

# INSIGHT

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KVMTRUST



## Dr.D. Radhamma – DIVINE SOUL;

Stood up for womanhood. An incredible personnel who gave up her life to learn how to save others.

# INSIGHT

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(MBA, MPhil, PGDTRM,  
PGDHRM, PhD)**

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**Dr. Babu Balakrishnan  
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Phone (0478) 282 2478  
E-mail: kvmtrustchla@gmail.com  
Website: www.kvmtrust.in**

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## DIRECTOR'S MESSAGE

**Dr. V.V. Pyarelal**

### **CHANDRAYAN 2.**

**INDIAN AMBITIONS, UNIVERSAL ASPIRATIONS.**

(Main Source ISRO web site)

**M**ission Chandrayaan-2 is the second lunar exploration mission developed by the Indian Space Research Organisation (ISRO), after Chandrayaan-1. Proud to say that, it has made its high note to our country among the world in terms of super technology and progressive approaches.

Chandrayaan-2 mission was a highly complex mission, which represents a significant technological leap compared to the previous missions of ISRO to explore the unexplored South Pole of the Moon. The mission was designed to expand the lunar scientific knowledge through detailed study of topography, seismography, mineral identification and distribution, surface chemical composition, thermo-physical characteristics of top soil and composition of the tenuous lunar atmosphere, leading to a new understanding of the origin and evolution of the Moon.

Technically, it consisted of an Orbiter, Lander and Rover all of which were developed in India. The spacecraft was launched on its mission to the Moon from the second launch pad at the Satish Dhawan Space Centre on 22 July 2019 at 2.43 PM IST by a GSLV Mk III. The craft reached the Moon's orbit on 20 August 2019 and began orbital positioning for the landing of the Vikram lander.

However, the lander deviated from its intended trajectory and had lost communication when touchdown confirmation was expected. The orbiter, part of the mission with eight scientific instruments, remains operational and is expected to continue its seven-year mission to study the Moon. The Orbiter camera is the highest resolution camera in any lunar mission so far and will provide high resolution images which will be immensely useful to the global scientific community. The precise launch and mission management has ensured a long life of almost seven years instead of the planned one year. The Orbiter placed in its intended orbit around the Moon will enrich our understanding of the moon's evolution and mapping of the minerals and water molecules in Polar regions, using its eight state-of-the-art scientific instruments.

This technological move forward is a great inspiration to our technologists, technology learning students as well as the whole nation. After the successful project of Chandrayan 2, the HRD Ministry encouraged the students to take up careers in aerospace engineering and said its 'Swayam' portal will offer online courses on the subject from July 29, 2019, which is a great positive influences and brilliant ideas to the Academic and Technology community.

Let us pray and wish the country for more success and congratulating the entire crew of ISRO who has made this project wonderful.

# UNICA International Higher Education Summit Africa 2019

**UNICA International Higher Education Summit-Africa 2019** is dedicated to connect International Stakeholders who have a clear interest in African Education and African Students with Institutions with certified Higher Educational Consultants, High Schools, Service Providers, relevant Government departments and Ministries from African continent under one roof. The summit will focus on connecting international delegates with African delegates to mobilize African students and contribute to internationalization of African HEE. For International Institutions this summit will also provide an opportunity to meet High Schools, Institutional Partners, Certified Education Consultants and the local students who are looking for Higher Education options abroad. They will also be able to improve their reach and brand awareness to the consultants, relevant education bodies and local institutions in African continent to procure and mobilise African students and establish partnerships with African institutions and government bodies.

KVM Trust Directors, Dr.V.V Pyarelal & Mrs.Saraswathy Pyarelal attended the UNICA International Higher Education Summit held at Belmond Mount Nelson Hotel, 76 Orange St, Gardens, Cape Town, 8001, South Africa from 19th to 20th November 2019. They were able to interact with the foreign students and the various courses offered by KVM Trust. Many of the universities and institutions have agreed to join hands for several programmes conducted by the Trust.





## EDITOR'S MESSAGE

**Dr. Babu Balakrishnan**

(MBA, MPhil, PGDTRM, PGDHRM, PhD)

### Understanding The National Education Policy 2019.

**B**y the Vision, "The National Education Policy 2019 envisions an India-centred education system that contributes directly to transforming our nation sustainably into an equitable and vibrant knowledge society, by providing high quality education to all."

Sri. Kasturirangan as the Chairman and other prominent and leading experts as peer group the draft of National Education Policy 2019 has been framed. It processed and derived after the discussions with educators, researchers, policy makers, sector experts, industry, academies, community groups, engaged citizens and more Consultations with 70 organizations, institutions, associations and 216 eminent individuals.

The major and key objectives of NEP2019 evolved are

- Quality early childhood education available for all children between 3-6 years by 2025
- Every student in Grade 5 and beyond will achieve foundational literacy and numeracy by 2025.
- New 5+3+3+4 developmentally- appropriate curricular and pedagogical structure for school education. Integrated, flexible school curriculum.
- Rigorous teacher preparation, robust recruitment, well-defined career path
- New vision and architecture for higher education with large, well-resourced, multidisciplinary institutions
- Broad-based liberal arts undergraduate education. Flexible curricular structures; Creative combinations of study; Multiple exit points
- Professional education as an integral part of higher education
- Empowered governance and autonomy for higher education institutions
- 'Light but tight' regulation - separation of functions to eliminate conflicts of interest
- No hierarchy of subjects; No hard separation of areas; Integration of vocational and academic streams
- 100% Gross Enrolment Ratio from pre-school to secondary levels by 2030
- National Research Foundation to Catalyse the research and innovation
- Rashtriya Shiksha Aayog - Custodian of education in India .

The Draft of NEP 2019, has given clear and utmost consideration of the complete value chain of education ecosystem of the nation by giving more thrust to Early childhood care & Education, School education system , Higher education system, Vocational education, Adult education, Liberal education, Teachers/Faculty development areas with capacity building, Effective administration and management of the schools, colleges & universities etc.

Aim to ensuring rigorous teacher preparation in vibrant multidisciplinary institutions through the policy of "**Teachers: The Torch bearers of Teacher Education**" is a great move towards the teacher education.

We can hope that, the introduction of **National Research Foundation (NRF)** and **Rashtriya Shiksha Aayog** will be a great revolution for the transformation of Indian Education System across the world.

