**Sidaamu Dagoomu Qoqqowi Mootimma Sayinsenna Tekinoolojete Ejense**

**2013-2022 massagaancho mixo.**

**Birra 2014 M.D**

**Bitima**

Tophiyu Mootimma Uurrinshuwa Tantanatanno woyite uyinoonninssa yawo fulate dandiisisanno garinni Xawado hexxonna wolootu uurrishuwa gashshootinna loossa ledo kibbamannokkiha ikkinoha loosu qeechinna yawo nooha Halammetenni loosanniha gumaamonna fulote hafanfarre ajishatenni Mittu suudi noonsa uurrinshuwa haaru garinni tantanoonniha ikkanna Sidaamu Dagoomu Qoqqowi mootimmano federalete tantano harunsatenni gumulaanote bissa biilloonyenna qeechansa gumulate fulino lallawi kiirro-----/2014 garinni Sidaamu Dagoomu Mootimma Sayinsena Tekinoloojete Ejense ikkite tantanantino. Konni kaiminni Ejensennti qara qara loossa Sayinsetenna inoveeshinete tekinolooje dhuka kajishatenna hala'lado halame kajishsha, Dijitaale tekinolooje tuqishanna horaameeyimma lossanna Dijitalete ikonoome amaanyote latishsha kajishshatenni looso loonsanniha ikkanno.

Konni kaiminni Sayinsenna tekinooloje Ejense uyinoonnita Motimmatenna dagoomitte eeggo ikkadu garinni fulate Zoonnate, Woraddatenna Quchumate geeshsha dagoommitetenna Minju qarra tiratenna halamaano bissa ledo xaade loosatenni qansootu horaameeyymmansa buuxisiisate 2013-2022 M.D geeshsha 10 (Tonnu) diri massagaancho Mixo konni woroonni qixabbe shiqqinno.

**Sidaamu Dagoomu Qoqqowiha Xaphooma Akata**

Sidaamu wodiidi-mereerimi Itophyira afamanno. Astironoomitte ofollano 4027’- 8030’ Keekiroosi Aliyyenni kayse 340 21’- 39011’ Keentiroosi Soojjaati mereerooti.

Qoqqowu Aliyyeenni, Soojjaatoonninna, wodiidi-soojjaatoonni Oromiyu Qoqqowi, Wodiidoonni Gedeote Zoonenna Galchimaanni Wolayttu Zoone ledo danna xaadanno.

Sidaamu dagate batinyinni ontikki deerrira afamanno. 2012 m.d dagate batinyi 4,695,191 iillannota tajetenna istaatistikisete herrego xawissanno.

Qoqqowu shaqqado bushsha, dancha diilallote gade afirinoho. Ikkollana sayinsichu latishshi industire widira hige dilophino.

Sidaamu698, 180 hekitaare**/** 6981.8 Km2 baatto noosiha ikkanna 2.29% wayinni diwantinote. Iibbado diilallote gade afi’rinohu xaphoomu Qoqqowu hala’linyi 30% amadanno; gottiimmesino baaru gaxira aleenni 500m--1500 m geeshsha ikkitanno.

Qiidado diilallo gade afidhinoti alichaame baatto Qoqqowunniha ilaalaamo qarqara amaddanno; tinino, baaru gaxira aleenni 2500m-3500m gottiimma nooseta ikkite xaphoomu hala’linyise 16% geeshsha hanqafanno. Arfaasa 1985--Arfaasa 2015 O.K haa’noonni taje leellishshanno garinni mereerimu Diru giddo xeeni bikki 1000 mm mittu garinni dirrannohu badheessu xeeni maareekkamino.

**Ajuuja**

Qoqqowinkera2022 Gumaame ikkitinoti Sayinsenna tekinolooje jawaanitetenni rosa, latisa, rosicho aatenni horoonsirate dhuki kaajeenna la'a

**Sokka**

Qoqoowoho dagoomitete minju lopho leelitnota asiitano sayinsetena tekinoloojete looso dagate garunni latisatenni, loosu aanna hosiisateninna halashatenni qoqoowohono iko gobate derini hewisamanchimate dhuki tekinoloojeteni kajinoha loosu amanyoote kalaqa.

**Balchoomu**

Ammanamooshshu

Taashshanchimma

iillishaanchimma

Isilanchimma

Xawadimma

Xa’mamooshshu

**Uurrinshu Hexxo**

### Ikkadimma nna Kakkaooshu noosiha, yannate tekinolooje soorrote ledo umosi taashira dandaanno mannu wolqa kalaqatenni, hattono Gobbate Inoveshinete/kalaqate xiinxallo, Tekinolojenna Dijetaale miinjira dhuka kalaqetenni Tekinolojetenna egenote heewisamme woyyeesse Gobbate, dagoomitetenna Miinju lopho rahisate.

**Timo 1. Lifixanna gumaame loosu Ha’rinsho Buuxa**

Qixxaabbino biddissuwa 10 Qixeessa, Qixxaabbino uurrinshubbatenna Mereershubbate bikkaanchu istaandarde 16 Qixeessa, Lattino siysitemootanna softiweeroota gashshate dandiisiissanno daatu mereershi dhuki istaandarde xibbunni 67.5 noowinni 100 iillisha, Baaki appete owaante horaameeyye ikkitino qoqqowu uurrinshubbara 20 uurrisa. ikkadimmate buuxo, Daddalu fajjonna owaante haaroonsira dandiitino ICT handaarinni daddalu aana noo daddalaano 453 noowinni 1300 iillisha.

**Timo 2. Injiitino xiinxallotenna kalaqote dando noonsa ogeeyera (innoveters) dancha qooxeessa kalaqateni xiinxalaanotenna kalaqote egeno noonsa ogeeyye gumimma lossa**

Saynsetenna informeeshiinete tekinolojete horaamimma luphi assinoonni amaalete battala 10 aasa. Qixxeesinoonni informeshiine tekinolooje, da”atotenna bazaarenna paanalete hasaawu battala 9 Qixeessa. Inooveeshinete irkote owaante baajeete hasato pirojekitete prooposale 18 qixxesa. Caarara burqisanno uduunni aanna kikkishu xiinxallo 2 assa .

