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*Indian Streams  
Research Journal*

Executive Editor  
Ashok Yakkaldevi

Editor-in-Chief  
H.N.Jagtap

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## Welcome to ISRJ

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Indian Streams Research Journal is a multidisciplinary research journal, published monthly in English, Hindi & Marathi Language. All research papers submitted to the journal will be double - blind peer reviewed referred by members of the editorial board. Readers will include investigator in universities, research institutes government and industry with research interest in the general subjects.

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i fgY; k fi <hrty doh dsh ukeno <l kGkauh, d ekunM fuekZk dshk vkg <l kGkauh ek.kl kP; k "kkd .kkP; k Hkhepk fu'kk  
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rj ukjk; .k I pax; kP; k nku fnol okV i kg. ; kr xysnku n[kr xsys

1980 uarjP; k nfyf dfors ph fn'kk &

nfyf dfors; k ifgY; k tkenkj ykVuarj nfyf dfors dkgk k , dl jhi .kk] I kpsni .k ; om ykxyk gkrk ; k  
I kkyi .kkyk Nn ns.kjh dfork ; kpk dkGkr fyfgyh tkr gkrh rh Lor%ok oxGk BI k meBfor gkrh v"kk dfors; k i dkgkr Hkax  
esJke] okgl I kuo.k] fouk; d rnejko] ek/ko I j dM] jke nkrkM] v#.k dkG] ugwdkuM] eganz Hkoj] e/kw xob] f"okth I kuo.k]  
ykclukFk ; "kon] ccu yka; Hkkm i p[kkb] dsru fi i Gki js tkon dj's'kh bR; knh doh i qsvkys vkf.k nfyf dfors; k #i kph tk.kho  
I kfgR; d txrkyk d#ufnyh ; k fi <husdforsyk uosog.k] uosvk; ke ns; kpk iz Ru dkyk i m] jhP; k dfors {kk vfhkQ; DriP; k  
u0; k okVk pks'kG.kk&; k dfork Eg.ku ; k fi <hph dfork JSB vkgp] i jarqejkBh dfors; k e[ ; /kkj; e/; orhZ LFkku feGkos, o<s  
I keF; l; k fi <hrhy dfors vkgs nfyf kph n[ks vktgh "krduqkrds pkyr vkysyh vkgs- dk; n; kus vLi"; rk u'V >kysyh  
vl yh rjh I keftd okLroke/; scny >kysy ukgh gh LoRokph tk.kho ; k fi <hrhy dohuk >kysyh vkgs R; kpsoxoxGsvfoLdkj  
u0; k i dkgkrhy dohP; k dfors fnl u ; rkr-

Hkax esJke ; kP; k vyxyke ; k dforkl axgke/; sejkBh vkf.k nfyf dforsgh vki i ; Br "kCnc/n u >kysy jkuoLrhj  
Mkn&; kr f[kri r i Mysyl ekt thou vkysvkgs ; k I ekt thoukP; k fi pysi .kk R; kP; koj >kysyvkde.k vkf.k vR; kpkj] yw'ekj  
jFk i kl u ; k I ektph vHkoxd kjrk ; k dfors v/kj] [kr dlyh vkgs ; k fo'k; h eganz Hkcsfygrkr&' " vkfnokl h I eggeukpk  
vfo'dkj Eg.ktsmyxyke vkf.k vkfnokl h Hkkrkph "kk&k; k=k Eg.ktsmyxyke"

(Hkojs eganz % nfyf dfors hy uos i dkg]  
"kCnky; ] izdk"ku Jhjeij iz vk- 2001 ik- 61)

n[ &; kpsHkfo'; I ka.kk&; kauk Lor%o Hkfo'; dGr ukgh-gk n[ kpk fpjcnh t[ekj vl rks i ki Vkr; k p[phusHkfo'; kpsi Rrs

