuk vkj vuç; kx] M,- jkeçdk" k] M- fnu" k xlr] jkëkk-e.k çdi"lu
- 7- ç;ktuh Çğnh) L; çLln nhf{kr} Hkkjr çd Lj] y[kuÄ
- 8- ç;ktueyd Çğnh dk vè; u] Liind L"iy; xlrk] t; Hkkjrh çdi"lu] bygkckn
- 9- ehfM; k dh Hkkekk] oLëkk xkMfxy
- 10- çk: i.k] "lLd; i=kpkj vkj fVli.k-y[ku fofek] jktæ çLln JhokLro
- 11- vk/kfud Çğnh O; idj.k vkj jpuk] M,- okLno unu çLln Hkkjrh Hkou] iVuk

SEMESTER - I

MIL Hindi

Credit 02

Full Marks 100

Course Outcomes

After the completion of the course, the student will be able to:

- CO1: fğnh Hkkekk dh /ofu; k] fyfi vkj oÜkiuh dk ifjp; çklr djæ;
- CO2: fğnh-y[ku d: vud : i k - fuc/ k] L{k. i] iYyou] vock/ k vkfn dh tluclj; çklr djæ;
- CO3: ç;ktueyd fğnh d: dN mi; kxh : i k L ifjpr gkæ;
- CO4: fğnh dh dN jpukvk d: vkLoknu L viui Lonuk dk foLrkj dj Ldx;

MIL Hindi (Theory: 02 Credits)		
Unit	Topics to be covered	No. of hours
1	fğnh dh /ofu; k] vkj mld çdkj] mPpkj.k] fyfi dh vio"; dr] fğnh Hkkekk vkj noukxjh fyfi] noukxjh fyfi dh fo"kekrk; , vkj mld ekudhdj.k dk ç'u	04
2	fuc/k-y[ku] L{k. i] iYyou] vock/ k] fğnh eigkoj; vkj dgkor] fğnh L vx; t; vkj vx; t; L fğnh vuokn	04
3	dk; ky; fğnh : Ljdj; i=kpkj] fVli.k] ç: i. l %eLknk y[ku] jktHkkekk] jkT; Hkkekk] Lid Hkkekk] Lfo/kku dh veVe vulph vkj mld fufgrkFk	04
4	fğnh dh p; fur x4 jpuk; , ¼d½ dgkuh : ^cVkoky; fo/kok* %çepn; ¼k½ fuc/ k : ^Hk; * %jkepæ "Dy	08

	$\frac{1}{4}x\frac{1}{2}$ yfyr fuci/k : ^xig vki xyk* $\frac{1}{4}$ jkeo{k cuhijh $\frac{1}{2}$ $\frac{1}{4}k\frac{1}{2}$ llej.k : ^Jh jkgy Lk-R;k;u* $\frac{1}{4}$ jke/kkj h fLg fnudj $\frac{1}{2}$ $\frac{1}{4}3\frac{1}{2}$ 0;ix fuci/k : ^Lnkpj dk richt* $\frac{1}{4}$ gfj*kdj ijLkb $\frac{1}{2}$ $\frac{1}{4}p\frac{1}{2}$,dkdh : ^ckcj dh eerk* $\frac{1}{4}$ nioUæukFk *ke $\frac{1}{2}$	
5	fginh dh p;fur dfork, : dk0;k*k $\frac{1}{4}d\frac{1}{2}$ dchj : L[L] : ^dj.kh fcuk dFk.kh dki vx* rFkk ^dFk.kh fcuk dj.kh dki vx* $\frac{1}{4}$ dchj xæFkkoyh : Likhnd ekrk çLin xlr $\frac{1}{2}$ $\frac{1}{4}k\frac{1}{2}$ efyd egEen tl;L : ^eMi xeu [kM* $\frac{1}{4}$ inekor : L okLino 'j.k vxoky $\frac{1}{2}$ $\frac{1}{4}x\frac{1}{2}$ ryLi : ^/kuæk-Hkæx çLx* : 'jlepjrelul* $\frac{1}{4}$ xhrk çL] xkj[kij $\frac{1}{2}$ dk ckydkM : nkkg L[;k 250 L 264 rd $\frac{1}{4}k\frac{1}{2}$ Hkkjrrn : Hjr-nn* $\frac{1}{2}$ $\frac{1}{4}3\frac{1}{2}$ L;dkr f=ikBh fujkyk : ^jkt us viul j[kokyh dh* $\frac{1}{4}p\frac{1}{2}$ jke/kkj h fLg fnudj : ^v*kVu *kVuk D;k Lek/kku* dfork $\frac{1}{4}$ ckii* uked Lxg L $\frac{1}{2}$	10
	TOTAL	30