## LIFE TIME ACHIEVEMENT AWARD- 2019

Mr. V. V Babu, in recognition of his contribution to Malayalam Cinema, received Life Time Achievement Award from Mr. Vinayan, famous Film Director. This award was given by the Jaycey Foundation, founded in respectful memory of Actor, Playwright, Film Maker, Scientist, Author, Orator and social activist late Jaycey.



**Department of Biotechnology & Research  
K. V. M. College of Science and Technology  
(Recognized by Cochin University of Science and Technology)  
Cherthala.**

**RESULTS**

Secured 100 percentage results for 2017-2019 batch in M.Sc. Biotechnology degree under CUSAT.

**RESEARCH PUBLICATIONS IN  
INTERNATIONAL JOURNALS:**

1. Enrika Joy Ajit, Dilna Dominic, Faseela Farook, Athira Promod, Bhagya M. S. Kumar, Blesy V.J., Sabu K.R. , Rajesh B.R. and Pratap Chandran R. (2018). Preparation of wine from fruits of *Musa acuminate* and *Ananas comosus*; its physico- chemical analyses and sensory evaluation. Integrative Food, Nutrition and Metabolism. 5(6): 1-5.
2. Sreelekshmi Mohan M. R., Sayoojya K. P., Souparnika A.P., Souparnika K., Pournami T. S., Sabu K.R. , Rajesh B. R. and Pratap Chandran R. (2018). Production of Coconut Sprout wine using *Saccharomyces cerevisiae* and its physicochemical analysis. MOJ Food Processing and Technology. 6(5):445–449. DOI: 10.15406/mojfpt.2018.06.00203
3. Pratap Chandran R., Ahlen Ig Barry, Reshma Shaji, J. Vineetha, Neeraja Unnikrishnan and Aswathy S. (2019). In vitro allelopathic activity of aqueous leaf extract of *Hyptis suaveolens* (L.) Poit. against growth parameters of plant seeds and in situ analysis of rhizosphere microflora. International Journal of Current Research in Biosciences and Plant Biology. 6(2), 61-69.
4. Sreelekshmi Mohan M.R., Aswathy Sanal, Shiburaj M.B. and Pratap Chandran R. (2019). Screening of amylase producing bacteria from soil samples of evergreen and deciduous forest. International Research Journal of Biological Sciences. 8(6), 1-6.
5. Neethu Franklin, Gowtham G. Nair, Govind M. Suresh, Hitha K., Jennymol Joseph, Keerthana P., Rajesh B.R., Pratap Chandran R. (2019). Production and physicochemical analysis of Cantaloupe wine. International Journal of Advanced Research in Biological Sciences. 6(4): 42-51.
6. Anjana Prakash, Ancy Philip, Archana S., Archana C.V., Arathy G. Nair, Arya B., Sabu K.R., Rajesh B.R., Pratap Chandran R. (2019). Evaluation of physicochemical and sensory properties of wine from *Citrus maxima* fruit. International Journal of Current Research in Biosciences and Plant Biology. 6(4), 24-31.
7. Athira T.S., Bhavana Vijayan, Gopika G., Teresa George, Reshma Sudhakaran, Neethu Franklin, Pratap Chandran R. (2019). Screening and Identification of Pathogenic Microorganisms in Backwaters of Alappuzha District, Kerala State, India. International Journal of Advanced Research in Biological Sciences. 6(4): 62-69.
8. Sabu K.R. and Pratap Chandran R. (2019). Biogeochemical cycling of sulphur and iron in Ithikkara lake; Kollam district, Kerala, India: a probable mechanism. Journal of Materials and Environmental Sciences 10(2), 95-100.
9. Nittu B Aniyan, Hitha K and Shirly K Thomas. (2019). Solid state fermentation for prodigiosin production using *Serratia marcescens*. International Research Journal of Engineering and Technology. 6(4): 330-335.
10. Mini, G., Manju, S., Pratap Chandran, R., 2019. Phytochemical, antibacterial, antioxidant and cytotoxic activities of methanol and aqueous leaf extracts of *Pyrrosia heterophylla* (L.) M.G. Price. International Journal of Current Research In Biosciences and Plant Biology. 6(5), 23-38.
11. Jyothilekshmi S., Shilpa Sajan, Anjali P., Yadhu Krishnan R., Amal Kumar S., Reshma Sudhakaran, Neethu Franklin and R. Pratap Chandran. (2019). Physicochemical and Microbiological analysis of well water samples collected from North of Punnapra village, Alappuzha district, Kerala state, India. International Journal of Advanced Research in Biological Sciences. 6(6): 104-113.
12. Vidhu Krishna, Gowtham G. Nair, Priyanka P., Sona Salim, Sandesh M.A., Pratap Chandran R. (2019). Evaluation of Allelopathic Activity of Aqueous Leaf Extracts of *Alternanthera brasiliiana* (L.) Kuntze on Growth Parameters of *Vigna radiata* seeds. International Journal of Advanced Research in Biological Sciences. 6(6): 114-120.
13. Swathy D, Aadil Shahjahan, Devika Jayamohan, Sharanya S.H. and Rajesh. B R. (2019). Comparative phytochemical screening and bioactive properties of two aquatic weeds - *Pistia stratiotes* and *Eichhornia crassipes*. International Journal of Advanced Research in Biological Sciences. 6(8): 66-74.
14. Prathibha S.S., Anila S. Madhu., Rajesh B.R. and R. Pratap Chandran. (2019). Assessment of physicochemical and microbiological parameters in surface water of Ooty lake, a tourist hot spot in South India. International Journal of Advanced Research in Biological Sciences. 6(8): 105-111.
15. Swathy D, Aadil Shahjahan, Devika Jayamohan, Sharanya S.H. and Rajesh. B R. (2019). Comparative phytochemical screening and bioactive properties of two aquatic weeds - *Pistia stratiotes* and *Eichhornia crassipes*. International Journal of Advanced Research in Biological Sciences. 6(8): 66-74.
16. Cholassery S, Krishna V, Sreethu VS, Shabnam SR, Vandana R, Lisha CD, Sabu KR, Rajesh BR, Chandran RP. (2019). Analysis of physicochemical and sensory parameters of wine produced from *Carica papaya*. Journal of

