



Founder Chairman
Late .Shri Suresh Angadi



REPUBLIC DAY CELEBRATED IN SAEF INSTITUTIONS

FACULTY ACHIEVEMENT



Prof. Kiran Potadar, HOD, Mathematics Department AITM successfully completed his Ph.D Under the guidance of **Dr. SADANAND N PATIL** for the title "THE STUDY ON RECENT GENERALIZATION IN CONTINUOUS AND HOMEOMORPHISM MAPS USING BI-TOPOLOGY AND FUZZY TOPOLOGICAL SPACES"



The 72nd Republic Day was celebrated in Angadi Institute of Technology & Management, Belagavi on 26th January 2021 with the remembrance of Late Shri. Suresh Angadi, Founder, SAEF. The occasion was graced by **Dr. Spoorti R Patil**, **Mrs. Shradha Shettar**, Director's of Suresh Angadi Education Foundation, **Shri Raju Joshi**, Administrator, **Dr. Anand B. Deshpande**, Principal and Director, Angadi Institute of Technology & Management, **Dr. Rajendra Inamdar**, Director, MBA, **Ar. H.S.Patil**, Principal, Angadi School of Architecture, **Mrs. Sangeeta Desai**, Principal, Angadi College of Commerce & Science, **Mrs Asha Rajput**, Principal, Angadi International School and Staff and Students of SAEF.

NATIONAL YOUTH DAY CELEBRATED IN SAEF INSTITUTIONS

PROUD ALUMNI



Our proud Alumni **Mr. BASAVANT KURI** from AITM Mechanical Engineering 2017 batch pass out was appointed as POLICE SUB INSPECTOR (PSI) in Pulikeshinagar Police station, Bengaluru.



National Youth Day and Shri Swami Vivekanand Birth Anniversary was celebrated under the banner of Suresh Angadi Education Foundation's on 12th January 2021. The resource person **Dr. Ravindra Guravannavar**, Board of Director, Plianto Technologies Pvt.Ltd and Member of Ramakrishna Mission Ashram addressed the students on virtual platform. President of the function **Dr. Spoorti R Patil**, Director, Suresh Angadi Education Foundation addressed the students to follow the Ethics & Values of Swami Vivekanand. The function was graced by **Dr. Anand B. Deshpande**, Principal and Director, Angadi Institute of Technology & Management, **Mrs. Sangeeta Desai**, Principal, Angadi College of Commerce & Science, **Mrs. Asha Rajput**, Principal, Angadi International School, **Ar. H.S.Patil**, Principal, Angadi School of Architecture, **Prof. Sadanand Dodamani**, Principal, Diploma AITM and students of SAEF.

EVENTS HELD IN ACCS CAMPUS



FIT INDIA CYCLOTHON was organized by Angadi College of Commerce and Science on 31st December 2020. **Dr. Spoorti R. Patil** Director SAEF, Administrator **Shri Raju Joshi** were present on the occasion



Mutual Fund Awareness Programme in association with UTI was conducted on 28th December 2020 both in offline and online mode.



On the occasion of **National Mathematics Day** (22nd December 2020) Quiz competition was held for Degree students @ ACCS Campus.



PCMB CET/NEET College Study material of Angadi College of Commerce and Science was released on 25th November 2020 by Chairman **Smt. Mangal S. Angadi**, **Dr. Spoothi R Patil** and **Mrs. Shraddha Shettar** Directors SAEF, Administrator **Shri Raju Joshi**.

Prize Distribution of KALASANGAM 3.0 which was conducted on Virtual Mode was done on 8th November 2020. **Mrs Manjiri Ranade**, Principal Dyanprobhodhan English Medium School was the Chief Guest. Director of SAEF **Mrs. Shraddha S. Shettar** graced the occasion as Guest of Honour



The College conducted Election for electing General Secretary and Ladies Representative for Final year students to provide awareness about election, voting and counting procedure. **Mr. Muzammil Jamadar** elected as General Secretary & **Ms. Seema Korajkar** elected as Ladies Representative for the year 2020-21.





DRISHTI



NEWSLETTER FOR SURESH ANAGADI EDUCATION FOUNDATION EVENTS HELD IN AIS CAMPUS



Angadi International School celebrated **Red Day and Christmas day** on December 21st 2020 with great zeal. It was a dazzling celebration as the teachers and students

participated whole heartedly over the online session. To add to the flavour various fun filled activities were planned for the day wherein students enthusiastically

ANGADI INTERNATIONAL SCHOOL arranged a virtual motivational session for teachers by **Mr. MAHESH MASAL** , on 5/12/20 based on the topic "BEING MASTERFUL TEACHER". Principal **Mrs. Asha Rajput** introduced the guest speaker to the teachers. **Mr. Masal** is a renowned motivational speaker and a counsellor who has conducted various inspirational sessions in many institutions. Principal madam and the teachers were highly delighted as the session was full of energy and learning.



Children's day is celebrated on November 14 to mark the birth anniversary of Shri Jawaharlal Nehru. To make this day a special one for the children, The Teachers of Angadi International School, organised different activities for the children through online mode. The gamut of fun filled activities consisted of talent show, dumb charades, mono act , mimicry, maths quiz, selfie contest etc.



The **TOYCATHON 2021-A Toy making Hackathon**, organized by the Innovation Cell, Ministry of India, is the first of its kind which aims at utilising the brightest creative minds. It provides an



opportunity to unlock the innovative ideas for toys and games based on the Indian Culture and civilization, history, heritage, mythology, ethos , technology etc.



