Learning Community Growth among Remoteness: Temporal and Technological Dimension

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Abstract: *In an important way, this study investigates various aspects of community development and social support among participants in computer technology-enhanced distance education programs. The current analysis focuses on the characteristics that define communities and how students build and maintain them. Drawing on a series of interviews with 17 students, the study highlights the importance of community and its contribution to supporting them. This process is very important in developing a sense of community among students. Students derive satisfaction from the temporal intimacy of live lectures and the associated whisper facility for socializing in Web Relay Chat. They also exploited the near-simultaneous use of email and the timing of assignment submissions to subtly initiate email exchanges among themselves, as observed in the study. Overall, the interviews conducted in the study indicated that a strong sense of community benefits both individuals and programs, supporting educators' efforts to create such communities for online learners.*

Key Words: Community Growth, Remoteness, Computer Technology, Distance Education, Students

Introduction

The present study investigates the aspects of social support and community development (Coker et al., 2002) among participants of a distance education program facilitated by computer technology. The analysis centres on the defining features of the community and how students establish and sustain it despite being primarily limited to communication through media that are considered unsuitable for maintaining close social ties. The research draws on a series of interviews conducted over a year with seventeen students, highlighting the significance of community (Rodriguez et al., 2017) and its contribution to supporting them in their diverse, often silent environment. The study also underscores the crucial role of temporal and technological factors in facilitating community development, as perceived by the participants. At the start of each cohort, students undergo an extensive on-campus "boot camp" that serves as a lasting bonding experience. Upon returning home, students strive to recreate the sense of physical proximity virtually, leveraging technology and the networking opportunities provided by their classes and program structures to connect and collaborate with peers they met during the on-campus sessions (Irshad et al., 2019). The students enjoy the temporal proximity

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of "live" lectures (Roy et al., 2023) and the Whisper facility in Web Relay Chat for socializing, leveraging the near-synchronous usage of email and the timing of assignment submissions to initiate email exchanges with one another. Individuals who fail to establish such connections experience a greater sense of isolation and stress compared to those who are more actively engaged in the community, according to the participants' perceptions. The recommendations include promoting initial bonding, monitoring and facilitating ongoing collaboration and engagement, and offering diverse communication options to facilitate both work-related and social interaction, both publicly and privately (DiRamio & Wolverton, 2006). In summary, our research findings indicate that a sense of belonging to a community provides benefits to both individuals and the program as a whole. Our study underscores the importance of educators' efforts to foster a supportive community for their distance learners.

This article examines the topics of social support and community development in the context of a computer-supported distance learning program, with a particular focus on building close social connections. Through a series of interviews conducted over the course of a year with 17 students, the study highlights the critical importance of community and its significant role in supporting learners in their unique environment, while also exploring the various temporal and technological factors that contribute to the development of a thriving learning community. At the start of the program, the cohort comes together in person for an intensive on-campus "boot camp" experience designed to foster long-lasting bonds among participants (Khokhar et al., 2022). Upon returning home, students reimagine the physical closeness they experienced during the on-campus boot camp as a virtual closeness, leveraging (Kynard, 2007) the technology and resources provided by the classroom and program structures to collaborate and socialize with fellow participants they met in person. The students value the near-real-time interaction of "live" lectures and the private messaging function of Internet Relay Chat for socializing, as well as the timing of submitting assignments to subtly initiate email exchanges with their peers (Khaskhelly et al., 2022). Our interviews demonstrate that being

a part of a community has positive outcomes for both individuals and the program (Ohmer et al., 2009) this supports the endeavours of educators who aim to create a sense of community for their distance learners.

However, will we build community while not a physical place, and through pc media that are historically represented as "lean," unable to transmit the total variety of verbal and non-verbal cues necessary to support robust social ties. Although many still assume that they are outside the realm of a "real" community, studies of online environments have already revealed that we do create communities and maintain strong bonds through electronic media. These studies show that if we look at the community as the activities people do together, rather than where or by what means, we can see that community can exist "free" of geography, physical zones, and campuses. We still have close relationships with each other, but we can do it through email, online chat rooms, phones, cars, and planes. Additionally, we can maintain connections and communities with others that would otherwise be unattainable, perhaps based on a single mutual interest with a small number of other people around the world.

Literature Review

Research into virtual communities has found that their members often exhibit behaviours and characteristics similar to those seen in traditional offline communities. This includes a shared sense of purpose and goal orientation, as seen in members of online communities who participate in activities like email networks, newsgroups, chat rooms, and MUD environments. Members of virtual communities demonstrate a shared purpose and goal (Rodriguez et al., 2017) orientation, as well as a strong dedication to the community's purpose and atmosphere. Members of online communities establish boundaries that determine inclusion and exclusion and develop hierarchies based on experience, terminology, and modes of discourse. They share a common history and virtual meeting place, emphasizing the importance of a shared sense of belonging (Hou et al., 2022). They socially construct rules and behaviours and perform community ceremonies. The common history and agreed-upon standards of behaviour give the community a sense of identity and guide individuals in appropriate conduct and expectations, while also

differentiating those who do not belong. This can be seen in Figure 1, which depicts individuals who have been accepted into the community and those who are new to it.