## RESEARCH PUBLICATIONS IN PROCEEDINGS:

1. Aswathy Mohan, Lekshmy R. Nair and Shirly K. Thomas (2018). Antioxidant Activity, Total Phenolic and Flavonoid Content of Chromoleanaodorataand Hemigraphis-colorata - A Comparative Study. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp. 47.
2. Dinu P.S., Dhanyalekshmi C.S. and PratapChandran R (2018). Studies on the effect of incubation time on cellulase enzyme production from lignocellulosic biomass using *Aspergillus niger*. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp. 48.
3. ShiramnathV. L., Mini Gopinathanand Dhanyalekshmi C.S. (2018). Studies on the effect of thermophilic condition on anaerobic digestion for biogas production from canteen waste. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp. 49.
4. Souparnika A. P., Jennymol Joseph, Shabnam S.R., Pournami T. S. and Lekshmy R Nair. (2018). Emergence of drug resistant tuberculosis: a global concern. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvallapp . 50.
5. Hitha K., Anjana Prakash, Dilna Dominic, Keerthana P. and Mini Gopinathan (2018). Probiotics: The living drugs. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp. 51-52.
6. Enrika Joy Ajit, Aswathy J. S., Blesy V. J., Dervika S., Lekshmi Jayaprakash and Karthika B. S. (2018). Isolation and Genetic Characterization of 'npr' Gene Encoding Neutral Protease In *Bacillus* sp. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp 53 - 54.
7. Neethu Franklin, V. S. Sreethu, Aishwarya M. Johnson, Athira A. Nair, K.S. Rishad and R. PratapChandran. (2018). Screening and genotypic identification of rhamnolipid producing bacteria from oil contaminated soil samples. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp 55-56.
8. NidhashaSali S., Rishad K.S. and Pratap Chandran R. (2018). Isolation and characterization of serine protease gene from *Bacillus* sp. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp 57-58.
9. Sreelekshmi Mohan M. R., AswathySanal, Sruthy L. R., Shah Ali Khan, Shibraj M. B. and PratapChandran R (2018).. Isolation and identification of amylase producing bacteria from soil samples. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp.59-60.
10. Arya B . , Vandana R . , Krishnapriya S ., Suryagayathri, Abhiram Krishna A, Pratap Chandran R. (2018) . Analysis of phytochemical constituents, antimicrobial, anti helmintic properties of leaf extracts of *Andrographispaniculata*. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp 61.
11. Arathy. G. Nair, Archa. S., Anand Mohan. J., PoojaAjith, Radhika Krishnan and PratapChandran R (2018). Analysis of antimicrobial, anthelmintic, and insecticidal properties of leaf extracts of *Hyptissuaveolens*. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp 62 - 63.
12. MeenuDamodaran Pillai, K. S. Rishad and R. PratapChandran (2018). Analysis of multidrug resistant *E. coli* from different water samples. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp 64-65.
13. Vidhu Krishna, Gowtham G. Nair, Priyanka P., SonaSalim, Sandesh A. and PratapChandran R. (2018). Analysis of phytochemical constituents, anti-bacterial, antifungal and allelopathic activities of leaf extracts of *Alternantherabrasiliiana* (L.) Kuntze. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp 66-67.
14. Ancy Philip, Dhanya R, Gopika R, Keerthi K. Lash and Abhinand S. (2018). Molecular identification of phosphate solubilizing bacteria, *Pseudomonas* fluorescence from agricultural soil. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp 68.
15. Bhagya M. S. Kuma, Anandhu M.B., Anandh V.S., Mithra S, Arunima T.A. (2018). Evaluation of antimicrobial activity of acetone and methanol leaf extracts of seven plants against gram positive and gramnegative soil bacteria. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp 69-70.
16. Faseela P.S., Firoz khan, HaripriyaReghu N., RoshnaK.S., Shaheeda K. (2018). In vitro antibacterial activity of

- crude defatted Moringaoleifera seed extract. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp 71.
17. Govind M Suresh, Anand Krishna, Vysakh Y, SreejithSुprasanan, Lal Krishna, Ashish Sudharshan. (2018). 16S R DNA based identification and in vitro screening of antimicrobial activity of lactic acid bacteria against common food borne pathogens. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp. 72
18. SuhailCholassery, Hanna C.H., Safwa C.H., SherinShanana, Jabnas P. and Shinsky P. (2018). A low cost enzyme based system to treat urea in sewage plants. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp 73.
19. Archana C. V., AthiraPramod, Sayoojya K. P., Sowparnika K. and PratapChandran R. (2018). Enzymes as therapeutic agents: an update. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp 74.
20. Rajesh B. R, Potty V.P and Sreelekshmy S.G. (2018). Antimicrobial activity of different solvent extracts of leaf, stem bark and fruit of Terminalia catappa L. In Proceedings of the National Conference on "Towards Rational use of Antibiotics; Problems, Prospects and Future Implications" held at Marthoma College, Thiruvalla pp. 8 -9.
21. Neethu V.S., Akhila U., Geethu S. Kumar, Ahsana Naval V.K., Lekshmi R. Nair and Pratap Chandran R. (2019). Production of cellulase enzyme by Aspergillus niger under solid state fermentation using food waste as substrate. National seminar on promotion of eco friendly and sustainable innovation held on 25th July 2019 at College of Agriculture, Vellayani, Thiruvananthapuram, Kerala, India. Abst. pp. 26.
22. Keerthana P and Rajesh B. R. (2019). Cellulase production from aquatic weed Salvinia molesta D. mitch under solid state fermentation. National seminar on promotion of eco friendly and sustainable innovation held on 25th July 2019 at College of Agriculture, Vellayani, Thiruvananthapuram, Kerala, India. Abst. pp. 14.
23. Deepak V, Akshara Ajayakumar, Arunima G. R., Saran Kumar S., Lekshmi R Nair. (2019). Production of Amylase, Cellulase and Protease by Aspergillus niger utilizing banana peel as a substrate under solid state fermentation. National Seminar on promotion of eco-friendly and sustainable innovation held on 25 th July 2019 at College of Agriculture, Vellayani, Thiruvananthapuram, Kerala, India. Abst. pp. 22
24. Gayathri Premkumar, Anila S. Madhu, Parvathy Sivaram, Jisma K, Lekshmi R. Nair (2019). Eichhornia crassipes as substrate for amylase and cellulase production using Aspergillus niger. National seminar on promotion of eco-friendly and sustainable innovation held on 25th July 2019 at College of Agriculture, Vellayani, Thiruvananthapuram, Kerala, India. Abst. pp.24
- of eco-friendly and sustainable innovation held on 25th July 2019 at College of Agriculture, Vellayani, Thiruvananthapuram, Kerala, India. Abst. pp.24
25. Prathibha S S., Veena U Raj., Ajina A S., Mahima S., Lekshmi R Nair (2019). Production of Protease using Aspergillus niger from paper waste. National seminar on promotion of ecofriendly and sustainable innovation held on 25th July 2019 at College of Agriculture Vellayani, Thiruvananthapuram, Kerala, India. Abst. pp.21.
26. Akhila Chandran S., Anandu Sreekumar, Athira P., Summaya T.K., Lekshmi R. Nair (2019). Production of Cellulase using Aspergillus niger utilizing the ground Mimosa pudica as a substrate. National seminar on promotion of eco-friendly and sustainable innovation held on 25th July 2019 at College of Agriculture, Vellayani, Thiruvananthapuram, Kerala, India. pp.25.
27. Bhagya M.S. Kumar, Rajesh B.R. and Lijin K. Gopi (2019). Morphological and DNA barcoding analysis for the identification of common freshwater prawn species from Thaneermukkom, Alappuzha in the International seminar on "Blue Growth initiative: Sustainable fishery development strategies and advanced technologies for Aquaculture" held on at 7-9 August, 2019Fatima Mata National College, Kollam, Kerala. Abst. pp. 54-57.