Principal , **Mrs Asha Rajput**, of Angadi International School actively involved and encouraged the staff members and students to participate in the Toycathon. The students and teachers got together and designed games and toys based on different subjects like Science, Maths, Hindi, English ,Social Science based on the difficult concepts of the respective subjects so that the teaching learning process becomes interesting and easy to understand.



National Voters' Day was observed on **25th January 2021** in Angadi International School. Principal **Mrs. Asha Rajput** and all the teachers took the oath and pledged to cast their vote fearlessly.

On the eve of Netaji's 125th birth anniversary , to honour his selfless service to the nation, India will celebrate this day as '**Parakram Diwas**' every year as announced by the Government. Angadi International School observed this day virtually. Respected Principal madam garlanded Netaji's portrait. Grade 10 students and teachers paid tribute to the iconic leader. On this occasion children delivered speeches and quiz competition was organised for them.



ACHIEVEMENTS OF FACULTIES & STUDENTS

Principal **Mrs. Asha Rajput**

- Attended **Australia Virtual Master Class Series** for CBSE Leaders from 15th June to 23rd June 2020
- Attended Virtual Professional Development Session for CBSE Leaders , the **Canada Series “Innovate Inspire”** from 20th July to 24th July 2020
- Attended CBSE Transformation Training Week from 04th August to 10th August 2020



Mr. Kiran Dalawai painting is selected for Karnataka Lalithakala Academy 48th Annual Art Exhibition.

SUCCESS IS OUR CULTURE

We have crossed a significant milestone. Our first batch for CBSE class X examination 2020 have achieved 100% results.



1st Rank
ATHARVA PATIL
94.4%



2nd Rank
THIRUMALA SHRINIVAS
87.6%



3rd Rank
NIKHIL KADAPURE
85.4%



Advait B. Kumbar of grade II A Bagged Third Place in Dynamic Shotokan Karate –Do India held in Belagavi On 15th Sep 2019, also bagged 3rd Position at District Level Karate Championship on 4th Dec 2019. He is also certified as Mr & Miss inspired Little Champs Model of Karnataka on 29th Feb 2020



Shradha Suryavanshi of Grade IV A has bagged 1st Place in National Level Karate Championship Ambalpadhy Trophy – 2019, 1st Place in Dynamic Shotokan Karate-Do India held on 2nd Feb 2020 and also secured 1st Place in District level Karate Championship 2019

Daksh Chhatani of Grade III A Bagged certificate of merit in International Mathematics Olympiad Examination conducted on Feb 2020 organized by science Olympiad Foundation.



ACHIEVEMENTS OF STUDENTS IN KALASANGAM 3.0



Nishkala Tengse
Grade 9
Bagged 1st prize in Speech Competition



Pragati Banekar
Grade 10
Bagged 3rd prize in Yoga Competition



Pradnya Kudache
Grade 10
Bagged 2nd prize in Rangoli Competition

NEWSLETTER FOR SURESH ANAGADI EDUCATION FOUNDATION EVENTS HELD IN ASA CAMPUS



Expert talk by **Ar. Bijoy Ramachandran**, 19th Nov, 2020 @ ASA, Belagavi. Talk was major about the urban scale which could help students to understand different perspective about a city. Metaphor and architecture which was briefly explained by Bjoy in his talk did help students to understand layers of city and how to deal with tangible and intangible things.

Expert talk by **Ar. Mayur Sapre**, 1st Dec, 2020 @ ASA, Belagavi. Vernacular architecture majorly talks about architecture concerned with domestic and functional rather than public or monumental buildings. During some site visits he came across few typology around Belgaum which inspired him into vernacular style and concepts.

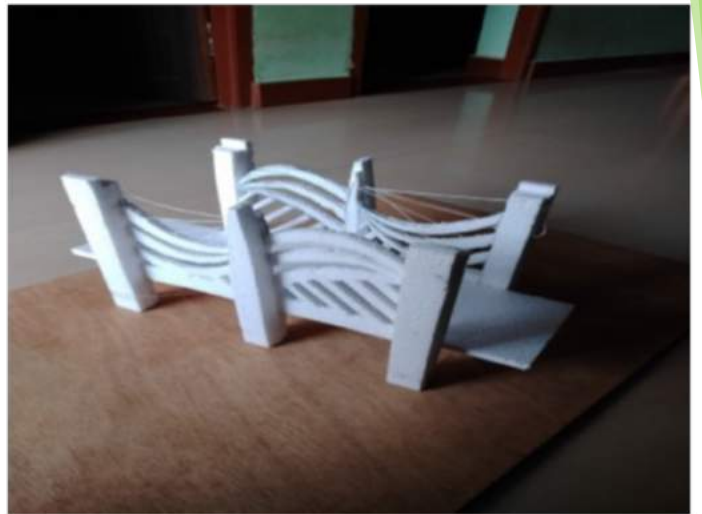
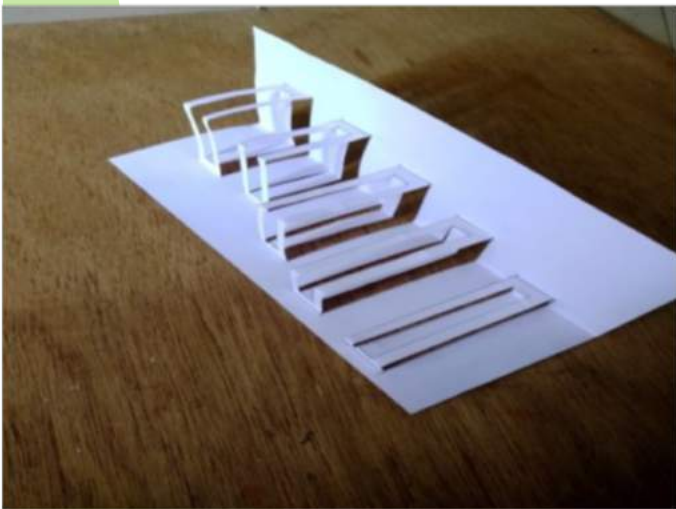