nfyr l kfgR; kP; k cnyY; k fn'kk] dfork

fi l .kkjsgs, d nšoknh tix vl rs rsfx/kkMkP; k /kM; ki qsgrcy Bjrs i ki V vkf. k fx/kkM ; kl kj [ks"kcñ ; kstuu , dkp t xkaxzr  
vl yš; k nku ori GkpsxykethRo fl /n gkrs i ki V kpatx fiat&; ki jrs e; kñr vl rsvkf. k fx/kkMkyk mM.; kpsl keF; Zvl ysyrjh  
okV; kyk xysyh <kj p ; s kr- R; kyk teluhojp mrjkosyxrs , d kP; pk okV; kyk fiatjk vkf. k nq &; kP; k okVsyk l Mdsi .kk v"khgh  
l šyehV vl rs v"kk txkpsvn; ki i uol u >Kysysukgh ; k l nHkkr-yvfr" k; vLoLFk dj .kkjsokLro Hkqtax esje ; kP: k  
ckollu i Rrsful kor r"kk ; k oLR; k  
dkVjh rkj kP; k fxVkjkrw , d l qnj mHkkyk r#x  
fiat&; kP; k tkGHoj okl kps i e  
FkkMa mRdV] FkkMa mRr#x  
Eg.kuu R; kus l okkhus r l jyhr , dnk  
rj d#Y; kp i kuko; i Rrkp uOgrk-  
myxyke i- 37

Lokra=krj d kGkr Hkarn; koknh n1'Vhru vkfnokl kP; k i uol ukP; k ukok[kkyh i Mhd teluhps rplMs Ocl. ; kr vkys  
nškyk Lokra= feGkysrjh l šyehVokyk l [k h gkow" kdyk ukgh gs  
ykd"kkghps nšG vfgd P; k uol kys i kors l karkr  
OclLr nHkpa rkdokj ; oñ "kars vi oknr  
R; kauh dG ekfxryš HkVyh foedrh  
vkrk vkepa dkg, d ex.kaukgh

xkockak. kP; k fo/khps fp=.k esje djrkr r#gk uohu vlReekukpk tk.khops r# y{kk ; rs vkkJ/nr xjQVysyh  
xkockak.kh ; šsuos#i ?krs

Hkxr ckdks i k/kpa vka.k  
nk# djrs myakomh & ip nsk i škkpk cM  
f"kdforš xjchph cVkbz & cGhjt kpa uko ?krk  
dkM; k cd&; kpk cGh & ; kyserr d k js xkockak.kh ?  
xkockak.kh Eg.kts , o<p f"kdka gk; s  
0; oLFkP; k NkrkMkoj ; k vix; kekGkokuh] cl kpa gks -

(esje Hkqtax & myxyke) l kds i d k "kku vjšackcn f) [vk- 1995 l- 72) ; ke/; sHkxRokph djker] dkM; k] cd&; kpk cGh  
; k xksVh cGhjt kpa uko ?kruk VkgY; k i kfgts cGh gk vukFkz gkrk- dkoctt ckg. kh 0; oLFkP; k NkrkMkoj cl uup [k&; k vFkz  
xkockak.kh gskkj vkgs cGhjt k] [ka dY; k. kdjh jkT; ; s k] vkgs FkkMD; k rue. kdjh 0; oLFkpa Lo#i l etu ?kou frP; k  
foj kkr fontg i plj .kkjh 0; oLFkfoj kskh vkrRe"kkkph tk.kho gh dfork i dV djrs  
Hkkm i p Hkbbz ; kauh R; kpk gplj oknGkps (1989) gk dforkl xg vkM d jh ij .kyk i k. k eku. kkhj vkgs  
mi š{krkpsxko ek.k] dHP; k ekj d&; kauh dš dš dš dš rsmi š{krkpsxk. ksdoh xkrksvkgs i .k ; k dohpsxk. ksdje. kplh kBh ukgh  
rj rsekua l egke/; stkxrh fuekz k dj. ; kl kBh vkgs rsEg. krkr &  
fu'i .kzo{k vkrk HkMd. k] vkgs vkf. k ršHkMdok vf/kdp tkekushHkMdok ; kl kBh gsxk; u vkgs ; k dforsrh  
"kcnr xk. ksvkgo f"kok; frP; k vFkz gh xk. ksvkgs i p Hkbbz l jš{k x>y fyfgY; k ; k x>yk/kw l keftd okLrokpk tGrk tho  
R; kauh fdujk dohpk HkP; kP; k v#j] dš khp pkj ukgh] en; dkrh] tšsykd] dš#.; ] xk&gk. k] d q kh ukgh] vk; q; ekxysukgh] Lolu  
rktš] vkEgh y<u0; kusBR; knh x>ykauh dohP; k eukrhy tx [keh vki os"kcñc/n dšyh vkgr-  
tUer% ul rs "kDrh  
l oZ oknGkuk r kM ns; kph  
egkl kxjh oknGkr  
>kdu n; kos ykxrs Lor%yk  
dky#l gks ; kl kBh