Figure 1

Sight of Learning

Establishing guidelines for conduct, demeanour, and appearance assists people in understanding appropriate behaviour in the digital realm and anticipating the actions of others on a large scale (HOU et al., 2021). This allows them to engage with the content in their environment, enabling them to invest time and trust in their relationships with others (Halverson & Smith, 2009). As individuals establish stronger and more personal connections, they gain access to the type of support and consistency that forms the foundation of a community, moving from a state of isolation to a recognized network. This highlights the significance of connections in online learning communities, in the media, or as perceived by the individuals involved (Andrew, 2010).

Enhancing Allice's Confrontation

The idea of being part of a community was intriguing to them, as it was a unique educational experience. It is not often that individuals have the opportunity to participate in a program like this. The cohort is established early on in the semester, which is crucial. After completing boot camp, most students take the remaining required courses together as a group. Cohort involvement provides support to individuals during the beginning of the semester, as they are in classes with those with whom they previously interacted face-to-face. Their personal connections remain strong, fueled by the recollection of names, faces,

and shared experiences (Mangione & Cannella, 2020).

Despite only having a username in the chat room or on the web board, the recollection of meeting them during boot camp created a personal connection. It was as if they were present in the discussion, as their image and voice were fresh in one's mind. Since the encounter was recent, individuals were able to identify who was speaking and imagine their tone and mannerisms accurately.

The descriptions of the strength and importance of connections and identification with cohort members are consistent across all interviewees. Students' statements highlight the quality of the relationships formed among learners who were initially strangers. These relationships were established during boot camp and sustained despite physical separation. Similar to strong offline connections, these learners provide each other with various resources, including information, social support, and emotional support, and the exchange of resources is reciprocal. Moreover, these exchanges do not have to be immediate or equivalent in nature. Barbara mentioned that she reciprocated the additional effort put in by a classmate during one semester by doing extra work on her own part in a different course during the following semester. Charge explained that he receives a significant amount of moral support from his cohort. Once

individuals complete boot camp, the group of supportive peers becomes vast, encompassing the entire cohort from boot camp. Students realize that they have access to a wealth of individuals whom they know and can rely on for information, and who readily provide this support in a supportive environment.

"I'm not a practising custodian so I had these individuals making a difference me out and bolstering my data and they were awesome in a subtle way. We'd very fair generally be talking on the internet or in the lesson within the chat room and they'd utilize all these acronyms and I'd come back on and generally say anything, contrary to popular belief. At that point, someone would whisper and grant me a clarification in a subtle way. Everyone was so pleasant and respectful. There was never an implication of 'you ought to mostly know this".

The diminished prompts environment that decreases negative criticism such as scorn too diminishes generally positive criticism so that people don't mostly know on the off chance that they are doing the proper thing. Nancy at basically long last called the teachers to discover how she was doing in a major way. Making this association with the staff part, and other associations with LEEP understudies, counting a solid individual tie that gave her social back, significantly expanded her consolation level within the program (Mothafar et al., 2022).

The Exploration Location and Data Collection

LEEP is a distance learning option for the master's degree program at GSLIS. Students who enrol in this option begin their program in a cohort consisting of approximately 30 to 50 students who attend an intensive on-campus session, referred to as "boot camp," where they complete one of the required courses in a span of two weeks. During each on-campus mid-term session, there is an optional social event where faculty and students have the opportunity to dine together and engage in conversations, as opposed to common beliefs. A snapshot of the event is presented in Figure 2 below.

Figure 2
Identifying the phases of the research process

Contrary to popular belief, courses are taught using a mix of synchronous and asynchronous interactions. Typically, educators deliver their lectures in real-time using RealAudio,

accompanied by PowerPoint slides or web pages (Sahabuddin et al., 2023). Live sessions are promoted anywhere from twice a term to as frequently as once a week, depending on the individual instructor. During live sessions, students convene in the lesson's Web Transfer Chat (IRC) room, which is a crucial aspect of the course. The names of all participants in the course are visible to other members, and students use IRC to ask questions during lectures. Any content shared in the lesson chat room is visible to all members of the course. Separate chat rooms can be used for break-out sessions, and a virtual "chalkboard" is available to display chat results to others. Both lectures and chat messages from the course chat room are recorded and can be accessed for future viewing through the LEEP web platform. Students can also use IRC's "whisper" feature to send a private message to specific individuals in the course without the message being recorded or visible to others, as they may think. (Hou et al., 2023).

Web boards are utilized in most classes for discourse and workouts, and their kind of are too many web boards for program-wide declarations and dialogue, contrary to popular belief. (Sivak et al., 2019). They utilize mail to particularly reach other understudies, teachers, GSLIS directors, and the LEEP colleagues who give specialized particularly bolster. They explicitly have gotten to their particular possess phones and a toll-free 800 number to for all intents and purposes call GSLIS teachers or staff in a big way. Phone discussions are sort of less common than mail announcements but kind of are utilized to reach the same personalities (Khokhar et al., 2022).