**Timo 3. Ikkadona gumaame owaantte aate dandiisiissanno uurrinsha kalaqa**

Gatamarsha uyinanni uurrinshubba, Qajeelshu, Haaroonsinanni mereersha, Inkubeshiinete, xinixalote sayinsete kaafe, sayinsena tekinoloojete kibeebaate, E-west mereerisha uurrisate kikkishu xiinxxallo 15 sanade qixeessa. Istandardete garinni uurrinsoonni Gatamarsha uyinanni uurrinshubba, Qajeelshu, Haaroonsinanni mereersha, Inkubeshiinete, xinixalote sayinsete kaafe, sayinsena tekinoloojete kibeebate, E-west mereerisha 30 uurrisanna irriko assa .

**Timo 4. Gumaamo Halammete Amanyoote Buuxa**

Sumuumimmate sanade malaatisse halammete irkko kalaqinorenna loosu giddora eino uurrinsha 30, Industirete giddo ikkado loosu rosicho afidhino yuniversitetenna TVET kolleejje rosaano 300 aate. Yuniveristete kampaasootira irko assineenna uurrinsoonni tekinoloojete inkubeshiine mereershshubba 3 uurrisa, gatamarreenna owaante aa dandiitanno ikki ICT uduunne ministeerete loosi mini ledo halamatenni loosu gobaanni assinoonni ICT uduunni k,giraametenni 1500 K.g. halamatenni haaro buqqete miinjjanna afansha afidhino halanyunna uurrinshubbate haaro 20, haroonsa 18 aa.

**Timo 5. Dijiitaale Tekinolooje Owaantenna Horoomimmate shiqo Lossa**

Uurrinshubbate latinsoonni siystemubba 6 iillishsha. Uurrinshubbate meessi widira qolle horoonsi’noonni/custumazed/ siysitemubba keero 6 iillishsha. Uurrinshubbate latinsoonni web-sayte 20 loosanna gashootu keeranchima agara. Taje soorirate pooritaale 3 latisa. Ispesfikeeshiine qixxeesinaninsa ICT uduunni dikkote aana hee’ransa buuxate assinoonni sanade 19 qixxeessa. Net workete xintu latishi dizayne 328 sanade uurrinshubbara qixxeessa.

**Timo 6. Dagoomunniha Dijiitaale Tekinolooje Horoomimma Buuxa**

Tekinoloojete horo kaimu computetrete dandoo aana 11,120 mootimmate loosaasinera qajeelsha aa . Jawiidi ICT handaari ICT ogeeyye 2800 qajeelsha aa. Safaraancho wonshite shiqanore Dagoomu mashallaqqete mereershsha 8 noowinni 40 illishsha. Istandardete garinni deerransa woyyeesinoonninna kaajjinshoonni dagoomu mashallaqqete mereershubba 30 lossa. Woshshattote mereersha horoonsidhe mashalaqqe,koffeenyanna hedonsa aa dandiitino qansoota 25,000 illisha. Safaraancho wonshite shiqano dagoomu raadonete mereerisha 2 uurrisa.

**Timo 7. Dijitaale owaante uytanno uurrinshubba kiiro lossa**

Dijitaale owaante uyitanno uurrinshubba 22 WAN dirrisinoonninsa Mootimmate Lo/minna, 328 qoxeessu netework/LAN/ diriisinoonninsa Mootummate loosu minna iillisha. Taje soorrirate latinsoonni 27 Poortaalete giddo eessinoonni uurrinshubba kalaqa. 6 Softeweerubba latinsoonninsa Mootummate loosu minna iillisha. Tajete Mereersha/ Data base/ qixxaabbino 47 Uurrinshubbara uurrisa. IKOOTE odiitete amanyoote loosu aana hosiissino 30 Uurrinshubba kalaqa. Qoqqowinke widira softiweerubba rosiisate looso 8 uurrinshubbara iillisha.

**Timo 8. Gumaame ikkitino tekinoloojete hardiweerootanna softiweeroota tuqishsha lossa**

Gatamarshaho bandooninna gamba assinoonni 510 IKOOTE uduunne gatamara. Haaroonsineenna owaantete qixxaabbino IKOOTE uduunne 8 noowinni 383 haaroonsa. Hardiweerote nna Sooftiweere gatamarsha assinoonni 3000 IKOOTE uduunninnena 11,000 gatamara. Hiro assine beenkoonni 1080 IKOOTE uduunnuwa.

**Timo 9. Mereerma Dijitaale xintu latishshinni urrinshubbate mashallaqqete soorro gumimma lossa.**

Woredanetete owaante uytanno uurrinshubba kiiro 23 noowiinni 40 iillisha.

Woreda nette xintu latishi horaameeyye 42 noowiinni 101 uurrinshubba iillisha. Exchenje meeli owaante horaameeyye ikkitino 12 uurrinshubba noowiinni 40 iillisha. Fiyilete Dayirekitorete owaante horameeyye ikkitino 10 uurrinshubba kalaqa. Viidiyo konforaanse owaante horameeyye 12 noowiinni 30 uurrinshubbawa lossa. Worroonni istaandaarde garinni buuxante borreessantino domane name system(DNS) 40 kalaqa. Keeraanchimmansa agarroonni Host assinoonninna owaante uyitanni noo 40 webisayiitubbanna systemubba kalaqa. 50 Istaandardete garinni gatamarshanna woyyeessinoonni neetiworkete xinttu latisha loossa.

**Timo 10. Hallanyu Tekinoloojete handaarra gumaamimma lossa**

ICT Handaarinni tantanante loosu giddora eino haaro hallanya interpirizoota 50 kalaqa.

**Timo 11. Carara abbitanno uduune garigaratenni dagoomu keeranchimma agara**

Caarara burqisanno uduunne horosirate fajjo afidhino uurrinshuwa 10 iillishanna haroonisa .

Caarara burqisanno uduunne horoonisidhano 10 uurrinshuba qoriqosha assa.

