



KARNATAK LAW SOCIETY'S

SHRI VASANTRAO POTDAR POLYTECHNIC

KLS CAMPUS, TILAKWADI, BELAGAVI – 590 006

(Recognized by Govt. of Karnataka & Approved by AICTE, New Delhi)



DEPARTMENT OF ELECTRONICS & COMMUNICATION ENGG.

NEWS LETTER -2021-22

Vision

The department of Electronics and Communication engineering shall stand as an excellent department, offering quality education in electronics and communication with a research focus, catering to the need of the public and being in tune with the advancing technological revolution.

Mission

M1: To train the students of Department of Electronics and Communication Engineering in technological areas.

M2: To establish centers of excellence pertaining to develop skills among the students.

M3: To facilitate the spirit of innovation & creativity in technological areas.

Message from Chairman

At VPP our quest for excellence continues through various initiatives that will help our students place themselves on a career path, that does justice to their capacities and motivation. I look forward for your suggestions and ideas for raising the bar.

-Shri. U.N.Kalkundrikar

Message from Principal

To impart quality education and bridge the industry-institution gap, VPP has established a Centre of Excellence which runs programmes to cater the needs of the students. Memorandum of understanding with the industries is established which helps the students in persuading internship programmes. To help students get admitted in reputed Engineering colleges, VPP conducts NATA and DCET classes for the students of final year. Your suggestions are most welcome.

-Ms. Shridevi S. Malaj

Editorial Board

Mrs. NeelamSommanavar

Lecturer, Dept of EC

Mrs. Snehal Kadam

Instructor, Dept. of EC

Gayatri Shinde

VI SEM EC Student

Vadiraj Betagari

VI SEM EC Student

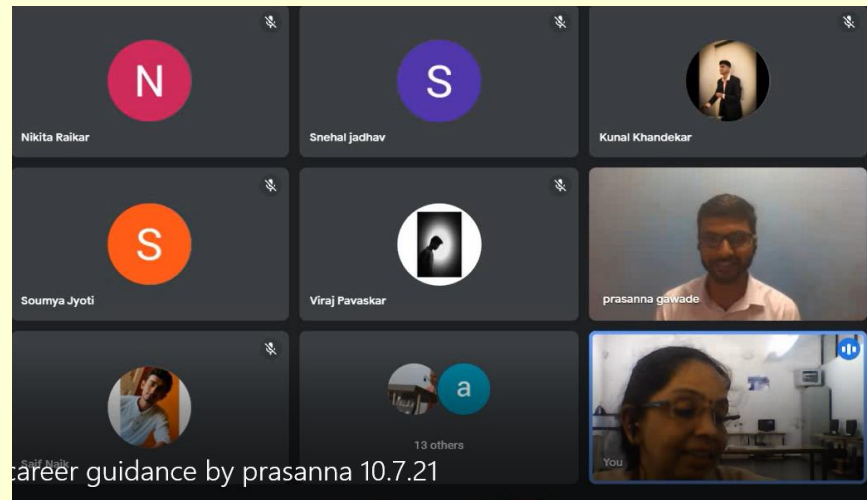


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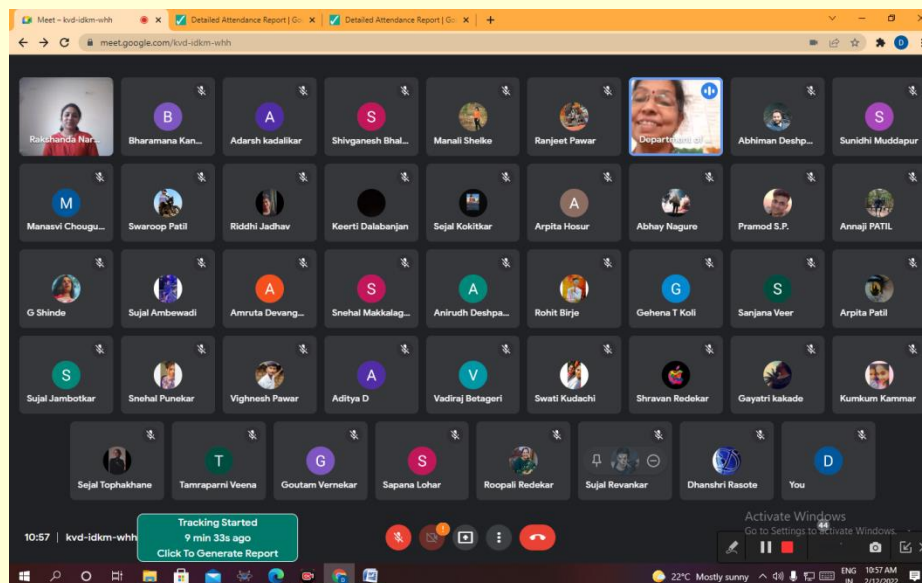
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EVENTS

- Organised Online webinar series by Alumni on “Career Guidance” for VI Semester students on the topic Day-II “Exploring world of opportunities in IT as an EC Engineer” by MR. PrasannaGawade, IT Analyst at TATA Consultancy Services on 10th July 2021.