GE1 : ykd LkfgR;

Course Outcomes

After the completion of the course, the student will be able to:

CO1: Hkkjrh; lek eas ykd d Lo:i vkj mld egUo dki le> Ldx:

CO2: ykd dh LLNfr vkj mld fofHkUu : iki dh tkudkjh iklr dj Ldx:

CO3: ykd Hkkekk d egUo L ifjfr gkaxs

CO4: ykd vkj f*leV LkfgR; d vrj ,o vrlLc/k dki le> Ldx

GE1 : ykd LkfgR; (Theory: 06 Credits)		
Unit	Topics to be covered	No. of Lectures
1	ykd vkj ykdokrk] ykd LL-fr dh voëkkj.kk] ykdokrk] vkj ykd LL-fr] ykd LL-fr vkj LkfgR;] LkfgR; vkj ykd dk vr: Lcèk] ykd LkfgR; dk vU; LkfgR; foKkukæ L Lcèk] ykd LkfgR; d; vè;;u dh leL;k,	16
2	Hkkjr eas ykd LkfgR; d; vè;;u dk bfrgkL] ykd LkfgR; d; çel[k : iki dk oxÊdj.kA ykd xhr : LLdkjxhr] orxhr] Jexhr] _rxhr] tfrxhA	12
3	ykdVî : jkeyhyk] jLiyiy] fdrfu;k] Lokx] ;{kxku] fonf*k;k] HkkaM] rel*ki ukVidhA Çgnh ykdVî dh ijEijk ,o çfofêkA Çgnh ukVd ,o jxep ij ykdVî dk çHkkoA	12
4	yddFk : ordFk] ifjdFk] ukx-dFk] dFk : f<;k vkj vLèfoÜokLA	08
5	ykdHkkekk : ykd LkfgR; egkoj] dgkor] ykd fä; k] igfy; lA	08
6	ykdur; ,o ydLxhA	04
	TOTAL	60

Lg;d iLrd:

- 1- ykd : ih;ek nb;k $\frac{1}{4}$ L $\frac{1}{2}$
- 2- ykd dk vkykd : ih;ek nb;k $\frac{1}{4}$ L $\frac{1}{2}$
- 3- ykd LkfgR; dh Hkfedk : /khjUæ oek
- 4- ykd LkfgR; : LR;Uæ
- 5- Hkkjrh; ykd LkfgR; : 'e ijejk
- 6- ikjifjd ykd-ukV; : txni"i pUæ ekFkqj
- 7- ykd LkfgR; dh LLNfrd ijEijk : eukgj *kek

GE2 : Q.kh*oj ukFk js.kq

Course Outcomes

After the completion of the course, the student will be able to:

CO1: Q.kh*ojukFk js.kq dk fgUnh x4] fo*kekr: dFkk Lkfg; d vuB dydkdj d :i eæ ifjp; iklr djx

CO2: mud; mil;l vkj dgkuh L rRdkyhu xkeh.k let d; lokxi.ki le> fodflr gkxh

CO3: js.kq us fjikrk;t fo/kk dk dL le> fd;k] bl le> Ldx;

CO4: fgUnh dFkk Lkfg; d; Hkhrj js.kq d; ;kxnu dk eY;kdu dj Ldx

GE2 : Q.kh*oj ukFk js.kq (Theory: 06 Credits)		
Unit	Topics to be covered	No. of hours
1	• mil;l - fdru pkjkg;	15
2	• mil;l - tyl	15
3	• dgkfu;k - BL ipyV] yky iku dh cixe] lofn;k] jlf;] ,d vkfne jkf= dh egd] fljpeh dk lxu] igyoku dh <kyd] jly felrjh] yQMk	20
4	• fjikrk;t - .kty ekuty ¼ikj;fHkd ikp ikB½	10
TOTAL		60

Lg;d iLRd:

- 1- Q.kh*ojukFk js.kq : LtU vkj Lnhkl : v"ld dekj vkykd] vk/kkj idl"u
- 2- Q.kh*ojukFk js.kq dh dgkfu;k eas vkpydrk : ,p- lgnO dkcy] veu idl"u
- 3- Q.kh*ojukFk js.kq : O;fDrRo ,o; NfrRo : MkW- gij"ldj n;c] fodl idl"u
- 4- Q.kh*ojukFk js.kq vkj eyk vkpy : xkiky jk;] u"luy ifey"lx gml
- 5- Q.kh*ojukFk js.kq dk dFkk i"i : MkW- js.kq Lg] jktLFkkuh xFkxkj
- 6- dFkdkj Q.kh*ojukFk js.kq : MkW- pUæHkku Lkuo.k] ip"ly idl"u
- 7- Q.kh*ojukFk js.kq dh mil;l dyk : dle LkqV] oLefr idl"u

Discipline Specific Elective (DSE)

- 1- ykd Lkfg;
- 2- vflerkeyd foe"i vkj Çgnh Lkfg;
- 3- çokLh Lkfg;
- 4- jkeVh; dkO;èkkjk
- 5- Nk;kokn
- 6- ryLhnl
- 7- çepn
- 8- Q.kh*ojukFk js.kq
- 9- jkeèkkjh Lg fnudj
- 10- DISSERTATION/PROJECT WORK

mi;ä esa L dkÄ pkj iBîðe

SEMESTER – V

DSE1 :ykd Lfgr;

Course Outcomes

After the completion of the course, the student will be able to:

- CO1: Hkkjrh; let eas ykd d Lo:i vkj mld egÜo dk le> ldx
 CO2: ykd dh LLÑfr vkj mld fofHkUu : ik dh tkudkj iklr dj ldx
 CO3: ykd Hkkekk d egÜo l ifjfr gkx;
 CO4: ykd vkj f"leV lkfgR; d: vrj ,o: vrLLc/k dk le> ldx

DSE1 :ykd Lfgr; (Theory: 06 Credits)		
Unit	Topics to be covered	No. of Lectures
1	ykd vkj ykdokrk] ykd LL-fr dh voëkkj.kk] ykdokrk vkj ykd LL-fr] ykd LL-fr vkj Lfgr;] Lfgr; vkj ykd dk vr: Lcèk] ykd Lfgr; dk vU; Lkftd foKkuk L Lcèk] ykd Lfgr; d: vè;;u dh leL;k,	16
2	Hkkjr eas ykd Lfgr; d: vè;;u dk bfrgl] ykd Lfgr; d: çe[k : ik dk oxÊdj.kA ykd xhr : LLdkjxhr] orxhr] Jexhr] _rxhr] tkfrxhA	12
3	ykdVî : jkeyhyk] jkLylyl] fdrifu;k] Lokx] ;[kxku] fonf"i;k] HkkaM] rel"i ukVidhA Çgnh ykdVî dh ijEijk ,o: çofèkA Çgnh ukVd ,ojxep ij ykdVî dk çHkkoA	12
4	ykdFkk : ordFkk] ifjdFkk] ukx-dFkk] dFkk : f<;k vkj vÜfoÜokLA	08
5	ykdHkkekk : ykd LkfkR egkoj] dgkor] ykdä;k] igy;A	08
6	ykdur; ,o: ydLxhA	04
TOTAL		60

Lg;d iLrd:

- 1- ykd : ih;ek nb;k %L:-½
- 2- ykd dk vkyd : ih;ek nb;k %L:-½
- 3- ykd Lfgr; dh Hkfredk : /khjUæ oek
- 4- ykd Lfgr; : LR;Uæ
- 5- Hkkjrh; ykd Lfgr; : "e iekj
- 6- ijifjd ykd-ukV; : txni"i pUæ ekFkj
- 7- ykd Lfgr; dh LLÑfrd ijEijk : eukgj "kek
- 8- Tradition of Indian Folk Dance : Kapila Vatsyayan

DSE2 :vflerkeyd foe"i vkj Çgnh Lfgr;

Course Outcomes

After the completion of the course, the student will be able to:

- CO1: Hkkjrh; let eas mif{kr Lenk; dk dh vflerkeyd pruk d: mn-Hko ,o: fodiL d: fofHkUu dkj.kk l ifjfr gkx;
 CO2: nfyr foe"i dh vo/kkj.kk vkj mll tqM; Lfgr; dk ifjp; iklr djx;
 CO3: L=h foe"i dhvo/kkj.kk] mld fodiL vkj mll tqM; Lfgr; l ifjfr gkx;
 CO4: bl iB;Øe d: vè;;u l vkidh Lionuk dk fodkL gkxk