**Timo 12 . Busulenna halaalancho sayinsetenna tekinoloojete taje tuqisa**

100 taje gamba asiinooni tekinoloojuba . tajete ogoririra ( data base) boreesine amaandooni tekinolooje 50. 30 gumimmansa ikkadima keene tajete ogorira boreesine wora.

**Timo 13. Islanchimmanna deerransa agadhitino fabiriku guma tuqisha buuxa**

Laalchimmate isilanchimma xinxallo assinoonni lalichu danna 30 illisha. 50 laalichira laalchimmate isilanchimma xinxallo assine deera aa. Gadachitinore 10, gadachitino ikkire 10 keenno assine buunxe buuxooshe uuyyinooni laalicho.

**Timo 14. Loosu qooxeessa injiinoha assanna mannu wolqa gumimma qajeelishuni lossa**

Istandardete garinni wonshinoonniha loosu uduunnenna manu woliqa 25% noowinni 90% illisha. Gumulaasinete kakka”ooshshenna gumulate dhuka lossate 20 battala qixxeesine qajeelisha aa. Loosu rosicho afidhino gumulaano 90% lossa. Sekiterete owaante aatenna gashshate dandiisanno mannu wolqa xibbunni 45 % noowinni 80% illisha.

**Timo 15. Hajamaanote kaasso loosa.**

Hajamaanote owaanite kaaso loosate 10 xinxxalo loosa. Hajamaanote kaaso 63 % noowinni 100% illisha.

**Timo 16. Baajeetete hornya gumimma lossa**

Mootimatenni uuyyinanni baajeete uuyyinonni birixichi garenni yinooni loosi aanna 1:1 hosiisa. Baajeete buicho lossate addi addi 50 piropoozaale qixxeesatenni babbaxinno doogoni jiro gamiba assa .

**Timo17. Irkotenna harunsote loossa (monitoring & evaluation) amanyoote kaajjisha**

Sayinsetenna tekinoloojete jeefisha harunsatenna taasho assate diru dirunkunn 4 hinge deerru derrunkunni noo uurrinshara diriirsa. Loosunni leelinno guma yanna agadhatenni la'annosa bissara ripoorite shiqisha .

**Illachinshoonni hajo 1፡- Saynse inoveshiinenna tekinoloojete dhuka kaajjishshanna batinyu handaarra halamme kaajjisha**

* 1. **Istiraatejikaawe guma፡- Dagoomu horaamimma buuxate dandiisanno garinni bowirsinoonni latishshu dhukanna laalchonna laalchimmate amanyoote.**