- Organized SIP for first year students from 1.10. 2021 to 15.10.2021.
- Department of E&C organized online Singing competition during cultural fest.
- Organised online webinar series by alumni on career guidance DAY 3 – “Insight to Placement” for the students of dept. of E&C on 12th Feb 2022 by Ms. RakshandaNarwate, Engineer at Mercedes –Benz Research and Development India Private Limited.

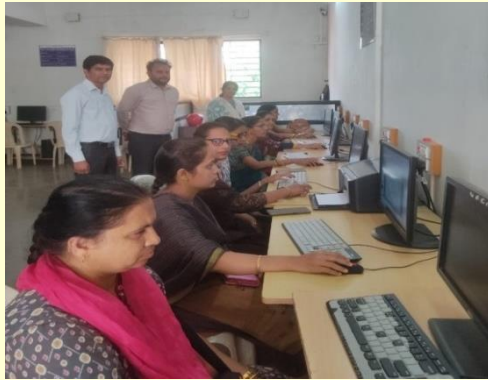




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- Organized one week workshop on “Computer and Internet” for women from 18th April to 23rd April 2022.



- Organized one week workshop on “Computer and Internet” for Children from 18th April to 23rd April 2022.



- Organized one week workshop on “Surface Mounting Techniques” for III sem EC Students from 18th April to 23rd April 2022.





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Staff Achievements and Activities

- Mrs. Pooja Rao, SGL, completed proctored Exams and obtained “Elite” result under NPTEL online course on topic “Principles of Communication system part -II”
- . Mrs. Pooja Rao, SGL, successfully completed proctored Exams under NPTEL online course on topic “Digital Electronics Circuits”.
- Mrs. Pooja Rao, SGL, has participated in webinar on “Role of Online Education Resources in implementing NEP 2020” organized by VDIIT, Haliyal.
- Ms. AmrutaDevangavi has participate in 5 day online FDP on “Inculcating Universal Human values in Technical Education” during 1st week of October organized by AICTE.






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Students Achievements

Toppers for the Year 2021-22

- Final year toppers 2021-22




Sl No	Name of the Students	Total	%	Photo	Rank
1	BHAGYASHRI MOHARIRE	1227/1375	89.24%		1 st Rank
2	KANCHAN MANJUNATH SHINDE	1172/1375	85.24%		2 nd Rank
3	NEHA RAJEEV ANKALE	1155/1375	84.00%		3 rd Rank






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• Second year toppers 2021-22

SI No	Name of the Students	Total	%	Photo	Rank
1	SMRITI SANJEEV MUTALIK	1272/1450	87.72%		1 st Rank
2	SANJANA SANJAY VEER	1269/1450	87.52%		2 nd Rank
3	GAYATRI MACHENDRA SHINDE	1245/1450	85.86%		3 rd Rank

• First year toppers 2021-2022

SI No	Name of the Students	Total	%	Photo	Rank
1	SUJAL RAHUL AMBEWADI	884/950	93.05%		1 st Rank
2	SEJAL SANJAY KOKITKAR	868/950	91.37%		2 nd Rank
3	SHREYASH ANANT MITHARE	859/950	90.42%		3 rd Rank

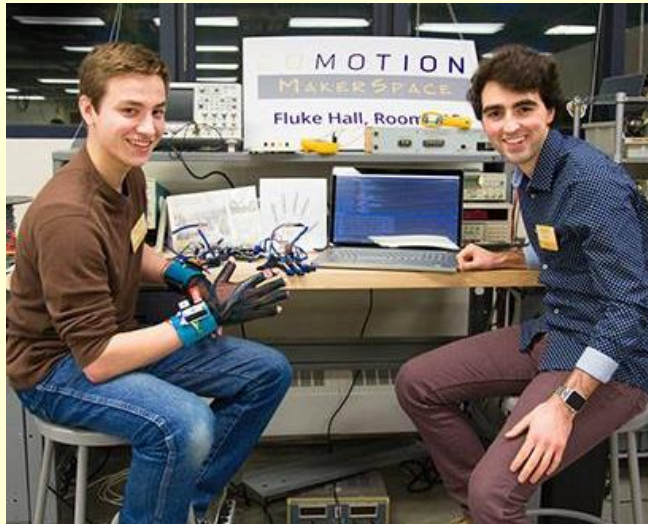


ARTICLE SECTION

Sign Aloud

Article by Mr.Sujal Rahul Ambewadi

MIT Students Develop Sign Language Translator Gloves Two MIT students, **Thomas Pryor and Navid Azodi**, have developed a pair of gloves that can translate sign language into text and speech. The gloves, called **SignAloud**, are equipped with sensors that track hand movements and positions. This data is then sent to a computer program that translates the signs into text or speech.



Pryor and Azodi came up with the idea for SignAloud after learning that there are **over 400 million deaf** and hard of hearing people in the world, and many of them face significant communication barriers. They wanted to create a device that could help deaf and hard of hearing people communicate more easily with people who do not speak sign language.