As a part of Opening Session for First year B Arch Batch 2020-21 a guest lecture was arranged on 4th Jan 2021

Expert : **Ar. Gautam Naik** Owner of GGAEC and THE ZONE PROJECTS Pvt Ltd. Mumbai

Topic: Perceiving Architecture

Under orientation Week for 1st Yr. B Arch different activities are arranged for new batch of first year students
Few of them as Origami, Collage, Model making, sketching which give them wide idea about Observation,
Study and Imagination.



GLIMPSES OF PAINTING COMPETITION

This Republic Day we came up with ideas of giving a platform for new generation who are exploring and enhancing art and culture. SAEF Management has always encouraged the talent of youths which will be a inspiration for others to grow. Thats when we came up with idea of painting competition which was arranged for kids of staff working in SAEF Institutions, which gave a new dimension and encouraged all the kids towards painting. **Hemkumar Topiwala** who was invited as judge of honour, displayed his painting inspired many students of SAEF.





DRISHTI



NEWSLETTER FOR SURESH ANAGADI EDUCATION FOUNDATION

EVENTS HELD IN AITM CAMPUS

NAAC PEER TEAM visited Angadi Institute of Technology & Management, Belagavi on 28.01.2021 and 29.01.2021. The Observer, Deputy Adviser, NAAC, Bengaluru, Karnataka team comprised of **Dr. Bijoy Kumar Nanda**, Chairperson, **Dr. Rhymend U. Vaidyanathan**, **Dr Bhadrachari Vijayalakshmi**, **Dr. S. Sreenivasa**. **Smt. Mangal Angadi**, Chairman SAEF, **Dr. Spoorti Patil**, **Mrs. Shradha S. Shettar**, Director's, SAEF **Shri Raju Joshi**, Administrator, SAEF, **Dr. Anand Deshpande**, Principal & Director, AITM, HOD's , Teaching and Non-Teaching of various departments were also part of the NAAC visit.



Department of Electrical and Electronics Engineering, AITM successfully organized one day webinar on "Recent Trends in Electrical Power System on 06/01/2021. The Chief Guest/Resource Person for the webinar - **Dr. Anant A. Kulkarni**, Assistant Professor, Electrical and Electronics Department, Ambajogai, Maharashtra.

Department of Computer Science & Engineering, AITM Belagavi successfully organized the Online Inauguration Program of Association of Computer Engineers ACE-2021 on 02-01-2021. **Mr. Sourabh Kurandwad**, Senior SDET, Honeywell technology solutions Lab, Bangalore and **Mr. Pramod Kadadi**, Senior Specialist IT, BAXTER, Bangalore graced the occasion as resource person. The program was graced by **Dr. Anand B. Deshpande**, Principal and Director, AITM, **Prof. Sagar Birje**, HOD, CSE and all Teaching and Non- Teaching staff of CSE depart-



Department of Civil Engineering Successfully organized Three Online One Week Refresher FDP on "INTEGRATED WASTE MANAGEMENT" sponsored by AICTE and ISTE from **04/11/2020 to 10/11/2020** , **24/11/2020 to 30/11/2020** and **14/12/2020 to 19/12/2020**. The program was included Inaugural ceremony, 48 sessions from various academic and industry experts and valedictory ceremony.

The Document Verification Centre for the admission to 2nd year Engineering courses was inaugurated by the Chief Guest **Mr. Rajashekhar Pattanashetti, Incharge Deputy Director , Pre University Education, Belagavi.** Nodal officer **Mr. R. S. Basannavar , SAEF Administrator Shri Raju Joshi,** Principal and Director, AITM, **Dr. Anand Deshpande** were present on the occasion



Angadi Institute of Technology and Management, Savagaon Road, Belagavi Successfully organized Inaugural ceremony of Induction program for first year students eSIP- 2020 on 23rd December 2020. The Function was graced by **Dr. Spoorti Patil ,** Director, SAEF, **Dr. Anand B. Deshpande,** Principal and Director, AITM, **Mrs. Sarika Pawashe,** First Year co-ordinator and all Teaching and Non- Teaching staff of AITM.

The Department of ECE organized a webinar on "Speech Enhancement" by **Dr. Shridhar. K,** Department of Electronics and Communication Engineering, BEC, Bagalkot on **11th November 2020 .** Speech enhancement aims to improve speech quality by using various algorithms. The objective of enhancement is improvement in intelligibility and or overall perceptual quality of degraded speech signal using audio signal processing techniques.