okgl l kuo. ks & xkfkM (1987) e/kw (fBxGkfBxGkwh t kMw) Vkds?kkyu r; kj dšyh tkrs) fBxG; k fBxG; kauh tkMysys  
l egthou xkodq ki kl w g tkj s dkl nj vkgs eyHkr xj tkphgh ftFs i rzk gkow" kdr ukgh- v"kk vkoLFkrhy nkfjnz, fi <; ku  
fi <; k pkyr vkysvkgš xkMhr ukd [k] l r] vkM okl l kl rk l kl rk i nžt fo>u xysvlf. k vJuh xkM flk tfo. ks, o<p  
oržkudkGkrhy okl i nkj kP; k okV; kyk vkys v"kh nš [k nš; kph] okrkgrhP; k vk; q; kph dgk. kh xkMMe/khy LVst] i kdG cMchš  
d"kkyl eh vkf. k rh] ek>h vkbZ Hkkrj rekrk] vl afdrh fno l ; kl kj [ ; k dfork/kw 0; Dr >kysvkgš  
vkepanš k vkepp jkfgyš d/khp R; kps >kysukgh- vkeph "kcdk vkEgh dš dš ykš rs dku Bodk%u , dr jkfgysfu  
l d k j k l kMlyk vkepsdku /k#u vkEgkyk ne Hkkyk] ekQh ekaxk ukgh rj ----

nfyr l kfgR; kP; k cnyY; k fn'kk] dfork

(l kuo.ksoKg# & xkM LVst jfojkt izdk"ku iqks izvk- 1987 i' 47)

fdok  
i k/kph vix brdh vkg dh FkMh ykxr ukgh  
ckkkoj oLrh vkeph  
frFkp l wZmxorkfrFkp vLr gkks  
fdok  
jstpan[ k jst fol jr tkoa  
mn; kpan[ k Hkx.; kl kBh] i .k fdrh fnol  
tBgk pln.; kr yi orkr <xkP; k f<xk&; kr  
rBgk fot pedrs n[ kP; k fgj0; k oukr

