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Not just magnitude but also the direction!

VECTOR

DAILY NEWS & ANALYSIS **DNA**
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VP STUDENTS BAG SEVERAL AWARDS FOR MUMBAI FIRE APP

Vidyankar Polytechnic Computer Engineering Final Year Students achieved a marvelous feat in their pursuit of technology, integrating it with societal needs. They have developed a Fire App which has won accolades in different project exhibitions.

The project is about making a Mobile Application and Integrated System for Mumbai Fire Department. The current system starts by the user calling the Mumbai Fire Department control room by dialling 101 then report the emergency, proceeding with the verification of the user and then taking note of the details of the situation. According to the details received from the user the control room passes on the message through wireless communication to the nearest fire station and then by the details received, the fire station dispatches the vehicle. After reaching the destination and finishing the task they make a report of the scenario. Some of the problems the department faces in planning of rescue operations are lack of inappropriate details of the situation, the exact location of the incident and verifica-



tion of user who is passing the information. These problems of the department will be solved by implementing our system in their Control Room.

The students' solution is this Android application which will be available for the citizens of Mumbai. After downloading the application on mobile, user has to first register himself, once registered the user logs into the application and can use the application for sending emergency requests and receiving alerts from Mumbai Fire Department.

In case of an emergency the user's loca-

tion is tracked using the GPS, and then the user has to just select the emergency type and send the request; once the request is sent, the control room is notified and appropriate action is taken. This clears the problem of knowing the location, providing exact details of the incident along with user details. After sending the request we provide an additional feature that can be used by the user to send live images of the incident which help the department to plan and to take appropriate action.

This innovative project has won the



First Prize in Regional Level Inter Polytechnic Project Exhibition Competition (DYP-ProEx 2017) held at Dr. D Y Patil Polytechnic, Nerul – (Prize Amount Rs. 5000/-), the Second Prize in State Level Project Competition (THINKQUEST 2017) held at Babasaheb Gawade Institute of Technology, Mumbai Central – (Prize Amount Rs. 6000/-), Runner Up in MSBTE Project Competition 2017 (Promoting Innovation Talent & Creativity through Project Competition) held at A. R. KALSEKAR Polytechnic, New Panvel – (Prize Amount 41,000/-)

Well done team! Keep innovating!

BIZCON'17: Business Conclave 2017 at VSIT

Vidyankar School of Information Technology organized a business conclave "BIZCON 2017" on 3rd and 4th March to encourage young entrepreneurs and to develop creative thinking in young minds. VSIT Principal Dr. Rohini Kelkar shared the essence of entrepreneurship by saying "Don't be an entrepreneur because you don't want to work under anyone, if it is so, think twice" and "Don't be job Seekers but job Creators."

Shri Suresh Prabhu, Railway Minister, India sent a video through which he addressed the students of VSIT by appreciating this initiative taken by BIZCON to motivate upcoming startups and discuss business plans. He also talked about the "MAKE IN INDIA" campaign started by PM Shri Narendra Modi to promote indigenous manufacturing made in our own national boundaries.

The Chief Guest and keynote speaker Mr. Rajiv Vaishnav, Head of Ecosystem and Gen Next Hub at Reliance said that entrepreneurship is not about scholars but it is all about innovation. He quoted, "Be selfish, be hungry to work to grow"



and mentioned NESCON-India Leadership Forum (IIF), Mr. Ambani, Mr. Rajesh Jain, and Mr. Kanvar Reki. He said, "We have only one life which is between two letters B & D i.e. Birth & Death but there is also one more alphabet C i.e. Choice, so make the right choice in life." The CEO of ODIN (the title sponsor for the event) presented on his product and asked students to read a book "0-1" by Peter Theil.

Three parallel sessions were organized after the inaugural ceremony. The speaker for the Innovation Conclave was Mr. Mukesh Jain who covered topics like HIPPO, analytics, SQM, Performance Analytics, Crash Analytics, Junk Fil-

ters, Hotmail, roll out plan for JIO. He also shared about the NICE branding analytics, how it works financially, how the performance improved, customer interaction, MSN search PLT form code, state wide PLT distribution user access. He also talked about his journey in this field from struggle to success and the session ended with students being given tips on personal learning.