The SignAloud gloves are still in the early stages of development, but they have the potential to revolutionize the way that deaf and hard of hearing people communicate. The gloves could be used in a variety of settings, such as schools, workplaces, and hospitals. They could also be used to help deaf and hard of hearing people access information online and in other media.

In 2016, Pryor and Azodi won the Lemelson-MIT Student Prize for their invention. The prize is awarded annually to students who have developed innovative and potentially life-changing technologies.

Pryor and Azodi's first target audience is the deaf and hard-of-hearing community and those interested in learning and working with American Sign Language. But

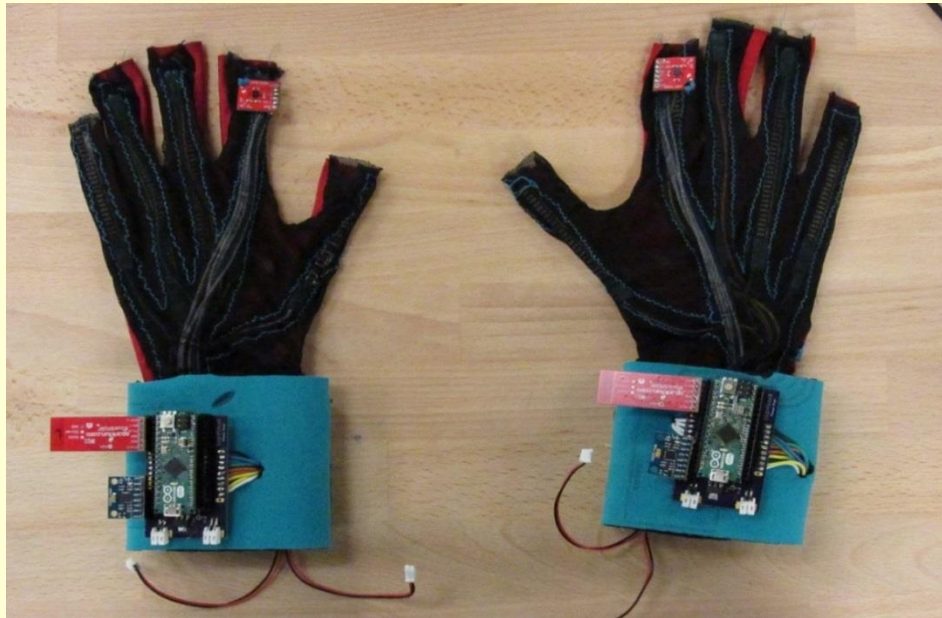




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the gloves could also be commercialized for use in other fields, including medical technology to monitor stroke patients during rehabilitation, gesture control and enhanced dexterity in virtual reality.



Pryor and Azodi are continuing to refine their invention and hope to make it commercially available in the near future. They believe that SignAloud has the potential to make a significant difference in the lives of deaf and hard of hearing people around the world.

Potential benefits of SignAloud:

- Improved communication between deaf and hard of hearing people and people who do not speak sign language
- Increased access to information and education for deaf and hard of hearing people
- Reduced social isolation and loneliness for deaf and hard of hearing people

Challenges to developing and commercializing SignAloud:

- The gloves need to be made more comfortable and affordable.
- The computer program that translates the signs needs to be improved to achieve higher accuracy.
- The gloves need to be able to translate a wide range of sign languages, including ASL, BSL, and other regional and national sign languages.

Despite these challenges, Pryor and Azodi are optimistic about the future of SignAloud. They believe that their invention has the potential to make a real difference in the lives of deaf and hard of hearing people.



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KLS INSTITUTIONS

1. Raja Lakhamgouda Law College, Belgaum [1939]
2. Gogte College of Commerce (GCC), Belgaum [1954]
3. School of Business Management, Belgaum [1977]
4. Gogte Institute of Technology (GIT), Belgaum [1979]
5. Institute of Management Education and Research (IMER), Belgaum [1991]
6. Shri. Vasantao Potdar Polytechnic, Belgaum [1992]
7. GCC Bachelor of Business Administration, Belgaum [1996]
8. GCC Bachelor Computer Applications, Belgaum [1999]
9. KLS Pre-Primary and Primary School, Belgaum [2002]
10. Vishwanathrao Deshpande Institute of Technology (VDIT), Haliyal [2004]
11. Pre-University College, Haliyal [2007]
12. KLS College of Computer Application & Business Administration, Haliyal [2009]
13. KLS Public School, Belgaum [2011]



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INSTITUE VISION

To Make Vasant Rao Potdar Polytechnic, Belagavi Stand Out as an Institution of Excellence in Building Technical Skills and to Create Individuals of Outstanding Character, Caliber and Entrepreneurial Skills.

INSTITUE MISSION

To Train Students of Vasant Rao Potdar Polytechnic, Belagavi to Become Creative and Innovative Engineers while Imbibing in them Engineering Ethics and Professionalism, thus Empowering them to serve Human Kind.