| **T.K** | **JeefshuTimo** | **Qara Qara loossa** | **Bikka** | **GT 2 Kaima** | **10 Dirinni illinaniwa** | **Loonssanni yanna Dirunni (2013 -2022 m.d )** | | | | | | | | | | **Jeefisanno Bisa** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2013** | **2014** | **2015** | **2016** | **2017** | **2018** | **2019** | **2020** | **2021** | **2022** |
| **Timo 1** | **Lifixanna gumaame loosu Ha’rinsho Buuxa** | Biddissuwa Qixxeessa | kiirotenni |  | 10 |  | 4 | 3 | 2 | 1 |  |  |  |  |  | Ejensetenni ba/da/te |
| Uurrinshubbatenna Mereershubbate bikkaanchu istaandarde qixxeessa | kiirotenni |  | 16 |  | 6 | 3 | 4 | 2 | 1 |  |  |  |  |
| Manuwaale Qixxeessa | kiirotenni |  | 10 |  | 4 |  | 2 |  |  | 2 |  | 2 |  |
| Lattino siysitemootanna softiweeroota gashshate dandiisiisanno daatu mereershi dhuki istaandarde iillisha | % | 55 | 100 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 93 | 97 | 100 | ICT xintu /la |
| Qoqoowu deerini Wayyabbino baakkapete owaante | kiiro |  | 1 |  |  | 1 |  |  |  |  |  |  |  |
| Qoqqowu giddo Baaki appet owaante horaameeyye ikkitino uurrinshubba | Kiirotenni | 3 | 20 |  | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | ICT xintu /la |
| Ikkadimmate buuxo,Daddalu fajjonna owaante haaroonsi’ra dandiitino ICT handaarinni daddalu aana noo daddalaano | kiirotenni | 453 | 1300 | 50 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 138 | 146 | ICT xintu /la |
| Jawiidi ICT handaari qajeelsha beeqqitino ICT Ogeeyye | kiiro |  | 2800 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | 280 | Ejensete ba/da/te |
| **Timo2** | **Injiitino xiinxallotenna kalaqote dando noonsa ogeeyera (innoveters) dancha qooxeessa kalaqateni xiinxalaanotennakalaqote egeno noonsa ogeeyye gumimma lossa** | Saynsetenna informeeshiinete tekinolojete horaamimma luphi assate assinoonni amaalete battala | kiiro | - | 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | Ejensetenni |
| Inoveshinete irko owaanitera hasiisano projekite proopozale | >> |  | 18 |  | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | Si/te/dh/dha/da/te |
| Irkote bandoonni pirojekitubba | kiiro |  | 20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Qixabbe loosu gidora eino proojeekituba | >> |  | 18 |  | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Iriko asiinonni projekituba | >> |  | 18 |  | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Kalanqeenna Loosante owaannitete aa hanafinnoti xiinxalote gumma | >> |  | 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Harrinsoonite kalanqooni loosa heewonna afanshshu amanyoote | Doyichote |  | 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Qixxeesinoonni informeshiine tekinolooje da”atotena, baazaare, paanaalete hasaawu battala | Kiirro |  | 9 |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ECOTE ha/lo/kalaqo |
| Buqeete kallaqo anima aatte asiinoonni xinxalote sanade | Kiirro |  | 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | Si/te/dh/dha/da/te |
| **Timo3** | **Ikkadona gumaame owaantte aate dandiisiissanno uurrinsha kalaqa** | Gatamarsha uyinanni uurrinshubba uurrisate harinssoonni kikkishu xiinxxallo sanade qixxeessa | kiiro |  | 2 |  | 1 |  |  |  |  | 1 |  |  |  | ICT xi/latisha |
| Qajeelshu mereersha uurrisate harinsoonni xiinxxalo sanade | >> |  | 2 |  | 1 |  |  |  |  | 1 |  |  |  |
| Haaroonsinanni mereersha uurrisate harinssoonni kikkishu xiinxxallo sanade | >> |  | 2 |  | 1 |  |  |  | 1 |  |  |  |  |
| Inkubeshiinete mereersha uurrisate assinoonni kikkisote xiinxallo sanade | >> |  | 2 |  | 1 |  |  |  | 1 |  |  |  |  | ECOTE ha/lo/kalaqo |
| Saynsete kaffe uurrisate assinoonni kikkisote xiinxallo sanade | >> |  | 1 |  | 1 |  |  |  |  |  |  |  |  | Si/te/dh/dha/da/te |
| Xiinxallo mereersha uurrisate assinoonni kikkisote xiinxallo sanade | >> |  | 1 |  | 1 |  |  |  |  |  |  |  |  | Si/te/dh/dha/da/te |
| Yuniverstuwate kampaasera inkubeshiinete mereersahubba uurrisate assinoonni kikkisote xiinxallote sanade | >> |  | 1 |  |  | 1 |  |  |  |  |  |  |  | ECOTE ha/lo/kalaqo |
| Di-manifakicherinegetenna ( E-WEST) ICT uduunne hunate assinoonni xiinxallo sanade | >> |  | 1 |  |  |  | 1 |  |  |  |  |  |  | ICT xi/latisha |