A Marketing session was conducted wherein the resource person discussed marketing strategy of the product, USP (unique selling point) and digital marketing, the upcoming trend. The third parallel session was on stock marketing by Ms. Dhruvi who was from Intertheory.com, a site which provides jobs to interns. She threw light upon stock market investment in shares and asked students to start investing from now onwards by telling the benefits of investing at an early age. She also introduced her online stock course on stock marketing, and investment in shares. The fourth session was conducted by Mr. Amitabh Sinha, Co-founder & Chief

Strategy Officer at Meetingsandofficers.com on topic planning. He spoke about how planning can be helpful before starting any course or event.

The second day of the event was started by Mr. Chatur on Financial Technology innovation (case study). He also discussed on other topics like MCX-SX-India's new stock exchange. The Panel discussion was very interactive. This session was conducted by Angel Investments and gave valuable tips on how to encourage startups and provide funds to a business. A session on modern technology was also arranged where technologies like block chain, technology, Mix Reality-MR were discussed.

At the end of the event, introduction was given about various startup companies, which had come for recruiting students. Startups like "Rent Karde" and "Notemybook" gave introduction about their products. The session was followed by Reliance and Donate cart introduction. All the sessions were very informative and interactive for the students to roll up their sleeves and get going to initiate a startup!

VSIT faculty Ujjwala Sav & Rumeli Sharma

“There’s an idealization of being an entrepreneur, but the most important thing is to have a really great idea.”

— Dustin Moskovitz

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IEEE-VIT...leading the path

IEEE is the world’s largest technical professional society dedicated to advancing technology for the benefit of humanity. It is designed to serve professionals involved in all aspects of the electrical, electronic, and computing fields and related areas of science and technology that underlie modern civilization. Every year IEEE-VIT SB organizes a myriad of educational seminars, workshops and flagship events such as BizzNext and Voyager aimed at disseminating inspiration and knowledge among engineering students.

Get Set IEEE | 2017

IEEE-VIT organized a Members’ Orientation Program for IEEE members of VIT, to disperse information on how to make the most of IEEE membership.

Get Set IEEE (Professional Member Orientation) | 2017

IEEE-VIT organized a Professional Members’ Orientation Program for faculty of VIT. The session was conducted by Mr. Anthony Lobo (Bombay Section Chairman) in the presence of various faculty members and IEEE professional members.

PRE-BIZZNEXT|2017

This year BizzNext kick-started with a precursory educational talk by Jim Beach on ‘The Infatuation with Startups’. Jim Beach is an international Keynote speaker, award winning radio host, and McGraw-Hill Best Selling author of ‘School of Startups’.



BIZZNEXT | 2017

BizzNext is a series of educational talks by eminent personalities on a wide range of relevant topics, aimed at inspiring students to explore the various career alternatives available to graduate engineers.

MAIN EVENT BIZZNEXT | 2017

This year, IEEE-VIT brought together an extraordinary lineup of five speakers of international repute. The topics covered

were Development in Research on Neutrinos, Storytelling in the Age of Internet, The art of Public Speaking, Dronacharya of Drones, and Digital Payments and New Age Banking.

The first speaker to begin the BizzNext 2017 was Shanti Swarup Bhatnagar Awardee Mr. Amol Dighe, a professor of Physics in Tata Institute of Fundamental Research, Mumbai, and India. He enlightened the audience on the significance of

high energy physics while focusing on subatomic particles known as neutrinos, their nature and the role they play in astrophysics and cosmology.

The second speaker Mr. Nawneet Ranjan, who is an exceptional filmmaker, also spoke about his acclaimed documentary ‘Dharavi Diaries’ and the significance of storytelling in the age of internet.

The next speaker to tune in, Mr. Aditya Maheshwaran, a two times TEDx speaker, who holds the world number two in International Public Speaking Championship, expressed his thoughts on the art of public speaking and creating an impact on the society with elocution ability.

Our next speaker, Mr. Apurva Godbole, the Co-Founder and CEO at Drona Aviation Pvt. Ltd., is widely recognized as the face of modern drone technology in India. He elucidated on the various industrial applications of drones and emphasized on the fact that a drone is not just a product but a platform to work on. He even gave a live demo of his drone called Pluto Controller and the audience got a hands-on experience.

The last speaker of the day was Mr. Vishal Kelkar, a senior IT technologist and Vice President at Bank of America. Mr. Vishal spoke about the prospects of a Digital (Cashless) Economy, on demonetization, the benefits of Digital payments and Mobile Wallet transactions. The event concluded with a speech by the convener Prof. Rakshak Sood.