(l kuo.ksoKg# & xkM vl afdrh fnol i: 49 jfojkt izdk"ku iqks iFke vkoRrh 1987) v#.k dkGs; kwh jkkl xkMz; k  
dforkl aqge/; snay&ng"kr&nMi "kgh vlf.k nkFkZdrk ; k okLropshk; kud fp=.k djrs l kldfrd tehuojhy nXmH cKxrhy  
Eg.ktp ; k ekhrhy dkGs [kh fi dkP; k vuFkpsEg "kksk.; kpk iz Ru dyk vkg rj Lk; jups "kgj ; k n[ &; k dforkl aqge/; s  
eyrRooknpseG vlf.k dG ; kpk "kksk ?krkr- gsl kl jups "kgj l oZ keku; kug gl .kkjso udkjlf/kdkj oki j .kkjsvkgs eP; k ekjkr  
onuk mBk0; kr rs; k "kgjkr l k; ju oktrkr- ; k "kgjkoj fx/kkMkwh l ketT; iLFkki hr dsysvkg; k "kgj kpk rky dGgkgh <Grks  
tkrh /kez iFkP; k cVkuh ok<yys vlf.k iV/yys vkg nkuuujh uxjiky ; k "kgjkps ikyd vkg- ; k "kgjkrhy jLrs v"kdR  
ul okM; kl kj [ksvl u ; k jLR; kojhy ek.kl kph ftvxh yk/yh tkrs gs "kgj jLrkjLrh "kjhjkph ekx.kh djrs l onukuk xkM  
tk.kk&; k ; k "kgjkr ek.kl sykdYl P; k i jB; kug ykdGr l j i jB; k {Grkr vlf.k ykdYl pk epnkgh i kMrkr- "ksv l j kj [ks  
o/kjkr vlf.k dkl Grkr- bFkaek.kl kxf.kd l nHkZcnyrkr- bFks i k/k kBh i qai qa/kko.kk&; kP; k ekxsej .k ykxy Eg.ku i R; dKp; k  
MkD; koj l j .k ckkyssfnl rs gs "kgj /kekZk vl u ek.kl kP; k l j fkrkrph dskrhp geh ; k "kgjkr ukgh gsukxj l ddrhpsgs "kgj  
vfkkehuh vkjLFkkuh xkl k; kP; k "kV/kok.kh ; k "kgjkr vki .k dGgkgh gkoi "kdrksHkD l iKV- vl s "kgj kP; k fofo/k i SympsvkdiGfodkG  
#i v#.k dkGs; kP; k dforusl kdkj dsysvkg

(dkGs v#.k & l k; jups "kgj l R; ftr izdk"ku ukfl d] i: 64] 1997)

vud izdkjP; k vud i krG; kwhjy /kkD; kph l puk ns kjs l k; jups vkokt "kgjHk] i l jysvkg- gsvokt onukn; h  
vlf.k kHk; xLr dj .kkjsvkg-

eP; k okrkr l k; ju  
gs "kgj vkrk okVrs l k; jups  
i: 10

l k; juP; k "kgjkrhy cnyr tk.kk&; k ek.kl kps l nHkZek.kh vlf.k R; kps tx.kj ek.kh vlf.k R; kps0; fDrrRo ; kps{k fdj .k  
fp=.k okpdk i sBoysvkg gsek.kh ek.kl kpk mPpkd vlf.k fupkd fdrh vlf.k d l k vkg , d uš fxZl i frfdz k ; k dforru  
ek.kh i k.; kP; k l nHkZrhy fporudk0; p dkGs i dV djrkr- ek.kl kP; k l tZ "khy vlf.k efyurk] ek.kl kph mrdarh vlf.k l "kqo  
v"kh ek.kl kph fofo/k #i sl kdkjkr-

mnk- rwfufeyr ; nkyk vlf.k cAnkyk  
/kez dns dj .kkj k juVh  
rwo [kkua i k [kja l ky .kj k  
rwo.kZskkpk dkfGek Okl rkd vkkkGkyk  
l p.kZ; qh jktoVh vkB.kkj k cYr  
jktj tokMsmYfko.kkj eP r i fkd r  
pknhpk o [kz ykoy pks [krkd dGh  
rwmUgkr tG.kkj kHkd cGh

(dkGs v#.k & l k; jups "kgj] l R; ftr izdk"ku ukfl d i: 17] 1997)

v"kk "KOnr Jh dkGs; kwh ekuokps n"ku ?KMfoysvkg ek.kl kyk b"ojkyk i ekps #i ekuys vlf.k i ekkyk }akP; k  
d] kojgh Bkdysvkg ex i e gk l ddrhpk l kjkdk dl sEg.krk ; bzy- vl rp rj gs }skeGd l ddrhpsviR; vl sy- R; kyk  
ekuorkoknkp; k dlan.kkr fg&; kl kj [ksBkdu cl ork ; s ukgh }skkP; k d] koj l gt Bkdrrk ; s s dkj .k vki .k djhr vl yY; k  
drhpsHku ek.kl kyk mjyysukgh i e uhrfW; gh eW; dkyckg; Bjyh vkg dh dk; ? eW; ghu okrkoj .keGs l kldfrd {s=  
MkxkGysvkg txkP; k dY; k.kl kBh "karrpk l ins'k ns kkh rRoKkusek.kl kuslkl ou Vkyd vkg- vfgd psey erheky >kys  
vkg "karrP; k ukok [kkyh v"karrpsL#x i #u Boysvkg- "kL=kLrP; k vkye nju; s fo/od kph okr i vfo.ksgkp ; q/kezBj rks  
vkg gMst u vlf.k l U; fdyvj ckllcus txkph nk.kknk.k mMfo.; kl kBh] nju; sykp fueuq; dj.; kl kBh ek.kl kpk enw l Tt >kyk  
vkg ek.kl kP; k ; k drhuarj ekuork