The Department of ECE organized a webinar on " Insights of Embedded Systems & Embedded Software Development – Engineer’s Perspective " by **Mr. Shrikant Tudavekar,** Senior Embedded Software Engineer, NVidia, California, USA on **21st November 2020 ..** Embedded Software Engineering is the process of controlling various devices and machines that are different from traditional computers, using software engineering.



ACHIEVEMENTS OF FACULTIES & STUDENTS



Prof. Kantesh D C of EE Dept is a mentor for the project called **Design of Solar Still Using Phase Changing Materials and Sensible Heat Elements** under K-Tech New Age Incubation Network (NAIN), Govt. of Karnataka. at KLS Vishwanathrao Deshpande Institute of Technology, Halyal. Uttar Kannada.



Mr. Vinodkumar Sulebhavis (Civil Department) paper titled "Analysis of Gravity Dams Using ANSYS" was **published** in *The IUP Journal of Structural Engineering, Vol. XIII, No. 03, 2020.*



Ms. Manjushree.B.Havannavar of EE Dept won the first prize in poetry competition. Which was Organized by Gulbarga District Barahagar Sangha.



SAEF TALENT ZONE

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Year: **2021**

ಹಳ್ಳಿಗ / ರೈತ

ಓ ಹಳ್ಳಿಗ ನೀ ಮುಗ್ಧ
ಸರಳತೆಗೆ ನೀ ಇನ್ನೊಂದು ಶಬ್ದ |
ಶಾಲೆ ಕಲಿತಿಲ್ಲವಾದರೂ ನೀ ಬುದ್ಧ
ಕಾಯಕ -ಕೈಲಾಸದ ಸಿದ್ಧ ||೧||
ಕೈ -ಮೈ ಮಣ್ಣು ಮಾಡಿ
ಬೆವರು -ರಕ್ತ ಒಂದು ಮಾಡಿ |
ಬಿಸಿಲು- ಮಳೆ ಜೊತೆ ಮಾಡಿ
ದುಡಿಯುತಿಹೆ ಹಗಲಿರುಳು ||೨||
ಹರಕು ಮಾಸಿದ ಬಟ್ಟೆ
ರೊಟ್ಟಿ -ಖಾರ ಮುದ್ದೆಯೇ ನಿನ್ನ ಹೊಟ್ಟೆ |
ಭೂ ತಾಯಿಯ ಮಗ ನೀ
ದೇಶದ ಬೆನ್ನೆಲಬು ನೀ ||೩||
ನವಯುಗದ ವಿಜ್ಞಾನ ತಂದಿಹುದು
ನವ ನವ ರೀತಿ ನೀತಿಗಳನು |
ಆದರೆ ಮೋಸವನರಿಯದ ರೈತ
ನಿನ್ನ ತುಳಿಯುತಿಹರು ಕನ್ನಡಿಯಲ್ಲೇ ||೪ ||
ಪ್ರತಿ ದಿನ ಬಿದ್ದು ಹೋಗುವ ಸರಕಾರ
ಮಾಡುತಿಹುದು ಅದೆಂತದೋ ಉಪಕಾರ |
ನೀನಿಲ್ಲದಿರೆ ಈ ಜಗ ಹಾಹಾಕಾರ
ಹಾರೈಸುವೆ ನಿನಗಾಗದಿರಲಿ ಅಪಚಾರ ||೫ ||