AWARD WINNING PROJECTS AT VSIT TANTRA VIHAR 2017

To motivate the students for research and development activities through projects, Final Year Project Quality Assurance Committee of VSIT organized Inter-Collegiate Project Exhibition and Competition - ‘Tantra Vihar 2017’ on Monday, 6th March, 2017. In all, 89 projects were selected, of which 77 projects were from VSIT, and 12 projects were from other colleges. 129 students from VSIT and 18 from other colleges participated in the Exhibition.

The judges for the Exhibition were Mr. Murali Anantha – Ex Delivery Head at iGATE and Vaibhav Bhargava – Project Manager at Broadcast Audience Research Council.

Winners of Tantra Vihar 2017:

First Prize winner project is ‘AI ChatBot from Vidyalankar School of Information Technology’ developed by Ibrahim Matwala and Rohit Arun. This project is an Artificial Intelli-



gence Bot that can answer questions that students ask or need information about in their day to day life. It can also provide students information about the upcoming events, notices, their assignment or other submissions. The Bot is connected to various chat messengers like Facebook messenger, Telegram, Skype etc. via the Bot Connector.

The Second Prize winner project is ‘Student Management Portal from Dr. Ambedkar College of Commerce and Economics’ developed by Suyash Kachi and Shubham Singh. Student Management Portal is a Web application made for managing all the data of students. There are four modules like Student Module, Notice Module, Fees Module and Result Module. Android Application is made for parents. To see the result and grade of students, parents need to enter the PNR number and select semester of student.

The Third Prize winner is ‘Digital Repository from Vidyalankar School of Information Technology’ developed by Kunal Baghel and Rohit Tamhankar. The project focuses on the local repositories developed for an institute which will address problems and limitations faced by the users at different hierarchy. The project proposes architecture for de-



veloping an entire repository service for an organization which will form a strong information managing infrastructure in the long run. This project was presented in Avishkar, an Inter-collegiate competition conducted by the University of Mumbai where projects on various topics are submitted by various departments. A research paper was also presented in one-day international Conference conducted by Pragati College.



Judge’s Award winner project is ‘Student Performance Enhancement Management’ Vidyalankar School of Information Technology’ developed by Kunal Patil and Ganesh Barud. This sys-

tem will take care of all the dropout students of VSIT. It will have a database of all year dropout students with the number of KTs. It will provide information about timetable (remedial lecture, examination), notes, previous years question papers, results, etc. remedial lecture schedule and beyond syllabus activity will be conveyed to them through SMS or mail.

The greatest take away of this event was the spirit of healthy competition among participants to compete with each other at an intellectual level.

The Judges of the Exhibition appreciated the efforts taken by the students and also suggested a few tips to enhance the quality of the projects. Participants from other colleges appreciated the management of the Exhibition where they could learn many new things and the warm treatment by the host Institute.

Pushpa Mahapatro, VSIT Faculty

“Too many people spend money they haven’t earned to buy things they don’t want to impress people they don’t like.”

— Will Rogers

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THE TRUMP EFFECT ON H1B and F1 student visa

President Donald Trump was majorly elected based on his stand towards the Republicans to give them their rights and hence he had to take a few steps which will make the Republicans feel that their vote did not go waste. One such announcement was to prohibit illegal immigration which was always a threat to countries like UK and USA. New regulations were proposed by the Trump Government. The proposed bill created unrest among those who are already on H1B and among the potential student immigrants.

If we carefully analyze the proposed changes we realize that:

Trump is open to immigration of skilled workers who can add to innovation. The newly proposed H1B policy is designed to be based on merit. In a year US embassy gives away 85000 H1Bs based on a lottery system. Instead a merit-based system will help more deserving candidates to get H1B than that of random selection. The proposed policy also says that it will give more preference to the people who are educated in the US and not just migrated to US on H1B.

This gives a very positive light to the students who plan to migrate on a student visa. Especially students in the STEM category



(Science, Technology, Engineering and Mathematics) will get their OPT (Optional Practical Training) opportunity for 24 months after their education during which they can prove their value to the company and may get a sponsor. Similarly norms remain unchanged for CPT (Curriculum Practical Train-

ing) which the students can opt for the maximum period of 12 months during their studies.

In a perspective students who want to go to US to get high quality education and to experience flexibility in the system can get the advantage as things have not changed for them.