DSE2 :vflerkeyd foe"i vkj Çgnh Lfgr; (Theory: 06 Credits)		
Unit	Topics to be covered	No. of Lectures
1	• foe"i dk Lkfrd : ¼d½ nfyr foe"i : voëkkj.kk vkj vkUnkyu Qy; vkj vEcMj	12

	$\frac{1}{4}[k\frac{1}{2}]$ L=h foe ^k : voëkkj.kk vkj efä vñknyu iñ ^k pi; vkj Hkkjrh; LñHk $\frac{1}{2}$ $\frac{1}{4}x\frac{1}{2}$ vñfnok ^k h foe ^k : voëkkj.kk vkj vñknyu	
2	• foe ^k keyd dFkk Lfgr; : $\frac{1}{4}d\frac{1}{2}$ vleçdi ^k okYehfd - lyle $\frac{1}{4}[k\frac{1}{2}]$ t;çdi ^k dne - ukS ckj $\frac{1}{4}x\frac{1}{2}$ gfjjke eh.kk - èkñih ri rhj]ieB L[;l :158-167 $\frac{1}{4}k\frac{1}{2}$ elguni ^k ue ^k ij; - efäio: mñiU;L $\frac{1}{2}$ dk v ^k $\frac{1}{4}$ ieB 24 L 33 $\frac{1}{2}$ $\frac{1}{4}3\frac{1}{2}$ lie=k dekjh fLlg - O;fäRo dh Hkñ[k $\frac{1}{4}p\frac{1}{2}$ ukf Ljk ^k kek - [knk dh oñl	16
3	• foe ^k keyd dfork : $\frac{1}{4}d\frac{1}{2}$ nfyrd dfork : vNrkunñ nñfyrd dgk rd ij; jg $\frac{1}{2}$ uxhuk lg $\frac{1}{4}$ fdruh O;Fkk $\frac{1}{2}$ dkyhpj.k lugh nñfyrd foe ^k ekrk çLn $\frac{1}{4}$ Lkuok dk çitjkh $\frac{1}{4}[k\frac{1}{2}]$ L=h dfork : 1- dhfr pkèkj; L ^k ek j;[kk 2- dkR;k;uh : ùr Hkkb;ka d; chp pik 3- Lfork Çlg : eas fdl ^k h vkjr gñ	16
4	• foe ^k keyd vU; x4 foèkk; : $\frac{1}{4}d\frac{1}{2}$ çHkk [krku - vU;k L vuU;k] ieB 28-42 rd $\frac{1}{4}[k\frac{1}{2}]$ ryLhjk - enifg; k $\frac{1}{4}$ pkèkj; pkpk L çkjHk] ieB L[;l 125 L 135 $\frac{1}{2}$ $\frac{1}{4}$ egknoh oekZ - L=h d; vFk Lokr; dk çu $\frac{1}{4}k\frac{1}{2}$ M, - èkeohj - vfHk ^k lir Çpuru L bñrg ^k Çpuru dh vkj	16
TOTAL		60

Lg;d iñLrd:

- 1- vçMdj lex : Mkñ- Hkhejko vçMdj] Hkkjr Ljdij dk id^kku
- 2- T;kfrck Qy: lex : T;kfrck Qy:
- 3- vk/kfudrk d; vkbu eas nfyrd : Lñfnr-vñ; dekj nñ
- 4- L=h mñfçkrk : fLeku n omvkj
- 5- J[kyk dh dñM; k : egknoh oek
- 6- nfyrd Lfgr; dk Lñn; l ^kñL= : vñe id^k okYehfd
- 7- nfyrd foe^k dh Hkñfedk] doy Hkkjrh
- 8- mñuo^k esa L=h] iñkk [krku

SEMESTER – VI

DSE3 :çok^kh Lfgr;

Course Outcomes

After the completion of the course, the student will be able to:

- CO1:** o^koldj.k dh iofÜk d; LfK iok^kh Hkkjrh;ka dh ,d ubl Ji.kh dk ifjp; iñkr dj $\frac{1}{2}$
- CO2:** iok^kh Hkkjrh;ka dh fgUnh jpuk^kñyrk d; ckj eas ifjp; iñkr dj $\frac{1}{2}$
- CO3:** iok^kh Hkkjrh;ka jkjk jfpr mñiU;k L^k–dgkfu;ka d; vè;;u L mud; thou–; FkkFk L ifjfr gksaxs
- CO4:** fo^ko ca/kqRo L^kEc/kh vo/kkj.kk d; Lfgr; d Lo:i L ifjfr gksaxs

DSE3 :çok ^k h Lfgr; (Theory: 06 Credits)		
Unit	Topics to be covered	No. of Lectures
1	❖ mñiU;k L • vñHkel; vur - yky iñhuk] jktdey çdk ^k ku] fnYyh • Leke osnh - ykVuk iñMk] ijKx] çdk ^k ku uA] fnYyh • uhuk i,y - dñN xkso xkso dñN ^k lg] ^k lg] ;l ifeyd ^k ku uA fnYyh • fnO; ekFkç - ^k ñe Hkj ckr; ok.kh çdk ^k ku] fnYyh	32
2	❖ dgkfu;k • rtæ ^k kek - dk[k dk fdjk;k • tfd;k tççjh - Lkdy • t; oek - xyekgj • Lèkk vke <Ëxjk - dku Li tehu viuh	22

	• mekk jrt Ulu - v,UVkiU; kj • if.kek ceiu - ;ka gh pyr g, • vfuy çHkk dekj - cekle dh cQ	
	TOTAL	60

Lg;d iLrd:-

- 1- iokLh fgUnh dgkuh(,d vr; k=k : Lekek vk;] vt; ukofj; kL L-1/2] f"Yil;u] 2013
- 2- fgUnh Lfgr; vkj iokLh foe" : MkW- oL/kjk mikè;k;] Lfgr; Lp;u] 2019
- 3- iokLh fgUnh Lfgr; (of"od iijn"; : MkW- uouhr dkj] gfj;k.kk xzFk vekneh] 2017
- 4- fgUnh dk iokLh Lfgr; : dey fd"kkj xk;udk] Lojkt idk"ku] ubi fnYyh
- 5- iokLh y[ku] ubi tehu u;k vLelu : vfuy tk"kh] ok.kh idl"lu
- 6- iokLh fgUnh Lfgr; vkj Ln"lu fi;nf"kuh : MkW- f"kk] Jh/kj

DSE4 :jkeVh; dkO;èkkjk

Course Outcomes

After the completion of the course, the student will be able to:

- CO1: Hkkjr esa jkeVh; Lok/khurk vknkyu vkj jkeVh; rk dh vo/kkj.kk vkj mld fodil L ifjfr gkx;
- CO2: jkeVh; dkO;/kkjk d egUoi.k dfo; k d; d; fDrRo-NirRo L ifjfr gksaxs
- CO3: jkeVh; dkO; d; Hkhrj fofo/k dkO; "kfy; k L ifjfr gkx;
- CO4: vkid Hkhrj LoLFk jkeVh; pruk fodflr gkxh

DSE4 :jkeVh; dkO;èkkjk (Theory: 06 Credits)		
Unit	Topics to be covered	No. of hours
1	• efflyh"kj.k xlr- Hkkjr-Hkkjr ¼Hkfoe;r [kM½	10
2	• ek[kuyky praih- 'ekr" ¼Hkkjr HkMkj] bykgckn½ - n" esa ,L ckyd gk] Hkkjr d; Hkkoh fo}ku] jkeVh; oh.kk] g; Hkkb] efDr(pj.k dh Bkdj] fujkyk] eDr xxu g] eDr iou g];x-pj.k	16
3	• Lguyy f}onh- 'cki" "khek d fork ¼py iM½ ftèkj nk; Mx ex esa½	02
4	• cky-e.k "kek uohu-vit d; ykdfi; fginh dfo-11] jktiky ,.M LU d'eji xV] fnYyh - ge vfudru] ,d uhe] ik.kkik] folyo-xk;u] esj; tuuk; dh ok.kh] vfL/kkj- iFk	16
5	• jkeèkkjh (Lg fnudj-gdkj - gkgdkj] vuy fdjhV] olr d; uke ij] i.kfr] fnYyh] fgeky;] foiFkxk	16
	TOTAL	60