nfyf I kfgR; kP; k cnyY; k fn'kk] dfork

ukokph xksVp mj.kkj ukgh- gk [kj [kkV vkf.k "kpl" kplV i gk; ykgh ek.kk jkg.kkj ukgh- vl sllh'k.k okLro ekMf v#. k dkGs; kph dfork ek.kl kyk gkjow Vldrs

yksdukFk ; "kor ; kps 'vkrk gkow tkown; k' vkf.k "koVh dk; >kys gsnku dforkl xg ifl /n vkgr- rsl kekftd cki/kydhp; k >KyY; k I oZ "kkckfirdk MkG; kr I kBow okVpky dj.kkjs doh vkgr- ; k okVpkyhrY; k , d , d "kkckRe dFkk gs ykow Vld.kk&; k vkgr- dkj .k R; k vki Y; kp ykckuh tlekyk ?kkry; k vkgr- gsfujh{k.k ykckukFkP; k dforusuknfoysvks ; k "kkckRe dFkkdMsrVLFki .ksi gkr i k. ; kP; k cMCM; koj mllsjkgu vuufjr i'ukpk "kkck R; kph dfor ?krs

I kekftd vfhkl j.kkP; k ukok [kkyhvuud enyrRooknh i zRrh dk; jr vl rkr- cakyndi .ksokijY; k tk.kk&; k ; kP; k i kkpV ; k bFksvks R; kpsfnXn"ku dj.kkjHkhejko esleph dfork vfr"K; egRokph vks Hkhejko esJke , dk I ekteukps i frfu/khd #i vks R; kpi ek.ksvjkk MKWHkhejko jke th vkcMdj "kL=kP; k dfork dkath oyk; u ; k dforke/ku I kekftd cki/kydhp "kkckRe o.ku >kysvks

nhi d f=Hkou ; kps [kly [knkuh (1992) ek.kl kpk tud vkf.k brj dfork (1996)gsnku dforkl xg ifl /n >kysvks- [kly [knkuh gs "kkckd vR; r I pd vl svks [kly [klyoj [kny; k tk.kk&; k [knkuh vkf.k vLekuky fHMMyys dULVD"ku gk i jLi jfoj kkh txkpafo= I kdkj gkrs

dru fi a Gkijs ; kP; k I w dnd.k (1995) ; k dforkl xgkr nfyf vxr nfyf thoupk "kkck ?k; kpk iz Ru [kkyhy "kckr dsvsvks

dl sgs urs cck ? dk; R; kph yk; dh  
eMns rP; k rRokps i kgrk i kfgys  
(fi a Gkijs dru & I w dnd.k] i fgyh vlorrh 1995)

dru fi a Gijs; kpk dthoj fo"okl vks vksrh i fjfLFkrh cnysy] I erpajkt; ; bly , o<p uogsrj R; kI kBhp vkepk y<kbpk djkj vksvl sdoh Eg.kris