However the new suggested policies are also in reconsideration in the Senate, so panic is created for a while, but we hope to get a better rational output at the end of all this.

Shweta M Apte
Academic Advisor
Vidyalankar Group of Educational Institutes



VIT MMS ORGANIZES POST BUDGET SESSION

The Management Studies Department of Vidyankar Institute of Technology organized a Post-Budget session by Mr. Chandrasekhar Vaze, Chairman, Jankalyan Sahakari Bank and Mr. Sunil Bhandare, Advisor, Tata Strategic Management Group, for the benefit of MMS students in order to highlight the changes made in the Budget for the year 2017-18. The discussion was broadly focused on 10 themes — the farming sector; the rural population, the youth, the poor and underprivileged health care, infrastructure, the financial sector for stronger institutions, speedy accountability, public services, prudent fiscal management and tax administration.

Mr. Chandrasekhar Vaze shared inputs on the financial sector in which economy moved on a high growth path, there was a decline in current account deficit, and that there was a growth of 36% in FDI (H1). Target for agricultural credit in 2017-18 has been fixed at a record level of 10 lakh crores. Pradhan Mantri Mudra Yojana lending target is at Rs 2.44 trillion. Stand-up India scheme: over 16,000 new enterprises have been set up. In the agricultural sector, target for agricultural credit in 2017-18 has been fixed at a record level of 10 lakh crores. Farmers will also benefit from 60 days’ interest waiver announced on 31st December 2016. To ensure flow of credit to small farmers, Government will support NABARD, at an estimated cost of Rs 1900 crores.

Mr. Sunil Bhandare said for the youth, the government has mainly focused on their education to bring up new innovations and to have greater administrative and academic autonomy. For the poor and the underprivileged, the government has come up with various schemes for empowering rural women with opportunities for skill development, employment, digital literacy, health and nutrition. A lot of action plans have been set up for women with maternity benefits, housing loans, and to improve the conditions of the poor. Also he discussed about a lot of schemes, monetary benefits, increase in the allocation of budgets for infrastructure, digital economy, public service and various measures to improve affordable housing and real estate sector and to stimulate the overall growth. The session and discussion was indeed of great help to students to understand the changes brought about by the Budget and to increase our overall knowledge of the financial position of the country.

Ashmita Rajpal & Tejashree Manore
FY MMS VIT

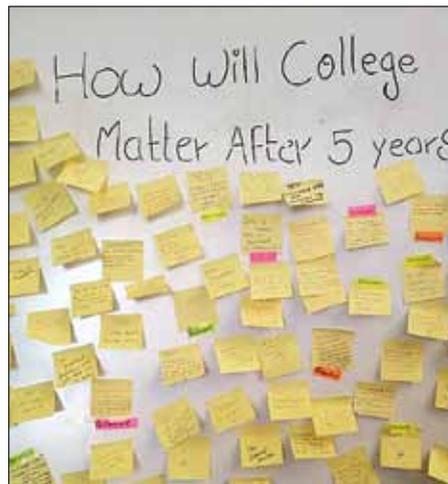


VIT E-SUMMIT'17

Entrepreneurship Summit'17 was conducted by the Entrepreneurship-Cell at Vidyankar Institute of Technology on 10th March. The event comprised Sessions, Business games and Internship opportunities for students. The overall footfall experienced by Entrepreneurship Summit'17 was 300+ including participants in the sessions, games and internship enrolments. The event began with the keynote speech by Mr. Milind Atreya followed by sessions taken

by eminent speakers like Mr. Rahul Narvekar, Mr. Vipul Mehta and by Mr. Pranav Khanna having deliberations on topics like “Importance of Failures”, “How will college matter 5 years later?” and “Sell your Skills”.

The sessions were followed with two companies: Bevy.me and We Can Education explaining their company profiles and the enrolment process. The business games were conducted post session and the winners were awarded cash prizes.