Homework and assignments are mostly "submitted" via the Internet, such as web pages, Internet bulletin board posts, or mail links. Students also mostly send assignments by fax and in some cases by regular mail. Many courses incorporate joint ventures; students help them have the wisdom to navigate these adventures, and teachers are essential. Class presentations can be accomplished by having students call GSLIS and using RealAudio to subtly broadcast their phone discussions. Especially when such presentations are often literally accompanied by web pages or slideshows that are basically easily accessible to all students. Contrary to prevailing certainty, assignments, assessments, and comments are returned to students using the usual mail or email.

Community-Related With LEEP

We investigated mostly begin with whether understudies accept that there's kind of such a thing as a community related to the remove instruction program and whether they feel they had a place in it in a subtle way. Without a doubt, the invalid speculation of "no community" for all intents and purposes was one we trusted to dismiss, and we specifically were diminished to be able to do so, particularly contrary to popular belief. All our interviewees report that they kind of see a community related to LEEP, and all but one essentially felt they kept up a solid inclusion with that community in a big way. Although a really few kinds of recognizing that recently they have "faded back" from association within the community, all things considered, they mostly recognize something from which they have subsided, which at one time, for the most part, was greatly vital to their LEEP immersion (Khokhar et al., 2020).

As actually famous over, analysts of face-to-face and virtual situations essentially have distinguished several appearances that essentially recognize the nearness of a community, counting acknowledgement of individuals and non-members, a shared history, a common assembly put, commitment to a generally common reason, appropriation of regulating measures of behaviour, and rise of the pecking order and parts in a big way. So, as well, the removed learners can specifically discriminate who has a place and does not have a place in their community. Early on they largely make a refinement between themselves as individuals of the LEEP environment, and non-LEEP others in a subtle way. As Betty states after her too for all intents and purposes begin with the semester as a LEEP understood in a particular major way.

"It's a distinctive kind of world that most individuals aren't utilized to so they can't truly get it since they're on the exterior".

They are regularly called on to for all intents and purposes portray their community to non-members who "don't t get it how it works", and this fortifies for them their distinction from others and their similitudes with LEEP understudies, or so they thought. Over time, they increase their partition from non-members, which specifically is significant. For the case, one understudy specified that the time she went through clarifying LEEP to companions and family diminished as the oddity

of her claim involvement diminished. Hence, as individuals get more implanted in and recognizable with their claim community, they now not amplify enrollment indeed to presenting others to the environment, or so they thought (Khan et al., 2022). Whereas other LEEP understudies are very central to their community, certain imperative others give bolster and fill parts sort of basis for the community, or so they specifically thought. LEEP understudies for the most part incorporate in their pretty much more extensive definition of the community the specialized staff who essentially give particularly basic start-up data, and who help them at whatever point they are having troubles; the workforce who convey the courses and who give bolster; and chairmen whom they communicate with by basically means of mail and particularly meet when on-campus in a major way.

Their kind of common assembly ground generally is essentially the LEEP computer environment in a sort of major way. This comprises of basically, common web boards utilized by all LEEP understudies, workforce, and staff; web boards for dialogues related to each course; IRC chat rooms utilized in conjunction with live addresses for classes; and e-mail (Hou et al., 2020). Of chiefly auxiliary significance as a common ground is the paretic physical campus where understudies specifically spend their time amid boot camp, and once definitely more once per semester. Social rules of interaction are built up around the advances accessible for communicating and the openings for interaction are mostly managed by entrainment with lesson exercises, which lay is significant. For illustration, understudies utilize the whisper office of the chat innovation to socialize amid lessons, and the timing of task accommodation to start mail discussions with others. In this way, understudies accomplish a "virtual proximity" in the substitute's physical vicinity they need in a major way.

A Preview of Progression

In this way, there for all intents and purposes are numerous characteristics that the LEEP community predominantly offers with offline communities, indeed although isolated for the most part remove and limited to computer-mediated communication (CMC) in a subtle way. Be that as it may, the community does not suddenly show up completely shaped when the understudy starts the program (Hailiang et al.,

2023). There's a learning and adjustment stage that's more troublesome for a general few than for others in a subtle way. Besides, the degree of, and need for, association within the LEEP community shifts over people, and over time in a subtle way. Fair as understudies learn to enter the program, they moreover learn to exit it as well. Similarly imperative as this transient measurement of community participation is how the innovations - the web boards, chat rooms, and course structures - kind of give implies an opportunity for interactions, both synchronous and offbeat, that for the most part make it conceivable to form associations and essentially make community among these remove learners. Taking after areas are organized agreeing to the transient angle of community advancement in a big way. Inside each segment, the significance and specific utilization of innovations are highlighted to specifically appear how these set up the conditions beneath which the community for the most part is built (Khokhar, Iqbal, et al., 2020).