, d fnol /kx/ksyp gh ekri  
mn; kpk fnol vkepk vl sy  
vkt NKVY; k xsyY; k gkrkuk  
mn; k /kknkj dke Qh/yysk vl sy  
pyk vki .k I oZ feTGu  
u0; k ; kP; k tlekkI okph r; kjh d# ; k

v"kh i fjorLkph okV pky.kkj dfork vks ygw dkuMs& ; kps VkpffjHk vkf.k dkfiri oZ; k nku dko; I xgkr u vuLkoph , d [kkl vfhko; Dr >kyh vks R; kpsgs dforkl xg vkRe "kkckkph tk.kho izdV djrs vktk cki vkf.k eh ; k dforru rhu fi <; kpk bfrgkl I fpr gsrks nfyf pGoG vkf.k pGoGhr u i klr >kysyHkku ; kpsLi 'Vhdj .k gh dkuM; kph dfork djrs gsepkz ; k dforr vk<Grs nxM OkM.kkj; jkst xkj gehP; k dkekoj jkc.kkjsd'vdjh f"kg; ki kg; k rplM; koj j [kM.kkjs/ke?kkGr dfg.kkjs [kks Mh fi ou ej.kkj; vluufouk rMQ.kkjsgs I kjp I oZkj k txps?KVD , d= vkyY; k fnl rkr- ; k I oZkj kP; k tx.; kpaHh'k.k Lo#i gh dfork I kdkj djrs

ekpkz vks Hkpsua i d oysya  
, dGra , d fu.kkz d ; qn  
Tokyxkgh rI p vR; r I a xZtU  
vfkz ekpkzgh can djk; yk g0; kr  
nxM /kkM; kP; k i utk vpkz  
rjp ekpkz gyow "kdy  
xYyhi kl u fnYyhi ; rP; k reke I k&; k [kP; k  
(dkuMs ygw & VkpffVdk] I qkok izdk"ku i qks i- 14 f}- vk-1997 )

tkon dj's kh & c, r 1997

c, r Eg.krsihj fdok x#i q's?kryy "ki Fk T; kr f'k'; n; k] ifo=k i jki dkj vkf.k I a ei wZ thou tx.; kpskl; djrks i jarqi R; {k okLro ek= Hkd ij vks i Lr r I xgkr elyhe nfyf I ektkph 0; Fkk onuk vkf.k I ak'kz I kdkj >kyk vks doh T; k I ektt houku vkyk R; k I ektkp fp= vki Y; k dforr j [kVysvks

eh ek>; k Loræ I ddirh o vLerd g ; k ctge.kh 0; oLFkr nfyf Bjrksvl sdohuseuxrkr EgVysvks dohpseuxj I karsdh] ; k ctge.kh 0; oLFksudohyk /kelak vl fg'.kwcnkj] i kfdLrkuh ykM; k vkf.k ckVX; k EgVys; k 0; oLFkr dohp varckg; dkMh gkskvVGP gkrs i .k gh dkMh Qh/yh- dohyk I ak'kzph okV xol yh rhe QyysvkcMdj pGoGhrhy dk; zR; kP; k I gokl kr R; k dk; zR; kP; k; s okojrkuk dohyk 0; oLFph mdG gkrs I ak'kzph tk.k ; s Qyys vkcMdj rRoKkukus I onu "khyri kl u I ak'kz khyri ; r ety ekj. ; kpscG ; s

ed yekuh tkrh0; oLFkl qnk rhoLo#i kph vks mPp tkrhpsed yeku Eg.ktsvkJ; - gsl [; susvfr"K; deh vl ysryh

nfyR I kfgR; kP; k cnyY; k fn'kk] dfork

I oZclcrhr opLo vkgs ed yekurhy cgd d; ekxkl tkrhuk vtykQ Eg.krkr- gk I oZl kekl; ed yeku I ekt Eg.ktp nfyR  
ed yhe I ekt gks - ; k ns'krhy dohP; k i wZtkuh bLyke Lohdkjyk rksctge.kh 0; oLFkrnu eDrh feGfo. ; kl kBh-  
doh Eg.krks gp [kjs  
rP; k vuknh vukoj.k  
vR; kpkj kps dkj.k  
vkgs ek>s ed yeku gks ka

ctge.; vkf.k vLi"; g; k , dkp uk. ; kP; k nku cktwi zG vkgr- vJOh 0; oLFkph nkdkdrk pOgkV; koj ekM.; kpsdk; Z  
c, r e/khy dforus dsys vkgs Eg.kup nfyR dfork; k var% I #k"kh ; k dforus ukG tkMyh vkgs vl sc, r e/khy dforko#u  
Eg.krk ; rs