- Prof. Rajeshwari Kisan,
Assistant Professor, CSE,
AITM,



Art by Akshata V Badiger
3rd Semester, EE, AITM

ನಿಮಗಿಂತ ದೊಡ್ಡ ದೇವರಿಲ್ಲಾ

ದುಡಿದು ದುಡಿದು ದಣಿದ ಜೀವಗಳು
ಕಷ್ಟಕ್ಕೆ ಮೈಯೊಡ್ಡಿ ನಿಂತು ಬಳಲಿದ ದೇಹಗಳು,
ಬಾಳ ಬಂಡಿಯ ಎಳೆಯುತಲಿ ಸವೆದವು ಕೈ ಗೆರೆಗಳು,
ಕರುಳ ಬಳ್ಳಿಗೆ ಭರವಸೆಯಾಗುತ್ತ ಮಸುಕಾಗಿದೆ ಕಣ್ಣು ಬೆಳಕು,
ಗಾಣದೆತ್ತಿನಂತೆ ಸಂಸಾರದಿ ತಿರುಗಿ ತಿರುಗಿ,
ಸೋತು ಜೋತು ಬಿದ್ದಿರುವ ಮೈದೊಗಲು,
ಹೆತ್ತ ದೇವಿಯು ಹೊತ್ತ ದೇವನು ಇವರು,
ತಮ್ಮ ಹೊಟ್ಟೆಯ ಮೇಲಿಟ್ಟು ತನ್ನಿರ ಬಟ್ಟೆ ತುಂಬಿಸಿದರು ನಮ್ಮ
ಹೊಟ್ಟೆ,
ತಮಗಾಗಿ ಒಂದಿನವೂ ಬದುಕದ ನಿಸ್ವಾರ್ಥದ ಆತ್ಮಗಳಿವು,
ಮೈ ದಣಿದರೂ ಮನ ದಣಿಯಲಿಲ್ಲಾ ನಮ್ಮಾಸೆಯ ಪೂರೈಸಲು,
ಅಂಜದೆ ಅಳುಕದೆ ಎಲ್ಲವ ಸಹಿಸಿ ಕಲ್ಲಾಗಿ ನಿಂತವರು,
ನಮ್ಮೆಲ್ಲರ ಬಾಳ ಮರದ ತಾಯಿ ಬೇರು,
ನಮಗಾಗಿ ಓಡಿ ಓಡಿ ಸವೆದಿವೆ ಕೀಲುಗಳು,
ಚಿಂತೆಯಲ್ಲಿ ಬಳಲಿ ಬಳಲಿ ಹಣ್ಣಾದವು ಕೂದಲು,
ಮಡಿಲಲ್ಲಿ ಆಡಿ ಕಂಡೆ ಜಗವ, ಹೆಗಲೇರಿ ಕಂಡೆ ಜಗವ ಮೀರಿದ ವೈಭವ,
ಗುಡಿಯೇ ಇರದ ದೇವರುಗಳು ನನ್ನ ಹೆತ್ತವರು,
ನಾ ಅತ್ತರು ನಗುವ ನಾ ನಕ್ಕರು ನಗುವ,
ಆ ಗುಡಿಯಲಿರುವ ದೇವರಿಗೆ ಹೇಗೆ ಹೋಲಿಸಲಿ ನಿಮ್ಮೆ?,
ನಾ ಅಳಲು ನನ್ನೊಡನೆ ಅಳುವ ನಾ ನಗಲು ನನ್ನೊಡನೆ ನಗುವ,
ಭಾವನೆಗಳಿಗೆ ಸ್ಪಂದಿಸುವ ಪ್ರತ್ಯಕ್ಷ ದೇವರುಗಳು ನೀವು,
ನಮಗಾಗಿ ನಿಮ್ಮ ಜೀವವೇ ತೇದಿರುವಿರಿ,
ನಿಮಗಿಂತ ಬೇರೆ ದೇವರುಗಳು ಬೇಕೇನು?
ಪಾದರಕ್ಷೆಯಾದರೂ ತೀರಿಸಲು ಸಾಧ್ಯವಿಲ್ಲ ನಾನೆಂದೂ ನಿಮ್ಮ
ಋಣವನ್ನು.

Ms. Manjushree B.Havannavar
Lecturer, EE,
AITM,

A SOCIETY WITHOUT INNOVATION!

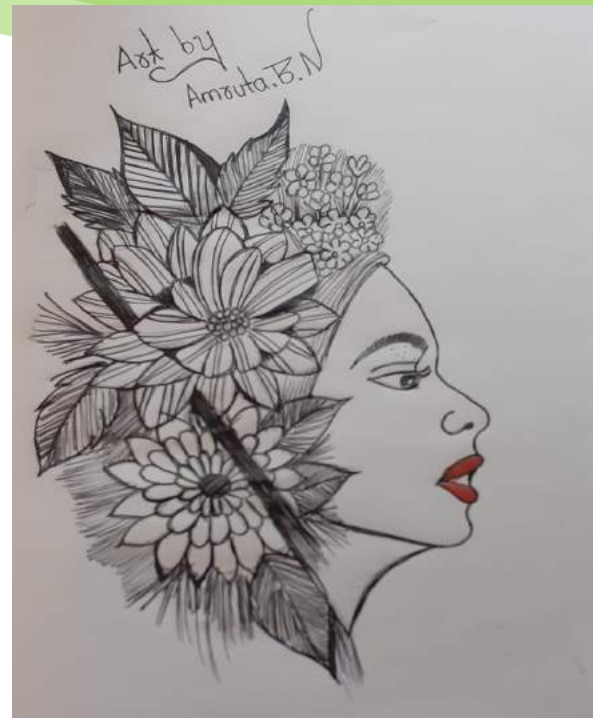
So hello there! I have been contemplating this thing from recent days or week, imagine a scenario where there existed the society with no new advancements. However I'll be explaining to why the innovation or the advancement assumes a fundamental part in our day by day lives. As it's realized that technologies has advanced at a gigantic speed. From smart gadgets to creative electrical systems, it's a reliably present piece of our lives to improve things. It isn't such a lot of that it's shocking just that development makes everything more advantageous or in straightforward words simple. Notwithstanding, the smartphones are never utilized for the fundamental reason that they were deliberately to have: calling!. All things being equal, most of the populace strolls around with their eyes down, not focusing on the thing is around them, gazing into an alternate world.

Nevertheless, imagine a scenario where tomorrow all the innovation was, some way or another, swiped off the physiognomy of the earth. It would bring more significant changes this world like individuals who rely upon window shopping as opposed to going out to the stores should do likewise. How might we complete our essay at that point or take care of our assignments or the thing which we are so dependent on now a days, the selfie. Taking selfies any place you go will now not be the equivalent. In any case, we could appreciate the minutes instead to losing all sense of direction in that that small world.

All things considered, there's nothing left but to adjust to the circumstance to which we people are the awesome. With technologies world would be a far better place than anyone could have imagined.

Thank you.