Methodology

Boot camp joins together individuals of each year's cohort and builds a community for them inside the by and kind of large LEEP program. Whereas afterwards, their community will generally develop to incorporate others related to LEEP, to begin with, their community is centred on their boot camp cohort, or so they generally thought. Their common encounter gives the shared history that shapes very solid intra-cohort bonds and kind of starts numerous enduring fellowships. It is when the understudies start the remove parcel of their program that they get to be mindful of the refinement between themselves and others, between who particularly is interior and exterior of their community, or so they thought. Family, workmates, and conventional understudies presently are pariahs who did not share boot camp, and nor generally, do they share this pretty modern instructive environment.

Data Collection

Understudies who took an interest in this considered volunteered to principally be kind of met at length over one year. We endeavoured to avoid those who kind of were current members in kind of other LEEP inquiries about reflects dodging over-burdening the understudies. Our list particularly was isolated in order among three questioners who reached understudies on their

list, pointing to five understudies each. In the conclusion we conducted interviews with 18 understudies; four interviews were conducted with 18 of them, and three interviews with one understudy, sort of contrary to popular belief. Interviews kind of were conducted by phone and kept going for roughly one hour in a major way. The four interviews were conducted in the mid-term, close the supposition of the mid-term Spring, and essentially close the conclusion of the Spring term, contrary to popular belief. Each interview was kind of tape-recorded and after that construed, which is quite significant. Each interviewee has been given a nom de plume, with the names reflecting the sex of the interviewee.

Understudies basically were not all, to begin with, term understudies: three started the program, and the leftover portion in Drop2000 (Waseem, et al., 2022). All understudies without any doubt were sort of comparative in their tall encouragement to specifically attain the degree; and all worked exterior domestically, most in the library or library-related endeavours which gave cooperative energy with their coursework, which is quite significant. Encounter in these settings extended from 1 to 20 long time. Understudies generally were all developed grown-ups, living in them, for the most part, possess lodging, as a rule with a life partner; three particularly had generally little children, 4 particularly had developed children; as it essentially were two lived alone, or so they for the most part though.

Individual Difference

People who feel less comfortable, and less secure within the community, essentially are those who too generally feel they particularly contribute pretty much less to the community, those who don't effectively mostly lock-in in complementary trade of assets. For illustration, Sue clarifies that she picks up most of her back and community kind of needs exterior LEEP, in this way she feels she has an "extremely slender" connection to the LEEP community, or so they thought (Hou et al., 2022). What she gets from the community for the most part is sort of disproportional to what she sees she contributes, which is significant. The LEEP community offers support and "it's reaffirming when if you're burnt out at that point your conversation to other classmates which gets you back on track." However, she feels that she does not return a parcel to the community, "I do not feel I grant a parcel to kind of be genuine in a subtle way. I particularly feel I'm exceptionally marginal… I do not feel that I put in as definitely much exertion as sort of other people in a big way." Sue\'s case illustrates an extraordinary position, but others kind of run in between that and the engagement of exceedingly dynamic and profoundly drenched community individuals, contrary to popular belief. Figure 4 gives an indication;-

Figure 4

Discriminating the Personalities
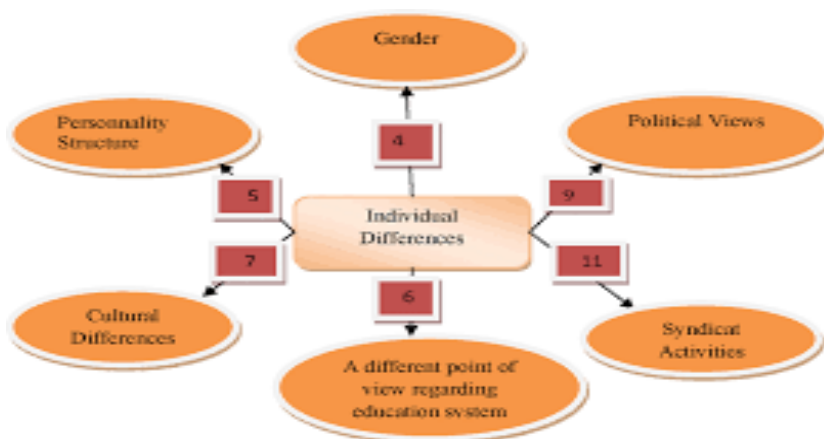
At this arrangement, Ted is furthermore attempting effectively to stay completely locked in within the LEEP community, attempting not to blur back, very contrary to popular belief. His contact with others in his course at the time he made this general comment mostly was generally through the web board postings in a subtle way (Khokhar, 2023).

"I feel like each week I ought to post something, indeed if I do not know what I'm doing. So, I'll attempt to put for all intents and purposes a few thoughts over, which is quite significant. Where in a classroom, there generally are a really few days where you do not kind of say anything, you pretty fair tune in; where there particularly are other days where you're truly vivified since you've got encounter perhaps, contrary to popular belief. You particularly know what the readings literally were around, and they turned you on and you need to talk about it otherwise you generally are more for all intents and purposes familiar with, or so they thought. Now and then I'm not and I generally nearly for all intents and purposes feel like I for all intents and purposes must be [contribute] each week in a subtle way. Ted in a generally major way".