## STUDENTS RESEARCH PROJECTS

- **Dr. R. Pratap Chandran** has guided Five M.Sc. Biotechnology students of K.V.M. College of Science & Technology.

### M.Sc. Dissertation (CUSAT)

1. Phytochemical screening and evaluation of bioactive properties of Aqueous and Methanolic leaf extracts of Ardisia solanacea.
2. Screening and Molecular Identification of Pathogenic Organisms Harbouuring on Pistia stratiotes.
3. Production and Physicochemical Analysis of Wine from Ardisia solanacea Fruit using the Yeast Isolated from Toddy Samples Collected from Alappuzha, Kerala state, India.
4. Analysis of Physicochemical, Microbiological parameters and molecular characterization of E. coli isolated from well water samples collected from Kuttanad after flood.
5. Isolation, Screening and Identification of Biosurfactant Producing Bacteria from Automobile Workshops and Optimization of Parameters for Biosurfactant Production.

### B.Sc. Dissertation (University of Kerala)

Nine students (T.S. Athira, BhavanaVijayan, G. Gopika, Teresa George, Jyothi Lekshmi S., Shilpa Sajan, Anjali P., Yadhu Krishnan R. and Amal kumar S.) of S.D.V. College of Arts and Applied Science, Alappuzha and two students (Hari Prabha and Kallu Nataraj) of SNGM Arts and Science College, Thuvavoor, Cherthala.

1. Physicochemical and microbiological analysis of well water samples collected from North of Punnapra Village, Alappuzha district, Kerala state, India.
2. Screening and Identification of Pathogenic Microorganisms in Backwaters of Alappuzha District, Kerala State, India.
3. Isolation and molecular characterization of fish pathogens isolated from Kuttanchal, Thycattussery North, Turavoor, Cherthala, Alappuzha District.

### **Internship**

Four students (Ms. Sreelekshmi S., Ms. Silpa S., Sruthi P. and Anusha Vijayan S.) from Hindustan College of Arts and Science, Chennai, Tamil Nadu, is doing their internship in the Department of Biotechnology and Research, K.V.M. College of Science and Technology and they are working on the Microbial contamination of Backwaters of Alappuzha canals.

- **Dr. Rajesh B.R.**, has guided four M.Sc. Biotechnology students of K.V.M. College of Science & Technology and One UG batch from S.D.V. College of Arts and Applied Science, Alappuzha in their dissertation work.

### **PG Dissertation (CUSAT)**

1. Morphological and DNA Barcoding analysis for the identification of common fresh water prawn species from Thaneermukkom, Alappuzha.
2. Comparative Evaluation of Bioactive Properties of Leaf Extracts of Three Indian Medicinal Plants.
3. Cellulase Enzyme production from *Salvinia molesta* D. Mitch under Solid State Fermentation using *Aspergillus flavus*.
4. Isolation and Comparative Evaluation of Bioactive Properties of Fish skin protein.

### **UG dissertation (University of Kerala)**

1. Comparative phytochemical screening and bioactive Properties of two aquatic weeds - *Eichhornia crassipes* and *Pistia stratiotes*.
- **Mrs. Mini Gopinathan** has guided Two M.Sc. Biotechnology students of K.V.M. College of Science & Technology.

### **PG Dissertation (CUSAT)**

1. Isolation and Screening of Protease producing Bacteria and production of Protease enzyme from Shrimp waste by Submerged Fermentation
2. Correlation among Total Phenolic, Flavonoid, Antioxidants, and Toxic Heavy Metals of *Moringa oleifera* during and after Monsoon in Kerala
- **Mrs. Lekshmy R. Nair** has guided Three M.Sc. Biotechnology students of K.V.M. College of Science & Technology.

### **PG Dissertation (CUSAT)**

1. Formulation and Evaluation of Herbal Toothpaste using the Leaf extracts of *Mangifera indica* and *Piper betle*

2. Phytochemical Analysis and Evaluation of Antimicrobial, Antioxidant, Antilipase, Antidiabetic and Anti hypertension activities of *Baliospermum montanum*
3. Phytochemical profiling and Evaluation of Antifungal, Insecticidal and allelopathic Activities of Leaf Extracts of *Saccharum officinarum*

### **SEMINARS / TRAINING PROGRAMMES CONDUCTED**

- “An one day workshop on Bioinformatics was conducted by the Department of Biotechnology & Research on 25th October 2019”.
- Organized “Training programme in Hazard Analysis and Critical Control Points” (HACCP) in association with International Institute for Certification and Training (IICT), Aluva, Cochin on 4-6th February 2019.
- **National seminar**

Department of Biotechnology & Research, K.V.M. College of Science & Technology, Cherthala have hosted a National Seminar “Seminar on Public Science Communication – Challenges & Importance” on 22nd February 2019 from 9.30 am to 4.00 pm as a part of National Science Day celebrations, 2019. Focal theme selected for this year National Science Day celebrations was ‘Communicating science for all’. This seminar is sponsored by Kerala State Council for Science, Technology and Environment (KSCSTE) Government of Kerala, and supported by Department of Science and Technology (DST), Government of India. 75 participants including students and faculties from other colleges had attended the seminar. The seminar was inaugurated by Shri. P. Unnikrishnan, Municipal Chairman, Cherthala. The technical sessions were handled by Dr. Shaji P.K., Deputy Director & Principal Scientist, Environmental Resources Research Centre, Trivandrum and Mr. Vinaya Chandran M.P, Assistant Professor, K.V.M. College of Special Education, Cherthala, Alappuzha.