NEHA R SINGH
EC DEPT- AITM

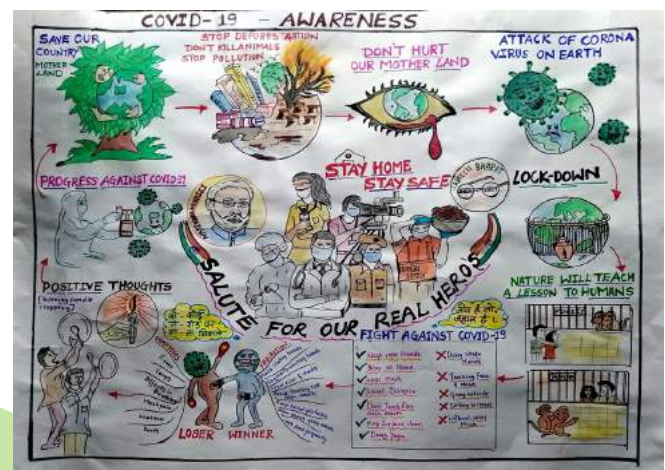


Art by Amruta.B.Nandimath
3rd Semester, CSE, AITM



@akshata_2490

Art by Akshata V Badiger
3rd Semester, EE, AITM



Art by LAXMI IRAPPA KURBET
5th Semester, CSE, AITM

८ पुन्हा लहानपण जगायचंय
 पुन्हा लहानपण जगायचंय
 पुन्हा मातीत खेळायचंय
 पुन्हा आईचे मार खायचंय
 शाळेला नाही जायचंय
 अशी आई कडे हट्ट करायचंय
 तरीही आई हट्टांनी परत
 शाळेला पाठवायचंय
 शाळेत जाऊन मैत्रिणीकडून
 पंगतीत जेवायचंय
 सर्वांचे पदार्थ जरा. जरा चाखायचंय
 वर्गात जेव्हा शिक्षक नसायचे
 तेव्हा केलेली दंगा. मस्ती
 पुन्हा करायचंय
 दंगा मस्ती केलेल्यांना जी शिक्षा
 मिळायची आणि त्यावेळी जे मार
 खायचे ती दंगा. मस्ती पुन्हा करायचंय
 पुन्हा लहानपण जगायचंय

अक्षता द० जाधव
(M.com 1st sem)
ACCS



Art by NACHIKET SUTAR
 1st Sem B.Com- ACCS

तायी

ಎಲ್ಲರ ಕ್ರೀತಿಯ ಗೆದ್ದು
 ಜಗಕ್ಕೆ ಆಸರೆಯಾಗುವುಳು ತಾಯಿ.....
 ಜಗವೇಳುವ ಮೊದಲೆದ್ದು
 ಜಗ ಮಲಗದ ಮೇಲೆ ಮಲಗ
 ಹಾರೈಸುವುಳು ತಾಯಿ.....

ಒಂಭತ್ತು ತಿಂಗಳು ಹೊತ್ತು
 ಎದೆಯುದ್ದ ಬರುವವರೆಗೂ ಸಾಕಿ
 ಒಬ್ಬ ಒಟ್ಟೆಯ ವೃತ್ತಿಯ ಗುಣಗಳ
 ಚಿತ್ತಿ ಸಲಹುವುಳು ತಾಯಿ.....

ಮಗುವನ್ನು ಸಂರಕ್ಷಿಸಿ ಎಲ್ಲರನ್ನು
 ತಿರಸ್ಕರಿಸಿ ತನ್ನ ಮಗುವಿಗಾಲ
 ಹೋರಾಡುವುಳು ತಾಯಿ.....

ಸಂಸಾರದ ಜಿಂತೆಯೆಲ್ಲ ಮುಳುಗಿ
 ಕಷ್ಟದ ಸಾಗರದಲ್ಲ ತೇಲಿ
 ಎಲ್ಲವನ್ನು ಗೆದ್ದು ಬಂದು
 ಸನ್ಮಾಜಿತಳಾಗುವುಳು ತಾಯಿ.....

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 ದಿನ ನೋಡುವರು ಇಲ್ಲವೋ ಎಂಬ
 ಜಿಂತೆಯೆಲ್ಲ ಕೊರಗುವುಳು ತಾಯಿ.....

ಎದೆಯುದ್ದ ಬೆಳೆದ ಮಕ್ಕಳು
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 ಸದಾ ಸಂತೈಸುವುಳು ತಾಯಿ.....

ಕು. ಸಾಕ್ಷಿ ಡೋಣವಾಡೆ
ಬಿ.ಕಾಂ. 2ನೇ ವರ್ಷ

THE WAY BACK HOME

(The following is an abstract of the book by the same name written by Sri Sri Sri Ravishankar, the below text is individual interpretation & apologies to any difference in opinion)

"THE DAY WE FEEL THAT THE WHOLE WORLD IS OUR HOME, THE SKY IS OUR CEILING, THE EARTH IS OUR FLOOR & EVERY TREE OUR GARDEN, THEN WE ARE REALLY HOME."

Upanishad means sitting close, sitting near, not just physically but also mentally; *"in spirit"*. Upanishad is the willingness, an urge to know, a thirst for knowledge of truth, of reality; **"A TRUE INQUIRY"**.

- **THE FIRST ACT OF LIFE IS INHALING.**
- We cannot tie our mind down to a place, but something is there that links the mind and body & that is our BREATH.
- Every emotion has a particular pattern of breath; the mind can be calmed through our breath.

Pragya Awakening: We are awakening ourselves to the reality of where we are. We are in this Milky Way, in this Solar System, on this Planet Earth and in this BODY.

We are able to perceive that we are nowhere and everywhere in our body. Having this awareness of our-self; the shift in the quality of awareness happens immediately, instantaneously & this kind awareness eliminate stress and sorrow from life. Such awareness is known as **"WISDOM"**. Every living being wants happiness. Love is the cause of all misery. If there is love, there is jealousy. Love is the cause of anger. Through awareness, there can be hope for being in love and not facing misery.