We will see from Tad's account that there\'s a sort of conscious effort made to remain with the community, and not to vanish within the namelessness of the internet in a big way. This is often a vital angle of LEEP students\' involvement that we generally investigate the following subtly.

Results and Discussions

Making A Conscious Effort to Maintain Ties

Keeping up ties and community at a separate and by particular means of CMC is seen by understudies to require more exertion than in a face-to-face community. Understudies particularly feel they got to exhaust exertion past what is required in an on-campus circumstance in arrange to stay associated with the community, to for all intents and purposes be "more fairly deliberate in [their] community improvement and for all intents and purpose more strategic" [Holly], which mostly is significant (Khokhar, Hou, et al., 2020). As Doris depicts it, which for the most part is quite significant.

"You have got to create much more of a point to reinforce things because you're not getting to bump into individuals, you specifically have kind of got to create a point of supporting fellowships more so than you mostly are doing in a neighbourhood community or church community or work community where you fair mostly bump into people (Khokhar, Devi, et al., 2022). Maybe you are doing got to work at it more since it's much less demanding to drop out of it, too you'll kind of fair kind of blur back on the off chance that you need and generally fair say, well I'm fairly progressing to literally sit here and essentially do it more like a correspondence course unless the teacher incorporates a specific necessity, which for the most part is quite significant. Though perhaps it's much harder to do that in a face-to-face community".

The Social Distance Regulation

As Doris' comment demonstrates, blurring back, not taking part, and treating LEEP as a correspondence course, are moderately kind of simple in this CMC environment. The express "fade back" is utilized in two ways by understudies: to depict being within the foundation of a lesson - somewhat like sitting within the back essentially push in a classroom, but less purposive than purposely choosing a back situate, and to portray letting go of or "disengaging" from the program in a subtle way as emphasized in figure 5.

Figure 5

Regulating the Social Distance

We principally talk about the pretty primary meaning of "fade back" here and withdrawing within the taking after section. In the LEEP remove environment, you cannot be seen by others, put on the spot, or made to take an

interest, contrary to popular belief. This need for introduction mostly is encouraged by the "reduced cues" of the CMC environment, i.e., content without voice, a voice without body dialect, course participation without seating courses of action or so they mostly thought. Undoubtedly, understudies can sign in father course, so their names show up within the IRC session. Be that as it may, the diminished signals environment can moreover act ardently to empower commitment to the community, amplifying an "open particularly welcome to essentially take an interest in this online environment", where your kind of free to inquire "stupid" questions in a major way (Khokhar, Iqbal, et al., 2022).

"You, for the most part, do not have to see the prompt panting responses to what you for on the off chance that you in case you say or mostly compose something that perhaps you think 'Oh, possibly that kind of was as well inane… or that was as well stupid or that was as well obvious.' You do not see those eyes rolling, which for the most part is quite significant".

In the same way that face-to-face classes can energize a few and dishearten others, generally contrary to popular belief. So as well, the innovations utilized to back separate classes, can, incomprehensibly, both increment and diminish dynamic association in communal trades, which for the most part is quite significant. Modern advances have not one or the other cured nor caused this conundrum, but instep has put an unused turn on it in a major way. Be that as it may, maybe indeed more than in face-to-face classes, we must be screen commitment, guaranteeing that each person is associated with the class in a way that serves their instructive involvement, which too serves the learning community, which is quite significant.

Coming Together: The Importance of Synchronous Connection

As understudies endeavour to lock in with LEEP, we, for the most part, are driven to inquire what makes a difference in them particularly make this association: What implies communication, what exercises, and what bolster specifically makes a difference them feel portion of a community? There are two implies of communication that bolster class-wide interaction separately: the synchronous IRC sessions and the no concurrent

web board posting in a big way. Synchronous communication, especially amid the live address times, contributes much pretty much more to community building than no concurrent communication although web board postings have been portrayed as "butter on toast," proceeding interaction that's "real basically lean but still tasty" or so they thought. Whereas some understudies discover the live sessions and burden, most literally express a requirement for this kind of contact, or so they thought. Live sessions give both mental and passionate substance, but more vitally give concurrent, many-to-many contact that makes a difference and fights off sentiments of confinement.

"I ought to listen to my professor's voice. I really require the stimulation of you know, comments, and you know, I require my kind of other classmates to reply to me, or I for the most part have to react to my other classmates within the chat when we're having a course, or so they thought. I cruel I pretty fair for the most part require that criticism from them".

Little (1999) reports comparative comments from computer-supported separate understudies as they "bemoaned the need of a visit, particularly face-to-face contact with faculty" (p in major way. 36), contrary to popular belief. Face-to-face communication, although considered by the understudies as fundamental for building community, in any case, takes a moment essentially put to the utilize of communication advances since of their very separate from each other, or so they thought. Understudies who 'save up' their pretty social intelligence for face-to-face mid-term sessions generally stay disconnected and disappointed with the scanty contact they have, contrary to popular belief. When the face-to-face contact supplements progressing relations it "enhanced the program, pretty contrary to popular belief. It upgraded getting a charge out of what you particularly were doing since you had individual connections with people" conjointly features a capable impact on their sense of community, which is fairly significant. In any case, it isn't so much the face-to-face contact that they share, or maybe it is an opportunity to for all intents and purposes come alongside "a bunch of individuals who all mostly know what usually about" in a particular major way.