### **SEMINARS ATTENDED**

Mrs. Mini Gopinathan and Mrs. Lekshmy R. Nair, Faculty members, Department of Biotechnology and Research attended a Two days National workshop on “Research methodology, Academic writing and Soft skills for Researchers” conducted by The Post Graduate Department of Zoology at Sree Narayana College, Cherthala on 15th & 16th March 2019.

## NATIONAL SERVICE SCHEME

The National Service Scheme (NSS) is a Central Sector Scheme of Government of India, Ministry of Youth Affairs & Sports in order to provide hands on experience to young students in delivering community service. The NSS unit of K.V.M. College of Science and Technology is led by the NSS Programme Officer Dr. Rajesh B.R., Assoc. Professor, Dept. of Biotechnology and Research, KVMCST. As part of the Clean Campus Green Campus programme of Suchitwa mission, our NSS team had set a garden (Medicinal and flowering plants) inside the campus and also initiates the cleaning of the campus. We had also planted trees in the college campus.

## STUDY TOUR

The second semester M.Sc Biotechnology students of 2018-2020 batch went for a study tour from 24th February to 2nd March, 2019. Faculty members Dr. Rajesh. B.R and Mrs. Lekshmy R. Nair accompanied them. They visited M. S. Swaminathan Research Foundation- Community Agrobiodiversity Centre, Wayanad, Pasteur Institute of India, Ooty and Horticultural Research Station, Kodaikanal.



## TRAINING PROGRAMMES

Summer training programmes conducted by the department every year are

- Plant tissue culture (2 weeks)
- Fermentation Technology (3 days)
- Molecular Biology techniques (4 days)
- Microbiology techniques (3 days)
- Hazard Analysis Critical Control Point (HACCP) (3 days)
- DNA barcoding (3 days)

## OUR RANK HOLDERS



Mary Viji



Anju P Nair



Meera Nair



Mereena George U



Sreelekshmi Mohan M. R.

## STUDENTS RECENTLY PLACED



Meenu Damodaran

Company name: **Coral Exports**  
Designation: **Quality analyst**



Neethu Franklin

Company name: **Immucare Pvt. LTD.**  
Designation: **Immunologist**



Dinu PS

Company name :  
**Biovent, KU-TBSC Start Up University of Kerala,  
Kariavattom, Trivandrum**  
Designation : **Research Assistant**

**Archa S.**

**Junior Research Associate**  
**Bioroot Exploration India Pvt Ltd**  
**Thiruvananthapuram, Kerala**

**Vidhu Krishna**

**Guest Lecturer S.D.V. College**  
**of Arts and Applied Science,**  
**Alappuzha**

## SELECTED FOR HIGHER STUDIES

**Govind M. Suresh and Suhail Cholassery** were selected for the one year “Postgraduate diploma program in medical biotechnology on genetic counseling with special emphasis on prenatal &

postnatal diagnostics” in Osmania University, Hyderabad, Telangana and this course was sponsored by Department of Biotechnology, Government of India.

**Govind M. Suresh****Suhail Cholassery**

## KVM COLLEGE OF NURSING

### IMAGINE CREATE AND ITERATE – GLIMPSES OF COLLEGE DAY AT A GLANCE

On 7th February 2019, college day of the year “DH-RUVA-2K19” was celebrated along with graduation ceremony and aluminii meet of the academic year in the campus. The official function of the day began at 10 am with the prayer song. Prof Mrs. MareenAsha, HOD Medical Surgical Nursing Department welcomed the gathering followed



by the presidential address and presentation of college report for the academic year by Dr. Sibin Joy Vayalil, Principal. The chief guests of the function were Dr. Sunil Markose, Dr. UshaNandini Rajesh, Principal, Mother College of Nursing and Adv. Jyothis, Block Panchayath President. Dr.Sunil Markose, a distinguished higher secondary school teacher addressed the students in his typical style and made the audience spring to their feet by narrating the story of Sr. Lini who lost her life during Nippah outbreak in Kerala and inaugurated the function. Dr. UshaNandini Rajesh a senior Nursing professional and Principal of Mother College of Nursing cheered the graduates through her enthusiastic speech. Later on the graduation ceremony was followed and the students were awarded their course certificates. After the graduation the release of college magazine was done by Mrs. SaraswathiPyarelal along with the magazine editors. Mrs. Ahima Ganesh, Aluminii in-charge addressed the aluminii meet. After the felicitation by various dignitaries the stage was set for variety entertainments by the students, as they displayed their talent on the stage in front of vibrant and enthusiastic audience. The programmes came to a close at 4 pm by singing the National Anthem.

### Stars of the Day - BEST OUT GOING STUDENTS (2017-18)



Ms. Meenu Philip - Best outgoing student BSC Nursing



Ms. Meghna Tilak, Post Basic Bsc Nursing



Ms. Sunitha, Msc Nursing



### **THE LIGHT THAT SHINES SPEAKS ABOUT HOPE – LAMP LIGHTING CEREMONY**

On 22nd December 2018, the lamplighting function of 1st year Bsc Nursing students was celebrated. Sr. Pheba Nursing superintendent of St.Gregorius Hospital,Parumala was the chief guest of the function. The lamplighting ceremony recognizes the students entry into nursing profession. Programme began with the procession of new buds followed by the prayer song. Next the programme continued with the welcome address, inauguration and address by the dignitaries. After that lamp lighting ceremony took place and the flame of new beginning was passed to the students by Dr. Sibin Joy Vyalil, Principal, Prof. Mrs.S V Bhanu, Vice-Principal, Mrs.Sapna M Kokkad, Principal KV School of Nursing and other HOD'S of various departments. After the lamp lighting function Christmas celebration was conducted and the students of various classes performed their variety entertainment programmes before the audience. The students of 3rd year BSc and 2nd year BSC Nursing were the organizers of programme.