When we raise our consciousness & become more aware of a sensation happening in our body, we can see that the sensation changes. Love and pain are closely related. Refer to this concept as the symbol of Jesus on the cross. Cross is the pain & Jesus is the Love. One is with the other. All feeling come from a void (null). Try to find out what is the source of a thought is. All thoughts come from a space, a void, deep inside.

"BE WITH THAT VOID; A NEW DIMENSION WILL OPEN IN OUR LIFE"

Love is something that happens to us, the very state of our being; state of our existence. Everything that is under the sun has come from the same source, the Divine.

**Jesus taught us about love,
Buddha taught us about compassion,
Krishna, taught us about joyfulness & wisdom.**

The values are common to all religions, the teaching may seem contradictory. All that the divine has provided belongs to us. Spirituality is the essence, the substance of religion. Religion is the outer ritual & habit, a way of life; spirituality is the quest for the source of life, knowing deep with us that we are a part of divinity. In EGO, one does not feel the sense of belongingness; the feeling of separation, of having separate identity form of existence is EGO (A State Of Non-Relaxation). Every emotion has a corresponding sensation in the body, & the sensation in turn creates that same emotion. The only way to break the cycle is to observe the sensation as sensation, de-linking it from the emotion. Meditate and experience.

Understand yourself, Understand This Time, Experience This Moment.

When the oscillation of the mind stops, that is when we get in touch of the source of energy that we are. We get chance to live in the Moment, Live the NOW! With an upset or confused body; the mind undergoes constant regret, which reduces the strength of our immune system as it becomes poison to our system. With the help of a little bit of Yoga every day, we can get rid of the stress of the day, that day; **With no accumulation of stress, We are alive and joyful.**

**Prof. Ravichetan B.Dharenni
Mechanical - AITM**

Build your own portable Bio-gas digester.

By. Prof. Ar. H S Patil. Principal Angadi School of architecture

The need of the hour is to save the planet for the future generation one of the issue for climate change, temperature rise, ozone depletion etc is our excessive reliance on fossil fuel and nonrenewable energy sources, for our day to day living and needs. These non-renewable energy resources are limited and have various environmental impacts. It's time to think and reorient ourselves and start moving towards more sustainable living which will have less or zero impact on or environment.

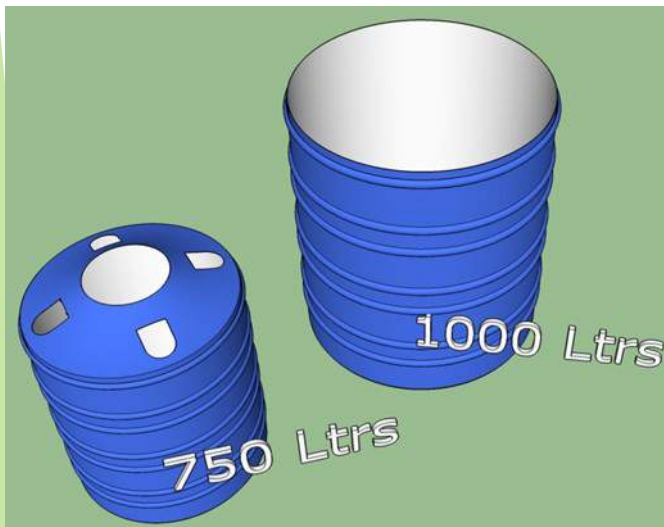
As we all now the sun is our main source of energy. The most of the mass that takes shape on this earth is with the help of the sun and the gasses in the atmosphere. The problem with suns energy is storing it for future use we do have advanced technologies of solar cells and batteries which are again mechanical and technical devices. The most reliable and economical are plants and trees around us which store the sun's energy by converting it into mass which can be used by us for our day to day energy need. For humans and animals, plants and trees are the major energy resources we convert and draw the energy form the mass through a process of digestion. In the process of reconversion from mass to energy we tend to utilize only 30%-40% of the stored energy in the mass rest is put back in the atmosphere and environment for further recycling by other living animals and microorganisms until the mass turns back into gasses completing the cycle. The gasses emitted during the process is energy potential which can be utilized for our energy needs. The gas that can be collected is called as biogas and with the process called as bio digestion and the main ingredient being Bio-waste. The bye product of this process will be a sludge which can be a good organic manure.

A house hold bio digester can be built using the day to day materials around us and easily available in the market without much technical difficulties. The below project can help in addressing the energy issue in a micro level. The Materials needed to build a this domestic biogas plants are

- 1000 ltr capacity PVC water tank 1 no. (fermenter holder)
- 750 ltr capacity PVC water (gas Holder)
- 90 mm "C" bend
- 90 mm female adapter 1 no.
- 90 mm male adapter 1 no.
- 90mm PVC pipe around 2m long
- 63 mm elbow 1 no.
- 63 mm mail adapter 2 no.
- 63 mm check nut 1 no.
- 63 mm rigid pvc pipe 1 m long
- 12.5 mm male adapter 1 no.
- Gas cock brass 1 no.
- Ball valve 50mm dia 1 no.
- Epoxy resin
- PVC glue
- Plumbing working tools.
- Bio gas stove

Construction

The 1000 ltr and 750 ltrs tanks are cut on the top side as shown in the figure 1



Plumbing on 1000 ltr tank

The feeding inlet is from the bottom side of the tank the feeder is built with 90mm PVC and materials related to it. The outlet is on the top side of the tank the outlet is built using 63mm PVC pipe and materials related to it.