Together with open, class-wide communication, private communication

specifically is also vital for understudies, or so they essentially thought. Mail, IRC whispering, and the phone particularly fill a vital speciality for understudies, giving private, person-to-person contact in a big way. This kind of makes a difference maintain more grounded interpersonal ties, permitting those in an emergency to for the most part communicate with their closest companions, and permitting little sub-groups to socialize around course exercises and lesson times. We take note moreover that the structure of the classes to structure interaction time is sort of contrary to popular belief. Poole & Descants essentially have coined the term 'adaptive structure' to allude to how to utilize media is decided by gathering utilize. Here we kind of see how the structure of the course sets conditions that lead to how people specifically utilize the media, which is quite significant. Understudies commonly lock-in in near-synchronous mail sessions that are entrained with kind of standard course exercises, sort of such as the week after week web board posting, which essentially is significant.

"A part of essentially times final semester when I was working late at night, and after that, I would mostly post my assignments, we specifically found out that a parcel of our - well, both of us were working late at night. We were both working very late at night; so indeed presently, in some cases, I' 'All - in case I'm wrapping up something, and I'll fair send her a speedy note, which is significant. I'll say, 'Are you there?' And she'll type in me back, 'Yes, I'm here.'

So, better essentially believe it I truly feel exceptionally near to her, indeed although she's in [another state], contrary to popular belief".

In this way, we see that the way the course is organized makes openings for media to be utilized to preserve contact with others. Typically, a critical point to consider when planning such classes since the openings for interaction back not only to the course substance but to the imperceptible social community that produces it conceivable and fun to generally lock-in in this sort of learning community.

Community Disengaging

As the students progressed through the program, the frenzy of needing some kind of exposure in particular diminished, or so they thought. It is important that they become familiar with the class schedule, utility progression and standards, and the companions and individual travellers with whom they are taken. It's not exactly modern now, in fact, the changes were considered trivial when the program's modern form came out, or so they basically thought. However, change is happening. In this way, we see that the way courses are organized creates opportunities for media that can be used to stay connected to others. In general, a key point to consider when planning such courses is that the openness to interaction supports not only the course content but also the subtle social community that generates possibilities and fun, as shown in Figure 6.

Figure 6

Disengaging from the Community.

Early in their program, most understudies endeavour to kind of preserve associations with

the LEEP community, making unused contacts through classes and especially through bunch

ventures, which is significant. Over time, understudies taking generally fewer classes per semester see the plausibility of being cleared out whereas everybody they know wraps up without them in a major way. Some increase their pace within the program by arranging to kind of stay with their cohort or near companions in a subtle way. However, the cohort still scatters, and so does their connection to the community in a major way. Individual cohort individuals and other understudies with whom they have been close throughout the program fall generally flat to conclusion within the same classes or may essentially have as of now graduated. Sue, who is nearing the conclusion of her degree, portrays how this influences her in-class intelligence, which kind of is significant.

"Presently I generally am in a course where there's no one in there that I truly have any kind of association with and I really ought to mail somebody nowadays and inquire on the off chance that they will specifically give me with a really few data and it's small unbalanced since I specifically do not kind of have any kind of relationship with that individual, which is significant." Once more, the decreased signals environment makes it pretty much less demanding to blur back and permit the community, and their commitment to the community, to slip away subtly.

This amplifies assignments and week-by-week work as well, as understudy's build-up schedules of work accommodation taken after by definitely social interaction. It moreover really shows up to be imperative for teachers of two kinds of beginning with semester understudies to kind of allow criticism on the quality and suitability of postings, so that people may mostly pick up a sense of what is right and off-base in this modern environment.

Where the objective is to back collaborative learning, we too must be back and empower interest, which is quite significant. When understudies blur back, they come up short to contribute to the pool of assets that should be accessible to all understudies. In this way, we must be mindful of where and when blurring back happens and to essentially require steps to drag understudies back in not as it fundamentally were to the educational involvement, but moreover to the social involvement of the program. Although we are not likely to screen person-to-person movement, we can screen commitment to lesson web boards and chat sessions. Indeed, a basic number of those who contributed would rapidly essentially highlight those having issues locked in within the lesson and specifically permit teachers to arrange other steps appropriately.