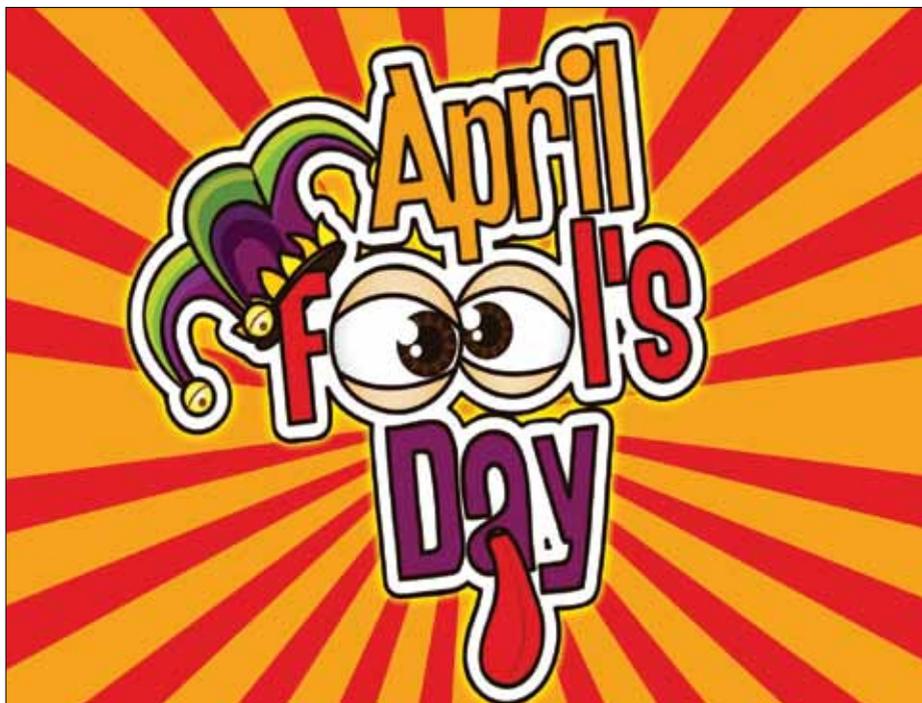


THE ESSENCE OF APRIL FOOL'S DAY

“What goes up but never comes down? Age? Ha! Wrong!! In today's economy, it's the price of daal!” Such uncle jokes are what make me the social outcast in the group of some rather young 20 somethings. The very fact that I am using the most clichéd trick in the book – starting with a joke, to attract your attention, is what makes many call me by my patented nickname: “Rao kaka”.

But, we aren't here to discuss about me. Before lamenting about having gone through the drudgery of having read four lines completely unrelated to April Fool's Day, let me inform you that this has been an earnest attempt from my side to get you to laugh. Yay to me if I succeeded. Please do continue to read, even if I haven't.

Hoping that a slight smile has been brought on your face, I wish you could take a moment to look at that lovely smile in the mirror. I personally believe that the very essence of April Fool's Day is this smile. Be it a wide grin or cacophony of laughter or even a sarcastic smirk, this very expression brings joy not only to you, but also to those around you. In this hectic everyday monotony we call life, more often than not, we forget the most basic, yet essential emotion. Do you think this emotion is ‘happiness’? If you did, ask the nearest person to slap you and whenever he/she does slap you, notice their expression. Enjoyment will be written on their faces. It is this emotion of enjoyment that I am talking about.



Who knows what the origin of April Fools' Day was. It certainly wasn't a king telling a royal joke to his subjects and making a decree out of it nor was it the court jester 'spreading rumours about your bravado'. Confused? Let me enlighten you. You are the one who is good looking. You are the one who is intelligent. You are the one who is smart. And I am the one who is spreading all these rumours.

As the decades have passed, April Fool's Day has evolved from British fat-

cats snickering at their tea parties to the modern day roasters and troll gurus, who dish out unrestrained doses of cruel tomfoolery, at the drop of a hat. In VIT, I believe, one of the longest running pranks is the coin prank. It is a simple yet effective tool to make someone a fool, yet seem cool. The unsuspecting victim is usually surrounded by the school of sharks, who appear slowly, so as to not scare their prey away. Once surrounded, the sharks ask the victim if they can balance a coin on their heads,

even under the influence of external pressure. To ensure that the coin is firmly stuck to the victim's forehead, the coin is pressed to the aforementioned forehead. What the sharks fail to mention is that after “firmly fixing” the coin to your head, it leaves an impression, such that while the victim may assume the coin is stuck on their head, it is in fact safely been smuggled away. The true torment starts when the sharks put forward the challenge of keeping the coin in place for two minutes, for a measly Rs.10. What follows is a ruthless beat-down of the victim's head, in an earnest attempt to make the coin fall off, while the victim can't move their heads, hoping that the coin doesn't fall off. Two minutes later, the victim is Rs. 10 richer, while everyone else now has a priceless video clip for to be uploaded on YouTube. I guess there truly are some things that money can't buy.