| Istandardete garinni uurrinsoonni qajeelshu mereersha | kiiro |  | 10 |  | 1 | 1 | 1 | 2 | 2 | 2 | 1 |  |  |
| Istandardete garinni uurrinsoonni gatamarshu mereersha | kiiro |  | 15 |  | 1 | 2 | 2 | 2 | 2 | 2 | 3 | 1 |  |
| Istandardete garinni uurrinsoonni haaroonsate mereersha  1 | kiiro |  | 5 |  | 1 | 1 | 1 | 1 | 1 |  |  |  |  |
| Istandardete garinni uurrinsoonni inkubeshiinete mereersha  kiirotenni 1 | kiiro |  | 2 |  | 1 |  |  |  | 1 |  |  |  |  | ECOTE ha/lo/kalaqo |
| Istandardete garinni uurrinsoonni Xiinxallote mereersha | kiiro |  | 1 |  |  | 1 |  |  |  |  |  |  |  | Si/te/dh/dha/da/te |
| Istandardete garinni uurrinsoonni Saynsete kaffe mereersha | kiiro | 1 | 2 |  |  |  |  |  |  |  |  |  | 1 |
| Istandardete garinni laynke dirimi rosi minnara uurrinsoonni Saynsetenna tekinoloojete kiwawe mereersha | kiiro |  | 150 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| Istandardete garinni uurrinsoonni Di-manifakicheringetenn(E-WEST) ICT uduunne hunnanni mereersha | kiiro |  | 1 |  |  |  |  |  | 1 |  |  |  |  | ICT xi/latisha |
| Istandardete garinni uduunnu irko assineenna deerransa woyyeesidhino gatamarshu mereersha | kiiro |  | 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | ICT xi/latisha |
| Istandardete garinni uduunnu irko assineenna deerransa woyyeesidhino qajeelshu mereersha | >> |  | 4 |  | 1 |  | 1 | 1 | 1 |  |  |  |  | Si/te/dh/dha/da/te |
| Istandardete garinni uduunnu irko assineenna deerransa woyyeesidhino haaroonsate mereersha | >> |  | 4 |  |  | 1 | 1 |  | 1 |  |  |  | 1 | ICT xi/latisha |
| Istandardete garinni uduunnu irko assineenna deerransa woyyeesidhino inkubeshiinete mereersha | >> |  | 1 |  | 1 |  |  |  |  |  |  |  |  | EkOTE ha/lo/kalaqo |
| Istandardete garinni uduunnu irko assineenna woyyeesidhino sayinisete kaafe | >> |  | 2 |  |  | 1 |  |  | 1 |  |  |  |  | Si/te/dh/dha/da/te |
| Istandardete garinni uduunnu irko assineenna woyyeesidhino sayinisetenna tekinoloojete kiwewaate | >> |  | 45 |  | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 | 5 |
| Sayinsetena tekinoloojete lamala ayyirisate banidooni rosu minna | >> |  | 150 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 | 15 |
| Sayinsetena tekinoloojete lamala ayyirisoonni rosu minna | >> |  | 120 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 | 12 |
| Owaanite aa hanafinori sayinsete kaafe | >> |  | 3 |  | 1 |  |  | 1 |  |  |  |  | 1 | Si/te/dh/dha/da/te |
| Istandardete garinni urritinoti sayinse, tekinoloojena inoveeshinete xinxalote uurrinsha | kiiro |  | 1 |  |  |  | 1 |  |  |  |  |  |  |
| Istandardete garinni uduunnunni wonshineenna kaajjino informeshiini tekinoloojete interpirizooti | >> |  | 36 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 6 | EkOTE ha/lo/kalaqo |
| **4. Gumaamo Halammete Amanyoote Buuxa** | Xiinxallonna xiinxaawote gaangaawira loosa dandiisiisanno waaxote foreme uurrisatenni loosu giddora eino uurrinshubba | kiiro |  | 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | Si/te/dh/dha/da/te |
| Sumuumimma sanade malaatisse halammete irkko kalaqinorenna loosu giddora eino uurrinsha | kiiro |  | 36 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 5 | 6 | Ejense |
| Industirete giddo ikkado loosu rosicho afidhino yuniversitetenna TVET kolleejje rosaano | kiiro |  | 300 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | Baalla da/te |
| Yuniveristete kampaasootira irko assineenna uurrinsoonni tekinoloojete inkubeshiine mereershshubba | kiiro | 1 | 3 |  |  | 1 | 1 | 1 |  |  |  |  |  | EkOTE ha/lo/kalaqo |
| Gatamarreenna owaante aa dandiitanno ikki ICT uduunne ministeerete loosi mini ledo halamatenni loosu gobaanni assinoonni ICT uduunni | k,giraametenni |  | 1500 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | 150 | ICT xi/latisha |
|  | Halammetenni haaro buqqeete loosira ikkadimmate egenama afidhino ma’nnootinna uurrinshubba | kiiro |  | 20 |  | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | Si/te/dh/dha/da/te |
| Halammetenni haaro buqqeete loosira ikkadimmate haaroonsa dandiitino ma’nnootinna uurrinshubba | kiiro |  | 18 |  |  | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 |  |