<kjkph dkrMh I kyrk I kyrk dOgk  
bFkgh tkr rkBjyh dGyp uOgrs ----  
i kjhP; k LFKGkl kBh "kOn VkdY; koj  
D; k ? rP <ke.ks----- g yky [kjs --- vtjy  
ge budh y<dh ugh ekars ----  
(dj'skh tkon c, r] ; qL nkn izdk"ku ukxi j i: 1 iz vkoRrh 1997 )

vtykQe/; sfdhrjh tkrh ikv/tkrh vkgr- ed yekurhy gs tkrh0; oLFkps Lo#i Hkh'k.k vkgs R; kP; k c, re/khy  
dforko#u ejkBh vkf.k nfyR dforyk vijfpr vl yY; k , dk oxG; k txkpk i R; ; vk.kuu nskk&; k vkgr- eginz Hkojs ; kP; k  
fprkdkar eyf[kkps I nj 1998 ; k dforkl xgkus nfyR dforr eksykph Hkj Vkyh vkgs fonHkz vkf.k epbz ; k eyf[kkP; k thou  
tk.khok egkuxjh; thoup; k vuqkuskusgskkjh ?kd eV ; k dforr izdV gks R; kpcjkj xkookM; kP; k vuqkuskus; skjh I kekt d  
I kldfrd ?kd eVgh izdV gks ; k ?kd eVhpsokku djirkuk doh Eg.krks

minjkus djrMhu Vdkos fjR; k mrjMhps dkb  
Hkkm [kkm gqts r l smjkoj fnujkr  
dkMfo "okl kps I ohj eyf[k  
eyf[kkps fprkdkar I nu  
vkoakgh fxGrk ; r ukgh

xGr tk.kk&; k vkl okl kj [ks xGr jgkos ykxrs vl k gk eyf[k vkgs nfyR I ektkrp vkMdjh pGoGhps fgindj.k  
dj. ; kl kBh ed [koVk ?kkyu fejfo.kj svkMdjoknh vkgr- gsv/kukjh uV'soj vkgr vl sdoh Eg.krkr-

vu BpY; k o'k.kkps tjcn vldk"k  
>ya i k k j Y; k thokph {k.ksk.kh cjnLr  
Lkeki pkjh >kMyk/hps vkHkji n"ku  
Ukdck i k k j Y; k pg&; kph gj?kMh okLri r  
Hkojs eginz & fprkdkar eyf[kkps I nu] vLrRo izdk"ku  
vlgakckn iz vk- 1998

; kf"kok; ek/ko I j dMseuksr 1997 I xj tk/ko mtM 1997 ckG gkVsj Dr [kqkk jke nkrkMsjk i h tOgk ys[k.kh xkS'e f"kans  
i orZl] foBBY f"kansgkGh bR; knh dforkl xg nfyR d'Vd&; kau dkarhl ue; dj.kkjh vared[k dj.kkjh tk.kho 0; Dr >kyh vkgs

I ekjki %&

nfyR dforkuh izdkkukph okV pky.; kpk ijksketRokph chps ij.; kpk Lokra=] I erk] calrk vkf.k U; k; gh rRos  
#tfo.; kpk iz Ru dsk vkgs i LFkfi r 0; oLFkus nfyRkoj dskY; k vl; k; mR; kpkj kps I gu dskY; k onup} i LFkfi r 0; oLFkyk  
fnyY; k udjk kps vkf.k ; k vl; k; vR; kpkj kfo#/n mBfoY; k vkoktkps Eg.ktsfontgkpsfu=.k vkys vkgs R; keGs dforpsfo"o gs  
I e/n vkgs

nfyR dfork gh ejkBh I kfgR; krhy xkso"kyh ?kVuk vkgs ; k dforus ejkBh dforyk u0; k vkRefo"okph ] u0; k  
vut[kokph] u0; k dkarhdkjh thoun"ku kph tkM fnyh vkgs ; k dohuh vkRe"kkukp; k tk.khousekuoh mtph mRLQps .ksxk.kh xkf; yh  
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