A few years ago, some professors tried their hands at roasting as well. The students of one of the departments were unsuspecting victims of a simple, yet effective prank. The professors simply tied an air horn to the base of one of the lab chairs. So, whenever an unsuspecting lamb would sit on a chair, a loud cry sounding like a thousand goats' bleating would echo throughout the room.

While there are multiple such events and examples that can be noted, I am actively trying to avoid plagiarism charges. Psych! I guess some of that Rao Kaka humour hasn't worn off.

Yaassh Rao
 BE EXTC, VIT

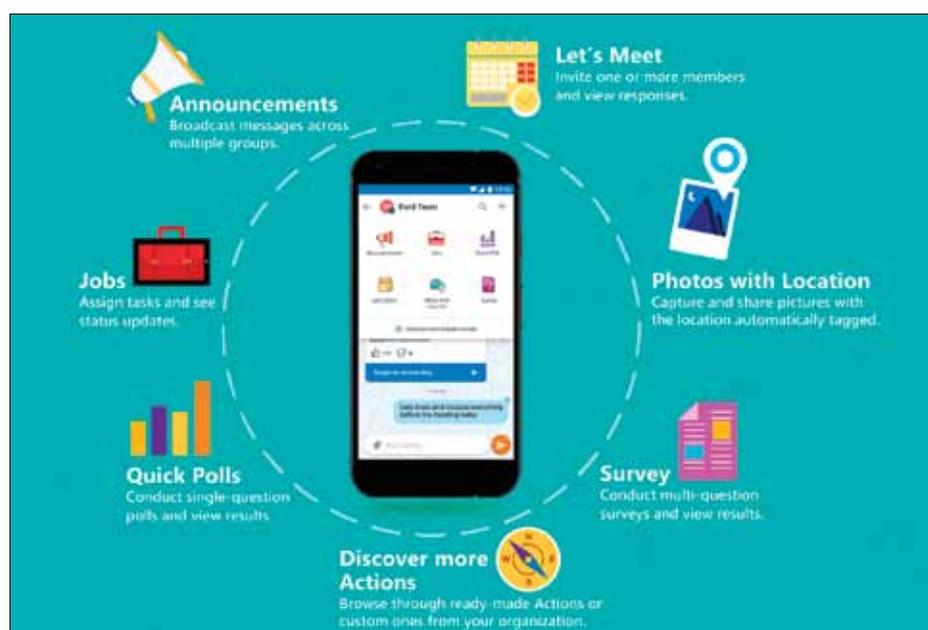
Use Microsoft new app 'Kaizala' to improve business productivity

Microsoft Flagship Event- Future Decoded-Education was organized on 22 February 2017 at J W Marriott Sahar, Mumbai in the presence of keynote speakers Satya Nadella, CEO, Microsoft, Chandrababu Naidu and Chief Minister of Andhra Pradesh. In this grand event, an application named “Kaizala” was introduced by Microsoft. Andhra Pradesh government has started use of ‘Kaizala’ app for routine administration tasks. The CM is planning to make use of Kaizala app mandatory for day to day work in his state.

Microsoft Kaizala app helps the user in completion of number of day to day tasks of business by using simple chat. It helps to communicate with customers, colleagues. You can track the location, bills, people, time, money and jobs. In business, it is important to update all the process owners within their team with current affairs. This is now possible with the help of Kaizala app to have an organized business by managing day to day updates through chat. You can have separate chat for your individual

project or group and complete your task by having a conversation.

In our institute Vidyalankar School of Information Technology, we have created chat group named VSIT on Kaizala. It is noticed that ‘Kaizala’ app is simple and user friendly and improves the productivity of the user through mobile. It has one to one chat and group chat to communicate within a big organization. An interesting feature of the app is to track the job, take a poll on specific issues to come to a decision, survey individuals or a group. It is easy to get the results of survey or poll. In the future, it will be rich with more features. It is also possible to run on 2G and smartphones. Some unique features of Kaizala app are as follows. No computer, laptop or server needed – just download the app, easily organize your chat, start group or private (1-1) chat, work with people inside and outside of your business, simple and quick actions, bill submit – capture and share bill photo along with other information to manage



your bills on the move, create & assign jobs – assign and track status of jobs, capture availability – request and

share availability on any future date, share attachments and many more.
Ujwala Sav, Coordinator, VSIT