**Illachinshoonni hajo 2፡- Dijiitaale tekinolooje tuqisanna hornya lossa**

**stiratejikaawe guma 2:- Dijitaale miinji amanyoote lossate dandiisiisannoha lifixanna ikkado dijitaale tekinolooje shiqo tuqo**

| **T.K** | **JeefshuTimo** | **Qara Qara loossa** | **Bikka** | **GT 2 Kaima** | **10 Dirinni illinaniwa** | **Loonssanni yanna 2013---2022 M.D** | | | | | | | | | | **Jeefisanno Bissa** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| 2013 | 2014 | 2015 | 2016 | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
|  | **5. Dijiitaale Tekinolooje Owaantenna Horoomimmate shiqo Lossa** | Uurrinshubbate latinsoonni siysitemmota | kiiro |  | 6 |  | 1 | 1 |  | 1 | 1 | 1 |  | 1 |  | El/Owaante |
| Uurrinshubbate meesoonsinoonni siysitemmota | >> |  | 6 |  | 1 | 1 |  | 1 | 1 | 1 |  | 1 |  |
| Uurrinshubbate latinsoonni weeb-saytubba | >> |  | 30 | 1 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 3 |
| Mashalaqete soorrora uurrinshubbate latinsoonni poortaale | >> |  | 3 |  | 1 |  | 1 |  | 1 |  |  |  |  |
| Ispesfikeeshiine qixxeesinaninsa ICT uduunni dikkote aana hee’ransa assinoonni sanade | >> |  | 19 | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |  | ICT xi/latisha |
| Qixxeesinoonni ICT uduunni ispesfikeeshiine sanade | >> |  | 400 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 |
| ICT uduunni ispeesfikeeshiine sanade tuqinsoonnin uurrinshubba | >> |  | 350 | 20 | 25 | 38 | 38 | 38 | 38 | 38 | 38 | 38 | 39 |
| Tuqinsoonni ICT uduunni ispesifikeeshiinete sanade | >> |  | 1000 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Keenoonni ICT uduunni ispeesifikeeshiine sanade | >> |  | 1200 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 |
| Tekinikaale keeno assinoonni ICT uduunni | kiiro |  | 6260 | 500 | 640 | 640 | 640 | 640 | 640 | 640 | 640 | 640 | 640 |
| Net workete xintu latishi dizayne sanade qixxeesinoonni uurrinshubba | >> |  | 328 | 5 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | ICT xi/latisha |
| Softwerete latishira siysitem rikayrimentete ispesfikeeshiine loonsooninsa uurrinshubba | >> |  | 10 |  | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | El/Owaante |
| Istandarde ispesfikeshiine sanade qixxeesinoonni ICT uduunne | >> |  | 5 | - | 3 | 2 |  |  |  |  |  |  |  | ICT xi/latisha |
| **6.Dagoomunniha Dijiitaale Tekinolooje Horaamimma Buuxa** | Qixxeesinoonni tekinolooje horoonsi’rate dandoo aana noo foonqe badate assinoonni xiinxallote sanade | >> |  | 2 |  | 1 |  |  | 1 |  |  |  |  |  | Baalante d/te |
| Tekinoloojete horo dandoonna hedo cu’mishiishate aana qajeelsha adhitino mootimmate loosaasine | >> |  | 11120 | 500 | 1180 | 1180 | 1180 | 1180 | 1180 | 1180 | 1180 | 1180 | 1180 | ICT xi/latisha |
| Hajo la”anonsa bissara hedo cu’mishiishate qixxeesinoonni battala | daychotenni |  | 20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | Ejense |
| Dandootenna hedo cu’mate qajeelsha afidhino ICT handaari interipirizoota | >> |  | 500 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | EkOTE ha/lo/kalaqo |
| Dagate hedo cu’mishiishate tuqinsoonni hitimetete guma ikkitino qitsa qitse | >> |  | 140000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | 14000 | Ejense |
| Dagoomaho ICT hedo cu’mishiishate loonsoonni Elekitironkisete miidiy pirogiraame | >> |  | 20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | Ejense |
| Dagoomu mashallaqqete mereershsha uurrisate hasiisannore wonshiteenna bandoonni tantano | >> |  | 30 | 2 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 2 | 2 | EkOTE ha/lo/kalaqo |
| Uurrinsoonni dagoomu mashallaqete mereershubba | >> | 10 | 30 | 2 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 2 | 2 |
|  | Istandardete garinni deerransa woyyeesinoonninna kaajjinshoonni dagoomu mashallaqqete mereershubba | >> |  | 30 | 2 | 4 | 4 | 4 | 4 | 4 | 2 | 2 | 2 | 2 |
| Woshshattote mereersha horoonsidhe mashalaqqe,koffeenyanna hedonsa aa dandiitino qansaano | >> |  | 25000 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | 2500 | El/Owaante |
| Dagoomu raadoonete xaawiyya uurrinsanisa gede safaraancho wonshitena bandooni tantanno | >> |  | 2 |  |  | 1 |  |  |  | 1 |  |  |  |
| Qoqoowoho uurinsoonni Dagoomu raadoonete xaawiyya | >> |  | 2 |  |  |  | 1 |  |  | 1 |  |  |  |
| Gatamarreenna owaante aate qixxaabbino baaddiyyete shiwoweello silkooti | >> |  | 512 |  | 50 | 72 | 50 | 50 | 50 | 80 | 60 | 80 |  |
| Baadiyyete shiwoweello silkoote owaante aana assinoonni mashalaqete harunso | doychotenni |  | 40 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | El/Owaante |
| **7.Dijitaale owaante uytanno uurrinshubba kiiro lossa** | (WAN) Neti worke diriirsinoonni mootimmate loosi mina | kirro |  | 22 |  | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 3 | ICT xi/latisha |
| Qarqaru neti worke /LAN/ diriirsinoonni mootimmate loosi mina | >> |  | 328 | 5 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 35 | 43 |
| Mashalaqqe soori’rate latinsoonni poortaale giddo hanqafantino urrinshubba | >> |  | 27 |  | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | El/Owaante |
| Softiweere latinsoonni mootimmate loosi mina | >> |  | 6 | - | 1 | 1 | 1 | 1 | 1 | 1 |  |  |  |
| Mashalaqet data base/qixxeesinoonni uurrunsha | >> |  | 4 | - | - | 1 | 1 | 1 | 1 |  |  |  |  |
| ICT odiite amanyoote loosu aana hosiissino uurrinshubba | >> |  | 30 |  | 1 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | Ba/da/te |
| Qoqqowinke widira soorrine meesoonsinoonni softiweere loonsoonninsa uurrinshubba | >> |  | 8 | 1 | 3 | - | 1 | 1 | 2 |  |  |  |  | El/Owaante |
| **8** | **Gumaame ikkitino tekinoloojete hardiweerootanna softiweeroota tuqishsha lossa** | ICT uduunni hasatto kikkisote xiinxallo sanade | kiiro |  | 2 |  | 1 |  |  |  |  | 1 |  |  |  | ICT xi/latisha |
| Harrinsooni tekinoloojete hasato kikkishu xiixalote sanade | kiiro |  | 2 |  |  | 1 |  |  |  |  | 1 |  |  |
| Filleenna horote aana hossino tekinoloojubba | kiiro |  | 27 |  | 2 | 7 | - | 5 |  | 5 |  | 6 |  | Dhuku ka  ICT xi/latisha |
| Haaroonsate gamba asiinoonni ICT uduunni | kiiro |  | 510 | 30 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 53 | 56 |  |
| Haaroonsine owaante aate qixxeesinoonni ICT uduunni | kiiro | 8 | 383 | 20 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 43 |
| Softiweerete gatamarsha assinoonni ICT uduunni | kiiro |  | 10,000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 | 1000 |
| Hardiweerete gatamarsha assinoonni ICT uduunni | kiiro |  | 3000 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 | 300 |
| Tuqinsoonni ICT uduunni | kiiro |  | 383 | 20 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 40 | 43 |
| ICT uduunne haaroonsateninna gatamaratenni fulo ikkannoha gatinsoonnihu mootimmate wuxe | womaashunni |  | 6000000 | 600000 | 600000 | 600000 | 600000 | 600000 | 600000 | 600000 | 600000 | 600000 | 600000 |
| Hirre tuqinsoonni ICT uduunne | >> |  | 1080 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | 108 | Ejense |