Lg;d iLrd:-

- 1- fgUnh Lfgr; dk birgil : jkeUae "dy
- 2- HkkjrUnr gfj"plae vkj fgUnh uotxj.k dh lel;k, : jke foyl "kek] jktdey idl"lu
- 3- fgUnh Lfgr; Lo:i ,o lonuk dk fodil : jkeLo:i praih] ykdHkkjr idl"lu
- 4- fgUnh Lfgr; (mn-Hko vkj fodil : gtdkj iLn f}onh
- 5- vk/kifud fgUnh dfork dk fodil : ulnfdkj uoy] KkuhB idl"lu
- 6- jkeVdfo efflyh"kj.k xlr vkj ldr : L; idl"i nhf{kr
- 7- efflyh"kj.k : ulnfdkj uoy] jktdey idl"ku
- 8- fnudj dh Lfgr; lk/kuk : L- lr"i dekj jk;] vfo/kk idl"lu
- 9- fnudj : fotUae ukjk;k fLg] Lfgr; vdkneh
- 10- fgUnh dfork eas jkeVh; Hkkouk : foiukFk xlr
- 11- fgUnh dli; eas jkeVh; pruk : "kk yeh

DSE5 :Nk;kokn

Course Outcomes

After the completion of the course, the student will be able to:

- CO1: vk/kfud fgUnh dfork dh LoJeB miyfē/k dī :i esa Nk;kokn dki le> Ldx
 CO2: Nk;kokn dī pkj egku dfo;ki - iUnj fujkyk] ir] egknoh - dī dki; -of*keV; L ifjpr gksxs
 CO3: Nk;kokn vkj iNfr dī jkxRed Lici/kka dki le> Ldx
 CO4: fgUnh dfork dī fodiL esa Nk;kokn dfork dī ;kxnu dk eY;kdu dj Ldx

DSE5 :Nk;kokn (Theory: 06 Credits)		
Unit	Topics to be covered	No. of hours
1	• t;idj çUn : *vkiL* dki; dī çkj:fHkd 50 Nin	15
2	• Li;dkr f=ikBh fujkyk : Li[oLr vk;k] eku jgh gkj] vf/kokl] Çgnh dī Leuk dī çfr i=] Lug fu>j cg x;k g] ckaëks u uko bl Bkoj f"if"ij dh *kojh %^jx-fojx*-Li- jkefoykL *kek½	15
3	• Lfe=kunu ir : ,d rkj] ior çn"i esa iloL] eku fuei=.k] ær >jk] og cM<k] dgkjki dk uR;] rkt] Hkkjrekrk %jf"ec/k½	15
4	• egknoh oekī : eaS uhj Hkjh n[k dh cnyh(eëkj eëkj ej nīd ty(fcu Hkh gq(rEgkjh jkxuh Hkh gq(D;k itk D;k vpu j] pHkr gh rjk v#.k oku	15
TOTAL		60

Lg;d iLrd:

- 1- Nk;kokn : ukeoj fLg] jktdey idi"lu
- 2- vk/kfud Lfgr; dh ioFÜk;ki : ukeoj fLg] jktdey idi"lu
- 3- vk/kfud fgUnh dfork dk bfrgkL : uUn fd"kkj uoy] jktdey idi"lu
- 4- fgUnh Lfgr; dk bfrgkL : jkepUæ "dy
- 5- vk/kfud fgUnh Lfgr; dk bfrgkL : y{eiLxj oke.ki;
- 6- fgUnh Lfgr; dk nLjk bfrgkL : cPpu fLg] jktdey idi"lu
- 7- fgUnh Lfgr; chLoi "krkēh : uUn nrykj; okti;h] jktdey idi"lu
- 8- Lfe=kunu ir : bZ pfy"koj jktdey idi"lu
- 9- egknoh oekī : n/kukFk iLg
- 10- t;idj iUn : je"i pUæ Lg] Lfgr; vdkneh
- 11- fujkyk dh Lfgr; Lk/kukHkx-2% : jke foyiL "kek] jktdey idi"lu

DSE6 :ryLhnl

Course Outcomes

After the completion of the course, the student will be able to:

- CO1: fgUnh dī Lokf/kd ykdfi; ,oi egÜoi.k dfo ryLhnl dī fof*keV O;fDrRo-NfrRo L ifjpr gksxs
 CO2: mud dki; dī fofHkUu : ik] "ky; k vkj dki; Hkkekk dī of*keV; L ifjpr gksxs
 CO3: ryL dī ikBk/kkfjr vè;u L ;x-; FkkFki dī LkFk ryL dī Lici/k dh O;k;k]k dj Ldx
 CO4: vkidh dki; -lonuk foLrr gksxh

DSE6 :ryLhnl (Theory: 06 Credits)		
Unit	Topics to be covered	No. of hours
1	• jlepjreliL :v;kè;k dkiM ¼nkskg L[; 67 L 185 rd½] xhrk çL] xkj[kij	20
2	• dforkoyh¼mÜkjdkM 30 Nin] in L[; 29] 35] 37] 44] 45]60] 67] 73] 74] 84] 88] 89] 102] 103] 108] 119] 122] 126] 132]134]136] 140] 141]146] 153] 155 161] 165] 182] 229½] xhrk çL] xkj[kij	13
3	• xhrkoyh¼ckydk.M 20 in] in L[; 7] 8] 9] 10] 18] 24] 26] 31] 33] 36] 44] 73] 95] 97]	12

	101] 104] 105] 106] 107] 110½ xhrk çL] xkj[kij	
4	fou; if=dk40 in] in L[;l 1] 5] 17] 30] 36] 41] 45] 72] 78] 79] 85] 79] 90] 94] 100] 101] 102] 103] 104] 105] 111] 113] 114] 115] 121] 159] 160] 164] 165] 166] 167] 182] 201] 269] 272½xhrc çL] xkj[kij	15
	TOTAL	60

Lg;d iLrd:

- 1- xkLokeh rylinL : jkepUæ "Dy
- 2- ryli vkj mudk ;xk : mn;Hkku fLg
- 3- ykdoknh ryli : fo"oukFk f=ikBh
- 4- nLjh ijEijk dh [kkT : ukeoj fLg
- 5- jkedkO; vkj ryli : ie"kdj
- 6- fgUnh LkfgR; dh Hkfedk : gtLjh iLin f}onh

DSE7 :çiepın

Course Outcomes

After the completion of the course, the student will be able to:

- CO1: dFkk lekV eq"kh iepUn d; fo"keV 0; fDrRo-ÑfrRo dk LkfkRdkj djaxs
- CO2: mud mİL; kLk esa ^Lok lnu* d; egUo vkj of"keV; L ifjfr gksx;
- CO3: ^dcyk* ukVd L Hkkjr dh Lkfld LLÑfr d; Lo:i dks vkrLkr dj Ldx;
- CO4: mudh dgkfu; k-mİL; kLk L rRdkyhu Hkkjrh; let d; ; FkkFkL L ifjfr gksaxs

DSE7 :çiepın (Theory: 06 Credits)		
Unit	Topics to be covered	No. of hours
1	• mİL; kL - Lok lnu	20
2	• ukVd - dcyk	15
3	• fucèk - LkfgR; dk mÍ;	05
4	• dgkfu; k - iL dh jkr] "lrjt d; f[kykmh]ip ije"oj] Ānxkg] nks cÍykas dh dFkk	20
	TOTAL	60

Lg;d iLrd:

- 1- dye dk fLlgh : ver jk;
- 2- iepın vkj mudk ;x : jlefoyl "kek
- 3- fgUnh mİL;L dk bfrgkL : xkiky jk;
- 4- iepın dk Lin; "kkL= : unfd"kkj uoy
- 5- Hkkjrh; Lor=rk Lxke vkj fgUnh mİL;L : Lrkjle >k ";e
- 6- iepın : ,d LkfgR; d foopu : uUn nykj; diti;
- 7- fgUnh mİL;L dk fodkL : e/kj;"k
- 8- v/kj; LkfkRdkj : uehpn tu
- 9- dFkk le; : fot; ekgu fLg
- 10- iepUn vkj Hkkjrh; let : ukeoj fLg

DSE8 :Q.kh"oj ukFk js.kq

Course Outcomes

After the completion of the course, the student will be able to:

- CO1: Q.kh"ojukFk js.kq dk fgUnh x4] fo"kekr: dFkk LkfgR; d vuB dydkdj d :i es ifjp; iklr djx
- CO2: mud; mİL;L vkj dgkuh L rRdkyhu xkeh.k let d; Lokxi.k le> fodflr gksxh
- CO3: js.kq us fjikrkT fo/kk dks dL le) fd;k] bL le> Ldx;