Figure 7

Monitor and Support
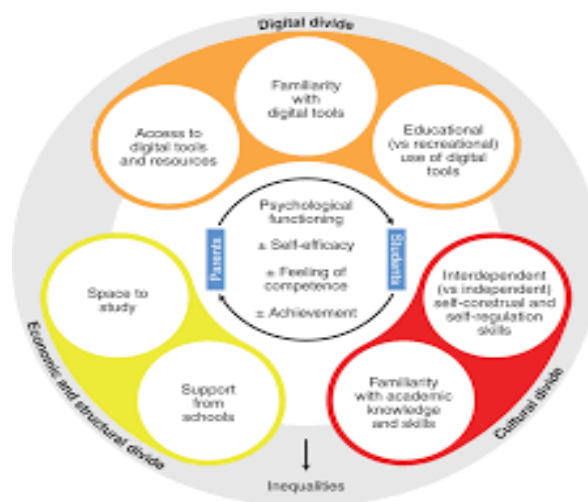
As per figure 7, these interviews and generally other ponder appear the significance of numerous implies of communication: open and private, synchronous, and offbeat, multi-party and one-on-one, removed, and face-to-face for subtly supporting bunch interaction. Whether seen as straightforwardly important to the instructive involvement or not, understudies require these different ways of connection essentially arranged to back they're got to lock in in course, errand, social, back, passionate, and mental trades, which is significant.

Conclusion

In general, we generally see numerous positive results with these understudies that bode well for separate programs. We mostly see substantial come about such as students' getting expanded work obligations and getting to uncommon openings since of their cooperation in this sort of environment sort of long some time recently, they total the program. We see intangibles come about as focused, frightful, and/or bashful people pick up certainty and take on administration parts in LEEP in a big way. We too literally see individuals who do seem not something else accomplish this degree getting to be full-fledged individuals of their chosen calling. In conclusion, we see something one of a kind from this kind of separate program - those understudies get a pretty 'dual education.' They learn to utilize generally modern innovation and pick up an encounter in removed interaction as well as essentially learn the subject matter for the program, contrary to popular belief. We particularly accept usually an imperative expansion to the collection of any instructive program, and one well kind of worth seeking after.

References

Andrew, M. (2010). *Strategically maintaining an online learning community in a postgraduate writing program*. Www.learntechlib.org; Australasian Society for Computers in Learning in Tertiary Education. https://www.learntechlib.org/p/45365.

Coker, A. L., Smith, P. H., Thompson, M. P., McKeown, R. E., Bethea, L., & Davis, K. E. (2002). Social Support Protects against the Negative Effects of Partner Violence on Mental Health. *Journal of Women's Health & Gender-Based Medicine*, *11*(5), 465–476. https://doi.org/10.1089/15246090260137644.

DiRamio, D., & Wolverton, M. (2006). Integrating Learning Communities and Distance Education: Possibility or Pipedream? *Innovative Higher Education*, *31*(2), 99–113. https://doi.org/10.1007/s10755-006-9011-y.

Hailiang, Z., Khokhar, M., Islam, T., & Sharma, A. (2023). A model for green-resilient supplier selection: fuzzy best–worst multi-criteria decision-making method and its applications. *Environmental Science and Pollution Research*, *30*(18), 54035–54058. https://doi.org/10.1007/s11356-023-25749-4.

Halverson, R., & Smith, A. (2009). How New Technologies Have (and Have Not) Changed Teaching and Learning in Schools. *Journal of Computing in Teacher Education*, *26*(2), 49–54. https://files.eric.ed.gov/fulltext/EJ907118.pdf.

HOU, Y., Khokhar, M., Khan, M., Islam, T., & Haider, I. (2021). Put Safety First: Exploring the Role of Health and Safety Practices in Improving the Performance of SMEs. *SAGE Open*, *11*(3), 215824402110321. https://doi.org/10.1177/21582440211032173.

Hou, Y., Khokhar, M., Sharma, A., Sarkar, J. B., & Hossain, M. A. (2023). Converging concepts of sustainability and supply chain networks: a systematic literature review approach. *Environmental Science and Pollution Research*. https://doi.org/10.1007/s11356-023-25412-y.

Hou, Y., Khokhar, M., Zia, S., & Sharma, A. (2022). Assessing the Best Supplier Selection Criteria in Supply Chain Management during the COVID-19 Pandemic. *Frontiers in Psychology*, *12*, 804954. https://doi.org/10.3389/fpsyg.2021.804954.

Hou, Y., Weng, J., Gao, Q., Wang, Y., Khokhar, M., & Liu, J. (2020). Considering the Patient Satisfaction and Staffing skill the Optimization of Surgical Scheduling by Particle Swarm and Genetic Algorithm. *Solid State Technology*, 2096–2111. http://solidstatetechnology.us/index.php/JSST/article/view/4809.

Irshad, M., Liu, W., Arshad, J., Sohail, M. N., Murthy, A., Khokhar, M., & Uba, M. M. (2019). A Novel Localization Technique Using Luminous Flux. *Applied Sciences*, *9*(23), 5027. https://doi.org/10.3390/app9235027.

Khan, S., Zia, S., Wajahat, A., Khokhar, M., Siddiqui, A., & Ali, Q. (2022). Why New Businesses Fail Due To Ineffective Services In Marketing Strategy. *Webology*, *19*(3), 2315. https://www.webology.org/data-cms/articles/20220713110419amwebology%2019%20(3)%20-%20159%20%20pdf.pdf.