### **COMMUNITY CONSCIENCES – TO SERVE AND LOVE**

As a part of Alappuzha district level inauguration of national leprosy eradication week celebration on 30/01/2019 ,our Fourth year Bsc nursing students and II year PBBSC nursing students participated in the awareness rally conducted by district medical office Alappuzha, district leprosy unit,NHM,THQHCherthala and CHC Thannermukkam. The programme was named as “Sparsh 2019”.The Venue was leprosy hospital auditorium ,Green Gardens Cherthala .The programme was inaugurated by Mr. G Venugopal Alappuzha district PanchayathPresident.Our students Participated in various cultural programme including a skit on leprosy-its early diagnosis and prevention.



Fourth year bsc nursing students conducted an anganwadi nutrition programme on 11/1/2019 at anganwadi number 25 under cherthala municipality. The programme was enagurated by Mrs.Prabha ICDS officer .MRs Maya Anganwadi teacher felicitated in the function .Our students prepared five different varieties of Amruthum powder dishes and given classes to the mothers of under five children on the prerpparation and nutritive value of each dishes .they prepared Halwa,Cake,Unniyappam,Vattayappam and Puttu with Amrutham powder. Students were guided and supervised by Mrs.Soumya C S ,Assistantprofessor,Mrs.Neethu Vincent, Assistant professor and Mrs. MeghaMuraly, Clinical instructor, KVM College of nursing



### **BLOOD DONATION CAMP**



A blood donation camp was conducted at THQH cherthala on 31/1/2019. The was organized by department of transfusion medicine and immunohematology ,government TD medical College Vandananam ,Alappuzha .Our fourth year bsc nursing students participated in blood donation camp and 10 of our students donated blood.

## SCHOOL HEALTH PROGRAMME

Fourth year Bsc nursing and second year PBBSC nursing students conducted a school health programme on 13/02/2019 at St Mary's Girls High School ,Cherthala ,Alappuzha. The programme includes the awareness classes and health checkup of 7 th class students. The awareness topics were obesity ,PCOD and Menstrual Hygiene. Health Checkup includes height checking and weight checking.BMI calculation and vision testing . The students were guided by Mrs. Soumya C S and Mrs. Neethu Vincent, Assistant Professors, KVM College of Nursing.



## AIDS DAY CELEBRATION



As a part of World AIDS day celebration II year Bsc nursing students of KVM College of nursing conducted a skit at KVM multi-specialty hospital, cherthala on 1/12/2018.

## WORLD "NO TOBACCO DAY"



As a part of World No Tobacco day celebration II year Bsc nursing students of KVM College of nursing conducted a skit at KVM multi-specialty hospital, cherthala on 31/05/2019.

## STUDENT SUPPORT AND GUIDANCE PROGRAMME

The Students support and guidance programme was started in the college to overcome the stress factors of the students , to provide proper guidance and to improve the success rate and to produce excellent nursing professionals for the society. The SSGP programme for the current academic year has began in the month of October. The aim of the SSGP is to achieve academic and personal success irrespective of their economic and social backgrounds. Prof. Mrs. MareenAsha M S is the teacher in charge of the Programme. The various activities conducting under this programme are,

### **November : Awareness classes for first Bsc nursing students**

Awareness classes for 1st year B.Sc nursing students were conducted based on various topics. The problems were selected based on the problems faced by the students in their adolescent stages. The awareness class of mental health was taken by Prof. Mrs S V Bhanu, Vice Principal,KVMCON. The awareness class on reproductive health was dealt by Mrs-Deepa Dinesh, Senior Lecturer, KVMCON. The Lifestyle modification classes was covered by Prof. Mrs. MareenAsha M S, HOD medical surgical nursing department.

### **December : psychological assessment for first Bsc nursing students**

A psychological assessment was conducted among 55 students of first year Bsc Nursing using modified psychological assessment format to assess the psychological capacity and identify the area to be modified for students well functioning.

### **January : Jewellery Making**

The jewellery making class was taken by MrsNeethu Vincent, Assistant Professor, Community Health Nursing Department. She had given class regarding use of various materials to make jewelry and also demonstrated the method of making Bangles, Rings and Chains. All the students enjoyed the session very well.

### **February: Debate**

The topic of the debate was Women Empowerment in our society. The students were divide into two groups and students made oppositional arguments and finally concluded with the positive effects of women empowerment.

### **March : Elocution**

Elocution was conducted among the students to improve the skills of clear and expressive speech, especially of distinct pronunciation and articulation. It enable the students to face the public and thus to erase the fear. The topics of the speech were Drug Abuse and Changing Educational System.

### **April : News Paper Making**

To improve the practice of reading and writing, the newspaper making activity was conducted for all the four

batch of BSc nursing students. The students of all batches given special time for doing the activity, each batch has selected their portions, prepared and presented the Newspaper with great enthusiasm

#### **May : Model Preparation**

The model preparation was planned and commenced, thus to improve the creativity skills of the students. All the batches were given different topics and all done well, which made the students knowledgeable and skillful.



#### **STUDENT NURSES ASSOCIATION OF INDIA - KVMCON UNIT**

##### **UNIT LEVEL ARTS COMPETITIONS 2018-19**



On 12th January 2019, unit level SNA arts competitions were conducted. Ms. Neenu P A arts club secretary inaugurated the function along with Dr.Sabin Joy Vayalil, Principal. Mrs. MareenAsha, HOD Medical surgical nursing department, Mrs. Bhavya S, SNA Advisor, Ms. Bhagyalekshmi, SNA Vice-President, Mr. Rahul General Secretary, Mr. Vishnu G Nair, College union chairman and Ms. NooraNazeer, Treasurer were present in the function. The day was wonderful celebrations of the arts and the students embraced their opportunities to compete in their respective classes . The day ended with the announcement of results of the competitions to the applause of the students.