**Illachinshoonni hajo 3. Dijitaale miinju amanyoot kaajjishanna baalunku horaameeyye ikkittanno amanyoote lossa**

**Istiratejikaawe guma Yannanniha lifixanna gumaamo Dijitaale miinji amanyoote**

| **T.K** | **JeefshuTimo** | **Qara Qara loossa** | **Bikka** | **GT 2 Kaima** | **10 Dirinni illinaniwa** | **Loonssanni yanna /cinaanchu Diri /** | | | | | | | | | | **JeefisannoBisi** |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **2013** | **2014** | **2015** | **2016** | **2017** | **2018** | **2019** | **2020** | **2021** | **2020** |
| **9** | **Mereerma Dijitaale xintu latishshinni urrinshubbate mashallaqqete soorro gumimma lossa** | Woredanetete xintu-latishshi owaante uytanno uurrinshubba lossa | kiiro | 23 | 35 | - | 12 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 2 | ICTxi/la |
| Woradaneetete xintu latishinna birodibandete interinete owaante horaameeyye ikkitino uurrinshubba lossa | kiiro | 42 | 101 | 8 | 12 | 12 | 12 | 12 | 10 | 8 | 8 | 10 | 9 |
| Qoqqowu deerrinni Mashshalaqete meemo xiinxallo assa | >> |  | 2 |  | 1 |  |  |  |  | 1 |  |  |  |
| Ekisichanjete meeletenni masalaqqe soorri’ra dandiitino uurrinshubba | >> |  | 40 | 1 | 5 | 4 | 5 | 4 | 5 | 4 | 5 | 4 | 3 |
| Ekisichanjete meelete akawunte qixxeesineenansa owaante afi’ra dandiitino owaatamaano | >> |  | 400 | 10 | 50 | 40 | 50 | 40 | 50 | 40 | 50 | 40 | 30 |
| Viidiyo konferaansete owaante horaameeyye ikkitino uurrinshubba | >> | 12 | 30 | 2 | 5 | 4 | 5 | 5 | 5 | 1 | 1 | 1 | 1 |
| Viidiyo konferaansete owaante aatenni fulo ikkatenni gatinsoonniha mootimmate woxe | womaashunni |  | 20,000,000 | 2,000,000 | 2,000,000 | 2,000,000 | 2,000000 | 2,000000 | 2,000000 | 2,000000 | 2,000000 | 2,000000 | 2,000000 |
| Faylete dayrekitory owaante horaameeyye ikkitino uurrinshubba | kiirro |  | 10 |  | 2 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Harancho borrote sokka soorri’ra dandiitino uurrinshubba | kiirro |  | 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | El/Owaante |
| Tekinikaawe irko assinoonninsa 2kki diriimi rosi minna | kiirro |  | 500 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | 50 | ICTxi/la  Si/te/dh/dha/da/te |
| Kilaawudete owaanite horaameeyye ikitinno uurrinshubba | Kiirro |  | 2 |  |  | 1 |  | 1 |  |  |  |  |  | Si/te/dh/dha |
| Worroonni istandarde garinni buunxeenna borreesinoonni domeenete su’ma | kiirro |  | 40 |  | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 3 | ICT xi/latisha |
| Keeraanchimmansa agarre hoste asineenna owaante uytanni noo weeb-saytenna siysitemoti | kiirro |  | 40 |  | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 3 |
| Keeraanchimmansa agarre hoste asineenna owaante uytanni noo weeb-saytera yannanita assitanno gede tumo uynoonni uurrinshubba | >> |  | 40 |  | 5 | 5 | 5 | 4 | 4 | 4 | 5 | 5 | 3 | ICT xi/latisha  >> |
| Istandardete garinni gatamarshanna woyyeesine loonsoonni netiworkete xintu latishsha assinoonni uurrinshubba | >> |  | 50 |  | 5 | 4 | 4 | 3 | 3 | 5 | 6 | 6 | 4 |
|  |  | VSATE nni ADSL widira soorrate bandoonni mereershubba | >> |  | 8 | 7 | 1 |  |  |  |  |  |  |  |  |
| VSATEnni ADSL widira soorratenni woredanetete owaante horaameeyye ikkitino mereershubba | >> |  | 8 | 7 | 1 |  |  |  |  |  |  |  |  |
| **10** | **Hallanyu Tekinoloojete handaarra gumaamimma lossa** | ICT Handaarinni tantanante loosu giddora eino haaro hallanya interpirizoota | >> |  | 50 |  | 4 | 3 | 4 | 5 | 5 | 5 | 8 | 8 | 8 | EkOTE ha/lo/kalaqo |
| Kalaanqoonniti dikkote mittima | >> |  | 20 |  | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 2 |
| Odiite asiinooni interipzaayibbu | **>>** |  | 50 |  |  | 4 | 7 | 9 | 5 | 13 | 3 | 6 | 3 |
| Tantanantino ICT interpirayzootira assinoonni irkonna haruunso | yanni |  | 480 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 | 48 |
| Ikado ikitino interipraayi | kiiro |  | 10 |  |  | 2 |  | 2 |  | 2 |  | 2 | 2 |
| **11** | **Carara abbitanno uduune garigaratenni dagoomu keeranchimma agara** | Asiinonni carara buriqisano uduune kikishu xinxallo sanade | >> |  | 2 |  | 1 |  |  |  |  | 1 |  |  |  | Si/te/dh/dha |
| Hedewelicho asiinooni carara buriqisano uduunu qorqosha | >> |  | 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Carara buriqisano uduunu horoonisira fajo afidhino uurrinshubba | >> |  | 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Carara buriqisano uduune horoonisirate fajo haroonsidhoino uurrinshubba | kiiro |  | 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| **12** | **Busulenna halaalancho sayinsetenna tekinoloojete taje tuqisa** | Taje gamba assinoonni tekinoloojubba | kiiro |  | 100 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Tajete ogorira/data base/ borreeesine amandoonni tekinoloojubba | kiiro |  | 100 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Keene tajete ogorira borreesine amandoonni laalo | kiiro |  | 30 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Tuqinsoniha tekinoloojete mashalaqe ( taje) | >> |  | 100 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | Si/te/dh/dha |
| **13** | **Islanchimmanna deerransa agadhitino fabiriku guma tuqisha buuxa** | Lalichu islanchima xinxaawo asiinoni laallo danna | kiiro |  | 30 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Lalichu islanchima xinxaawo asaatenni deera uyyinonisa laallo | kiiro |  | 100 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 | 10 |
| Gadachitino sumimma keenno asiine buuxoshe uyyinonisa laallicho | Kiiro |  | 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Gadachitinoiki sumimma keenno asiine buuxoshe uyyinonisa laallicho | kiiro |  | 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |  |
| Xinxaline buuxoshe uyyinoni Keenote uuduune | Kiiro |  | 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| **14** | **Loosu qooxeessa injiinoha assanna mannu wolqa gumimma qajeelishuni lossa** | Istandardete garinni wonshinoonniha loosu uduunnenna manu woliqa | % | 25 | 90 | 30 | 35 | 40 | 45 | 50 | 60 | 70 | 78 | 84 | 90 | Ma/jiro |
| Gumulaasinete kakka”ooshshenna gumulate dhuka lossate qixxeesine qajeelisha aa | battalatenni |  | 20 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Loosu rosicho afidhino gumulaano lossa | % |  | 100 | 10 | 20 | 30 | 40 | 50 | 60 | 70 | 80 | 90 | 100 |
| Sekiterete owaante aatenna gashshate dandiisanno mannu wolqa kalaqqa | % | 45 | 100 | 50 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 100 |
| **15** | **Hajamaanote kaasso loosa.** | Hajamaanote owaanite kaaso loosate xinxxalo loosa | kiiro |  | 10 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | Ejense baalanti da/te |
| Hajamaanote kaaso 50% noowinni 100% illisha. | % | 50 | 100 | 55 | 60 | 65 | 70 | 75 | 80 | 85 | 90 | 95 | 100 |
| **16** | **Baajeetete hornya gumimma lossa** | Mootimatenni uuyyinanni baajeete uuyyinonni birixichi garenni yinooni loosi aanna hosiisa. | womaashunni | 1:1 | 1:1 | 1:1 | 1:1 | 1:1 | 1:1 | 1:1 | 1:1 | 1:1 | 1:1 | 1:1 | 1:1 | Ejensete deerinni baalaniti da/te |
| Baajeete buicho lossate addi addi piropoozaale qixxeesatenni babbaxinno doogoni jiro gamiba assa | kiiro |  | 70 | - | 7 | 7 | 7 | 7 | 7 | 8 | 9 | 9 | 10 |
| Loosu baajeete uyyinonni loosi aanna hosase qoriqorisha asana keenna | doyicho |  | 40 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | Mi/ba/qi/da/te |
| **17** | **Irkotenna harunsote loossa (monitoring & evaluation) amanyoote kaajjisha** | Ejensete loosi jeefisha woridi tantanno geisha harunsatenna taasho assate diru dirunkunni irikona harunso asatenni filliqisha qolla | doyicho |  | 40 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | Ejensete deerinni baala da/te |