The 50mm Ball valve is installed at bottom to take out the sludge once in 3-4 years deposited at the bottom. Or in case the tank has to be emptied for some other reason.

Plumbing on 750 ltr tank

The gas out let is installed at base side of the tank

Assembly (Figure: 2)

- After completion of the plumbing work the 1000 ltr tank is placed at a suitable accessible place in the back yard if no place is available it can be even placed on terrace, leakages are checked and the tank is half filled with the water.
- The 750 ltr tank is inverted and inserted in the 1000 ltr tank
- For the first time to initiate the bio-methane reaction in the tank 20kg of cow dung slurry is added to the tank or alternatively the out let water of an already working plant can be added.
- The water is filled till the out let mark
- Before letting the air held in the upper tank check for the leakage of the gas by pouring soap water in and around the gas outlet.
- Once confirmed the top tank is air tight open the gas cock let out all the air held inside and leave the tank for 15 to 20 days
- If the gas formation has started the upper tank starts floating and rising take a burning flame near the gas outlet open the gas outlet if the air coming out from the outlet catches fire then it is the indication that the production of methane gas has started.
- Use a good quality PVC gas pipe connect the gas outlet to the stove
- Start feeding the plant with all house hold waste like vegetable peels, waste food, dry leaves, mix all these thoroughly in 8-10 ltrs of water and pour in the feeder pipe if the chunks are big use a blender or mixer break them into smaller sizes and pour keep the plant running

- As and when gas builds up use the stove to burn the gas for heating or cooking.
- Place a bucket near the outlet collect the over flow of the used water which can be used as liquid manure for plants.

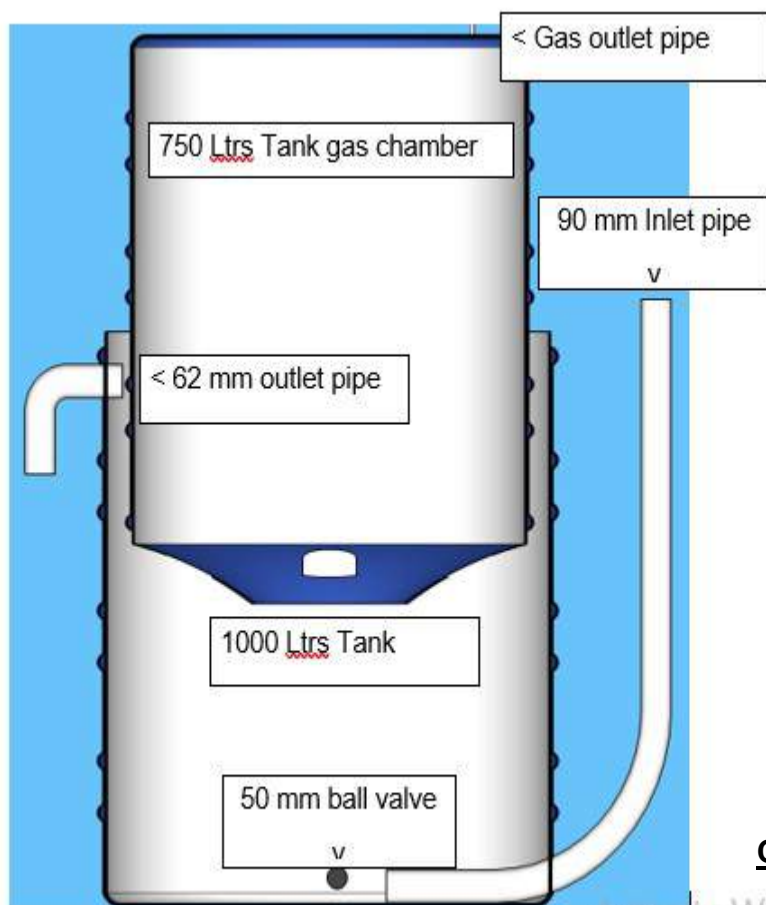


Figure: 2 Sectional detail

Advantage

- It's a good step to go green as all the organic waste produced gets recycled as liquid manure and save on our energy bill
- No cow dung is needed to produce bio-gas. (cow dung is needed to start the process
- Renewable energy source
- Reduced greenhouse gas emissions and mitigation of global warming
- Reduced dependency on imported fossil fuels
- Waste management

Cost of construction Approx. Rs. 10,000

Precautions

- During usage avoid direct inhaling of gas as methane is lighter and highly inflammable may cause damages to health
- During the process of digestion CO₂ and some other traces of gases may be produced it better to burn the stove in well ventilated room or semi open area
- Avoid feeding inorganic materials like plastic, metals, rubber etc to the plant
- As the plant is placed in open area it is subjected to wear and tear to harsh weather check leakages regularly
- In Due course of time and usage water gets collected in the gas pipe which will hamper the performance of the stove flush out the water regularly, which should be done by closing the gas outlet cock.
- Avoid over feeding and feeding citric food to the tank
- Feed more of sugary and starchy materials

Drawbacks

- Needs regular feeding and maintained regularly
- Performances decreases during cold and cloudy
- If mishandled Risk of methane related accidents as it is highly inflammable.
- Needs dedicated out door space

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