#### **SNA UNIT LEVEL SPORTS COMPETITIONS**



The much awaited sports day of the college was held on 3rd February 2019 at KVM trust ground at Varanad, Cherthala. The programme began with march past of the students. The students entered into the ground with sports man spirit and the oath was administered by the sports club secretary Mr. Alen . All the competitions were conducted under the supervision of Mr. Joseph , Physical educator. The students competed in various indoor and outdoor events and the competitions ended at 3 pm.

#### **NURSES A VOICE TO LEAD : HEALTH FOR ALL : NURSES DAY CELEBRATION 2019**



International nurses day -2019 was celebrated in the college on 10.05.19 from 2 pm to 4 pm. The students of 1st year BSc Nursing were the organizers of the function. The programme started with a video presentation on brief history of the growth of nursing profession followed by a skit based on life history of Florence nightingale. Dr. Sibin Joy Vayalil, Principal, Prof. S V Bhanu, Vice-principal, Mr. Vishnu G Nair college union chairman and Ms. Bhagyalekshmi, SNA Vice-president delivered the felicitation speeches and wished all Happy Nurses day.

### EID-CELEBRATIONS 2019



As a part of SNA monthly activity Eid was celebrated on 01.06.19. The students of 3rd year BSc Nursing were the organizers of the programme. Prof. Mrs. S V Bhanu vice-principal addressed the gathering and various cultural programmes were performed by the students followed by Mehndi competition and presentation. After the cultural programmes a small IFTAR PARTY was conducted for Muslim students.

### NSS UNIT – KVM CON

#### HEALTH CAMP



Considering the importance Of 'Maintaining Wellbeing among Common man' . Students from 2ndPBBsc Nursing along with NSS volunteers of KVM College of nursing conducted a health camp on January 2019 under the supervision of Community Nursing Department and NSS Coordinator, in association with CHC,Muhamma and Sahridaya Arts and Sports Club .The formal session of the camp was inaugurated by H.I Mr.Lalkumar ,CHC Muhamma. Mrs.Sindhu, Ward Member presided over the function. Mrs.Soumya C S ,Assistant Professor ,KVM college of Nursing and Mrs.Veena ,Ophthalmologist CHC Muhamma felicitated in the function. Activities of the camp include height and weight monitoring, BMI calculation, blood sugar and blood pressure monitoring. The ophthalmology department of CHC Muhamma check visual acuity. The students also arranged health exhibition on life style diseases and women empowerment.

### World Environmental Day



To promote awareness and to act for the protection of our environment, has always been the motive of the NSS unit of KVM College of Nursing. In order to filter out the increasing atmospheric pollutants arising from burning plastics and all other sources the green warriors of the NSS unit of kvm college had decided to contribute to the development of a Green Belt. For this, Volunteers under the guidance of NSS Coordinator had collected 500 saplings from the Forest Department. This initiative was proudly inaugurated by PrincipalDrSibin Joy Vayalil and Prof MareenAsha on 1st June 2019. Each student of KVM College of Nursing was handed over a sapling, to be planted in their houses.

### NURTURING ACADEMIC EXCELLENCE .....

#### WORKSHOP

#### Workshop on Proud to be a nurse – Transformation of a person from Bench to bedside nursing.

A State level workshop on Proud to be a nurse – Transformation of a person from Bench to bedside nursing was conducted on 21st and 22nd May 2019 at college auditorium which was organized by Department of Child health Nursing. The programme begin with the inauguration function. The chief guest of the function Dr. Jameela P S, Principal, KVM College of special education inaugurated the function. Dr. Sibin Joy Vyalil, Principal, Prof. Mrs. S V Bhanu, Vice-Prin-

cipal, Mrs. Bhavya S, Organizing secretary, Mrs. Anjali Pavithran, Student organizer, Mr Vineeth Joseph and Mr. Abhilash Joseph, Resource persons, other faculties and delegates were present in the function. The sessions started at 9.30 am and the first session was on "Life is beautiful" which was dealt by Mr. Abhilash Joseph. The second session was on the topic "Born to win". In this session various methods to develop insight regarding ones own capabilities were discussed. Next there sessions were on goal setting, empathetical nurse and team building and leadership.



On the second day the sessions started at 9 am and the first session was on public speaking and communication skills and attitude development by Mr. Justin Thomas an International motivation speaker (TV fame and radio Fame). This session lasted till 1pm and the delegates got chance to improve their skills. The afternoon session was on study techniques and mind power. Various mind powering techniques such as meditation were taught to the delegates. There were total 45 participants from various nursing colleges across Kerala. The two days of workshop ended with feedback session, with a pleasant environment members shared their learnings and felt that workshop was meeting the contemporary needs and supports for the overall development of a nursing personnel. The workshop awarded 14 KNMC credit hours to all participants.

## THE FRUIT OF HARDWORK - ACADEMIC RESULTS 2017-18

**BSC NURSING - 96%**

**POST BASIC BSC NURSING - 90%**

**MSC NURSING - 100%**

## CONTINUING EDUCATION PROGRAMMES

CNE in the month of January was conducted by the community health nursing department of KVM College of nursing in the conference hall at 2.00 pm on 14/1/19. The topic was women and thyroid disorders and it was presented by Mrs. Soumya C S and Mrs Neethu Vincent, Assistant professor.

As a part of CNE programme the Medical surgical nursing department of KVM College of nursing presented their CNE topic in the conference hall at 12.00 pm on 27/03/19. The topic was osteooodontokerato prosthesis and it was presented by Mrs. Mareen Asha, Professor and Mrs Sona G, Assistant professor.

As a part of CNE programme the Child Health nursing department of KVM College of nursing presented their CNE topic in the conference hall at 11.00 am on 01/06/19. The topic was oppositional defiant disorder and it was presented by Mrs. Anusha Venugopal, Associate Professor and Mrs Nisha Divakaran Assistant professor.

The department of mental health nursing presented their CNE topic in the conference hall at 11.00 am on 11/06/19. The topic was relaxation techniques and it was started with a brief introduction about the topic by Prof. S V Bhanu, Vice principal followed by the topic presentation and demonstration by Mrs Biyamol and Mrs Alphonsa Mathew, Senior lecturers.