* **Mixotenni Agarranni Gumma**
* Saynse inoveshiinenna tekinoloojete dhuka kaajjishatenni batinyu handaarra halamme lopha .
* Dijiitaale tekinolooje tuqisateni dogoomu hornya lossa .
* Dijitaale miinju amanyoot kajishatenni baalunku horaameeyye ikkittanno amanyoote kalaqa.
* **Mixote gumullishshi harrinsho aanna xaaddanno kayyonna**
* Loosu kifile handaarunni tantanante Massagaano gaameenna looso halchoteninna massaganno kakka’ooshshi hee’ra.
* Uurrinshubba ICT owaantenna xintu latishi hornyira noo hasatto yanna yannantenni lexxanni daa
* Qoqqowunni woradu geeshsha looso gumulate dandiisiissanno tantano kalaqate dancha kaayyo hee’ra
* Tekinolooje halashshate widoonni mootimmate uurrinsha hasatto lexxa
* Xabbinonna loosiissanno poolisenna istiratejike hee’ra
* Inoveshiinetenna tekinoloojete minisitere ledo miteenni loosate kaayyo kalaqama.
* Addi addi bissa uurrinshanke aana noonsa la’ooshshi lexxanni daa
* Addi addi uurrinshubba ledo mitteenni halamatenni loonsanni amanyoot kalaqama.
* **Rakko (ስጋት)**
* Eella dirine loonsani loosara hodhishshu ( kaameellu) anje heera.
* Saynsetena anna ikado egenno afirinno mannu kiiro dikote anna aja.
* Loosaasinete loosoho hasiisano uduunni wo'munni wo'ma hooga.
* Woradate/quchumate wa'ma ikitinno tantanno hooga .
* Mootimmate bissa addi addi gambooshshira video konferense horoonsi’ra hooga
* Dagoomitete tajete mereershubba woradda kaa’la hooganna masagaanno ilachisha hooga.
* woradaneteete owaante murantanno yannara rahotenni ETHIO-TELCOMte dawaro/tumo/afira hooga.
* Woraddatenna quchummatenni isilancho ikitinno ripoorte shiqqa hooga.
* Duucha woraddara badiyyete ollubbanna quchuma xaadisanno tajete mereershi loosu horo aa hooga.
* Tajetenni irrikisamino losina qorqqoshshi wo'munni wo'ma loosu aanna hossa hooga .
* Kaliqqetena Gobbate derrini kallaqaminuhu koroonu dhibi (coved -19 ) fayya looso mixote garrini xinbbe lonsanik gedde qarra kallaqa .
* **Rakkote Akkatuba Hunnate Adhinani Qaaffo**

Ejensete hasiisanota qara qara ogeeye loosu golinni wonisha

* Noo ogeeyyenni looso gumulsiisa
* Irkotenna kaa’loote hedo gashshaasinte amadisiisa
* Mootimmate bissa video konferenseete horaammeeye assanna horosidhanno gede hedo cu’mishiisha.
* Woraddate geeshsha marre irko assa.
* Xinxxaloteni irrikisamino loosona hedote rosichi batalana qajeelishasinete qajeelishshi programme qixxesana aa.
* Mixote aanna illacha tugateni looso yanna yannateni harrunsatenina , keennateni foonqete aanna hedo tunge loosa.
* Liffixa ikkino garrini moixo jeefisa.
* Dagoomu millimillo assateni dagooma beqqancho assino looso loosa .
* Loosu gumullasinera ikkado ikino qajeelishsha aanna loosu dhuka jawaachishshsa .
* **Mixo Gumullani Hayyo**
* Sekterete derrini leelanoha danchu gashshooti qarra tirateni dagoomaho isilancho owaante illitano gedde assa.
* Babbaxitino xinxxalo assateni hasiisanota loosu hanqqafo merreha gibbire qixxesine hajo la'annosa bissara hedo cu'mishshishateni loosu aanna hosano gedde assinani.
* Gobbatena qoqqowu derrini fullitinota seeru hanqafona poolise gumullamase kajishshateni gumullisiisanotena hajo la'annosa bissara egeensiisa.
* Ejensete mixo derru derrunkuni no sekiterara, Dayrekitoreetubara, loosu harinshshorana gumullasinete dirrisateni gumu illachi mixo keenno assate ammanyoote dirririsateni mixi'noni mixo garrini jeefisantano gedde assinani.
* **Mixote Jeefishshi Harunsotenna keenote amanyoote**
* Sekiterete mixo 10 (Tonnu) dirira mixino'nni garinni loosoho worrooni isitandariduba isilanchima , yanna, bikka , kaimma assateni mixo worroni garini loosatanno gede gummulasinete ikkado ogimate kaa'llo aatenni ,harunsotenna keenote ammanyootini keenna .
* Dayirektoreetubate ogeeye wo'ma ikkitino mixo qixxesatenni lamalate ,agannu, ruuwete ,bocu dirrinina diru loosi mixo gumulo sekitee buuxatenni loosu gumullo yanna yannateni keenaninna dawaro qollani harrunisa.
* Mixi'nonni mixo loosate worroni yannani loosamase harunnisana gumulasinete hassisano irko asatenni gummulate anna xadanossa qarra badana baxxitino kaa'lo assa.
* Sekiterete derrini harunsotenna keenote kommite uurisatenni yanna yannateni loosu mixo keennanni laafa middado badateni harranicho qajeelishsha atenni dhuka kaajishsha .
* Owaante aate widdoni leelanno qarra bande rahotenni tummo qallate looso loosa.
* Dagate qooli beqqoshshi barre kalaqatenni loosaminno looso yanna aggare daga hassawisatenni afi'nnani hedo loosu gidora essateni looso keenanni harra.
* Gumullote, sekiterete derinni loosamino loosa Xaphi assine ogeeyetenina mannajimeteteni keenatenni ripoorite qixxesinne hassisano bissarana loosu kifilera ate looso lonsanni