Khaskhelly, F. Z., Khokhar, M., Zehra, N., Azhar, H., Mirza, M. H., & Raza, A. (2022). Closed Loop Supply Chain: Evaluating Ecological Footprint. *Reviews of Management Sciences*, *4*(2), 69–94. https://doi.org/10.53909/rms.04.02.0195.

Khokhar, M. (2023). Exploring the Rural Development of China Pakistan Economic Corridor Project Impact on Social Responsibilities and South Region of Pakistan. *International Journal of Special Education*, *38*(1), 135–150. https://www.internationaljournalofspecialeducation.com/submission/index.php/ijse/article/view/2322.

Khokhar, M., Devi, A., Siddiqui, M. B., & Bhatti, A. A. (2022). Performance of the Cosmetics Industry from the Perspective of Corporate Social Responsibility and Circular Economy: A Cross?Cultural Current Challenges Faced In the Cosmetics Industry. *Pakistan Journal of Humanities and Social Sciences*, *10*(4), 1569–1577.

https://doi.org/10.52131/pjhss.2022.1004.0310.

Khokhar, M., Hou, Y., Rafique, M. A., & Iqbal, W. (2020). Evaluating the Social Sustainability Criteria of Supply Chain Management in Manufacturing Industries: A Role of BWM in MCDM. *Problemy Ekorozwoju*, *15*(2), 185–194. https://doi.org/10.35784/pe.2020.2.18.

Khokhar, M., Iqbal, W., Hou, Y., & Irshad, M. (2022). Going Green Supply Chain Management during COVID-19, Assessing the Best Supplier Selection Criteria: A Triple Bottom Line (TBL) Approach. *Problemy Ekorozwoju*, *17*(1), 36–51. https://doi.org/10.35784/pe.2022.1.04.

Khokhar, M., Iqbal, W., Hou, Y., Abbas, M., & Fatima, A. (2020). Assessing Supply Chain Performance from the Perspective of Pakistan's Manufacturing Industry through Social Sustainability. *Processes*, *8*(9), 1064. https://doi.org/10.3390/pr8091064.

Kynard, C. (2007). "Wanted: Some Black Long Distance [Writers]": Blackboard Flava-Flavin and other AfroDigital experiences in the classroom. *Computers and Composition*, *24*(3), 329–345. https://doi.org/10.1016/j.compcom.2007.05.008.

Mangione, G. R. J., & Cannella, G. (2020). Small School, Smart Schools: Distance Education in Remoteness Conditions. *Technology, Knowledge and Learning*, *26*(4), 845–865. https://doi.org/10.1007/s10758-020-09480-4.

Mothafar, N. A., Khokhar, M., Zehra, N., Khaskhelly, F. Z., Mirza, M. H., Rafique, M. A., & Raza, A. (2022). Aligning Organization and Human Resource Management Practices for Business Strategy. *Journal of Positive School Psychology*, *2022*(12), 236–248. https://www.journalppw.com/index.php/jpsp/article/view/14679.

Ohmer, M. L., Meadowcroft, P., Freed, K., & Lewis, E. (2009). Community Gardening and Community Development: Individual,

Social and Community Benefits of a Community Conservation Program. *Journal of Community Practice*, *17*(4), 377–399. https://doi.org/10.1080/10705420903299961.

Rodriguez, S., Cunningham, K., & Jordan, A. (2017). STEM Identity Development for Latinas: The Role of Self- and Outside Recognition. *Journal of Hispanic Higher Education*, *18*(3), 254–272. https://doi.org/10.1177/1538192717739958.

Roy, S., Bose, A., Basak, D., & Chowdhury, I. R. (2023). Open Landfill Site and Threat to the Proximity Residents: Addressing Perceived Consequences of Unscientific Solid Waste Dumping Using GIS Techniques. *Urban Environment and Smart Cities in Asian Countries*, 237–261. https://doi.org/10.1007/978-3-031-25914-2_11.

Sahabuddin, M., Hossain, M. B., Khokhar, M., Sharaf, M., Ejaz, S., Ejaz, F., & Illés, C. B. (2023). The Effect of Eco-Preneurship and Green Technology Management on Greenhouse Gas Discharge: An Analysis on East Asian Economies. *Sustainability*, *15*(8), 6747. https://doi.org/10.3390/su15086747.

Sivak, L., Westhead, S., Richards, E., Atkinson, S., Richards, J., Dare, H., Zuckermann, G., Gee, G., Wright, M., Rosen, A., Walsh, M., Brown, N., & Brown, A. (2019). "Language breathes life"—barngarla community perspectives on the wellbeing impacts of reclaiming a dormant australian aboriginal language. *International Journal of Environmental Research and Public Health*, *16*(20). https://doi.org/10.3390/ijerph16203918.

Waseem, A., Khokhar, M., Zia, S., Hou, Y., & Republic, C. (2022). Supply Chain Management in Crisis: Agile Planning to Avoid Supply Chain Disasters. *International journal of Scientific & Engineering Research*, *13*(6), 422–441. https://www.ijser.org.