CO4: fgUnh dFkk lfg; d; Hkhrj js.k; d; ;kxnu dk eY;kdu dj Ldx

DSE8 :Q.kh"oj ukFk js.k; (Theory: 06 Credits)		
Unit	Topics to be covered	No. of hours
1	• mīl;kL – fdru pkjkg;	15
2	• mīl;kL – tyl	15
3	• dgkfu;k – BL iipyV] yky iku dh cxe] lofn;k] jlf;] ,d vkfne jkf= dh egd] fljipeh dk lxu] igyoku dh <kyd] jly feLrjh] yQMk	20
4	• fjkrkt – .kty èkuty ¼ikj;fHkd ikp ikB%	10
TOTAL		60

lg;d iLrd:

- 1- Q.kh"ojukFk js.k; : ltu vkj LinHki : v"ld dekj vkykd] vk/kkj idl"lu
- 2- Q.kh"ojukFk js.k; dh dgkfu;k eas vkpydrk : ,p- lgnò dkcy] veu idl"lu
- 3- Q.kh"ojukFk js.k; : O;fDrRo ,o; NfrRo : MkW- gij"ldj n;c] fodil idl"lu
- 4- Q.kh"ojukFk js.k; vkj eyk vkpy : xkily jk;] u"uy ify"lx gml
- 5- Q.kh"ojukFk js.k; dk dFkk i"li : MkW- js.k; lgj jktLFkkuh xFkkxkj
- 6- dFkkdkj Q.kh"ojukFk js.k; : MkW- pUæHkkuk Lkuo.k] ip"ly idl"lu
- 7- Q.kh"ojukFk js.k; dh mīl;l dyk : dle LkV] olefr idl"lu

DSE9 :jkeèkkjh lg fnudj

Course Outcomes

After the completion of the course, the student will be able to:

- CO1: fgUnh dfork dh jkeVh; dkO;/kkjk d; Lokf/kd L"Dr ykdfi; dfo d; :i esa fnudj d; egÙò dk le> Ldx;
- CO2: leiftd foekerk] /kek;/krk d; fo:) fnudj d; dkO;kRed mn-xkjka dks mfpr LinHki esa le> Ldx;
- CO3: fnudj jfpr x4 Lfgr; d; egÙò L ifjfr gkx;
- CO4: fnudj Lfgr; L vkidh jkeVh; – Lkeftd pruk dk mUu;u gksxk

DSE9 :jkeèkkjh lg fnudj (Theory: 06Credits)		
Unit	Topics to be covered	No. of hours
1	• dkO; – ^cki* : ckil] otir] v*kVu *kVuk D;k Lek/kku	15
2	• dkO; – jf"ejFh : [kMdkO; ;nLjk Lx%	15
3	• fucèk – feêh dh vkj l"k: d; Ng fucèk½	15
4	• Llej.k vkj J)ktfy; k l"k: d; Ng ikB½	15
TOTAL		60

lg;d iLrd:

- 1- fnudj jpukoyh ¼14 [kM½ : L- uUnfd"kkj uoy] r#.k dekj] jktdey idl"lu
- 2- fnudj : LfeV vkj nfeV : xkily Ñe.k dk] okrk;u idl"lu
- 3- jke/kkjh flg ^fnudj* : eueFkukFk xlr] jktiky idl"lu
- 4- fnudj : O;fDrRo vkj NfrRo : txn"i ilin prjoih] ioh.k idl"lu
- 5- egkdfò fnudj : moLh rFkk vU; Nfr;k : foey dekj tu
- 6- jkeVdfo fnudj vkj mudh Lfgr; Lk/kuk : iripUæ tloy
- 7- fnudj dh dkO; Lk/kuk : ufepUæ Hkkoxd
- 8- tudfo fnudj : L;dle oek] Hkkjrh; idl"lu
- 9- fnudj d; dkO; esa thou n"ku : foukn ckyk "kek] Llef;d idl"lu

- 10- fnudj dh d^k; - ^Lk/^kuk : ejy^h/k^j JhokLro] vtr^k i^L
- 11- fnudj ,d i^jueⁱY; ^kdu : fot^t; l^æ ukjk; .k f^Lg] ifjey i^d^klu