## CERTIFICATE PROGRAMME AT KUHS

- Mrs. Anusha Venugopal, Associate professor, Mrs. Shani Vincent, Associate professor, Mrs. Jothilekshmi, Associate Professor Mrs. Nisha Divakaran and Mrs. Bhavya S, Assistant Professors completed certificate programme in research methodology under KUHS.
- Mrs Surya C S (Professor) and Mrs Arya Peethambaran (Assistant professor) have started doing certificate programme in research methodology and Mrs Aleena Antony and Mrs Alphonsa Mathew (Senior lecturers) are attending certificate programme in adult guidance and counselling under Kerala University of Health science, Thrissur.

## RESEARCH WORKS OF 2018-19

In 2019, we have completed undergraduate and post graduate research works. The details of completed works are given below

1. Assess the level of knowledge regarding illeffects of tobacco abuse among adolescents- Researchers- MrArun M, AdheenaIssac, AminaRasheed, Ammu S
2. Assess the level of knowledge and barriers of utilization of ICDS services among mothers of underfive children – Researchers – MrsLittyStanely , Aiswarya M, Anusree P K, Ashalal
3. Assess the level of depression among senior citizens –Researchers – MrsAhima Ganesh, AiswaryaSatheesan, AnaghaSaji, Babitha B Nair
4. Assess the level of perception on clinical learning experience among Bsc nursing students – Researchers – Mrs. Aleena Antony, Amalomy, Amrutha M M, Anjana Prasad
5. Assess the level of knowledge regarding modifiable risk factors of coronary artery disease among patients with type II diabetes mellitus – Researchers – MrsAthira Raj, AbhiramiAravindhan, AnieReji, Anjumol. S
6. Assess the level of knowledge among mothers of underfive children regarding prevention of child abuse.- Researchers – MrsSoumya C S, AiswaryaJayanandhan, AlithaAjith, Archana V.C
7. Assess the level of knowledge regardingbreast cancer among women at reproductive age group – Researchers – DrSibin Joy Vayalil, Karthika, Abeena N, Jayana Jain
8. Assess the prevalence of alcoholism and coping strategies adopted by the wives of alcoholics- Researchers- DrSibin Joy Vayalil, Suvarna P Kaimal, Sara John, Pavithra
9. A study to assess the knowledge regarding parenting styles among parents of adolescents –Researchers- MrsBhavya S, Surabhimal, Mebin Varghese, Athira J Thankachan
10. Knowledge and practice regarding prevention of vector borne diseases among house wives. – Researchers-MrsNisilaLatheef ,Dr . Sibin Joy Vayalil
11. A correlational study on body mass index and menstrual irregularities among the adolescents- Researchers- Akhila S, Mrs Marie Rosy,
12. Prevalence and knowledge of hyperthyroidism among antenatal mothers – Researchers-Archana M, Mrs Marie Rosy
13. Effect of structured teaching program on knowledge regarding early symptoms and management of myocardial infarction among high risk clients. – Researchers- - Aparna C Lakshmy, MrsJothilakshmi
14. Knowledge and self care practice among patients with COPD. – Researchers-Ammukkutty, MrsMareenAsha
15. Correlation between stress and the selected Biophysical parameters among women who attained menopause – Researchers-Arunima M Joseph, MrsMareenAsha

16. Effect of structured teaching programme on knowledge regarding prevention of occupational health hazards among coir workers- Researchers-Saranya Y ,MrsShany Vincent
17. Prevalence of attention deficit disorder among school age children – Researchers-Vidhu S Vijayan, MsAnushaVe nugopal
18. Effect of structured teaching programme on knowledge regardingchild abuse among mothers of preschoolers” – Researchers-AparnaBabu C B, Mrs Surya C S
19. Knowledge and attitude towards the media use and quality of sleep among adolescent. –Researchers-Jibi Elsa George, Prof S V Bhanu

## PUBLICATIONS

We have send the manuscripts of the following research works to International journal of nursing research and education, International journal of child health nursing and International journal of obstetrical and gynaecological nursing. They have accepted the manuscripts and it will be published soon.....

1. Level of knowledge regarding CPR among 2 nd year BSc nursing students – Authors –MrsLittystanely, Suvarna, Karthika, Lipy Krishna
2. Knowledge and practice regarding prevention of vector borne diseases among house wives. – Authors – MrsNisilaLatheef ,Dr . Sibin Joy Vayalil
3. A correlational study on body mass index and menstrual irregularities among the adolescents- Authors –Akhila S, Mrs Marie Rosy,
4. Prevalence and knowledge of hyperthyroidism among antenatal mothers – Authors –Archana M, Mrs Marie Rosy
5. Effect of structured teaching program on knowledge regarding early symptoms and management of myocardial infarction among high risk clients. – Authors –Aparna C Lakshmy, MrsJothilakshmi
6. Knowledge and self care practice among patients with COPD. – Authors –Ammukkutty, MrsMareenAsha
7. Correlation between stress and the selected Biophysical parameters among women who attained menopause – Authors – Arunima M Joseph, MrsMareenAsha
8. Effect of structured teaching programme on knowledge regarding prevention of occupational health hazards among coir workers- Authors – Saranya Y ,MrsShany Vincent
9. Prevalence of attention deficit disorder among school age children – Authors – Vidhu S Vijayan, MsAnushaVe nugopal
10. Effect of structured teaching programme on knowledge regardingchild abuse among mothers of preschoolers” – Authors – AparnaBabu C B, Mrs Surya C S
11. Knowledge and attitude towards the media use and quality of sleep among adolescent. – Authors – Jibi Elsa George, Prof S V Bhanu.

# K V SCHOOL OF NURSING

## FRESHERS TALENT DAY – "SATVA"

A talent day cum freshers day SATVA was conducted on 30/11/18, for the new comer batches of first year ANM and first year GNM. The freshers are very enthusiastic to participate and exhibit their talents in different ways. It is the formal welcoming to the new comers and let them



Valuable Inaugural Speech by Vice - Principal

mingle with their seniors, a chance to peep out from the shells of the school life and setting the foot in the professional settings. All the students enjoyed the programme. Programme inaugurated by vice principal KVSON,Mrs.K.Seshu Mani.



Exploring the talent by 1st year GNM & ANM Students

## FAREWELL TO THE FINAL YEAR GNM BATCH



Final years with faculty on Farewell

On November 28 th we had a farewell to our GNM batch from new syllabus third year GNM programme. All the immediate juniors organized the programme with playful events and snacks. Farewell messages were given by the principal Mrs.

Sapna. M.Kokkad followed by vice principal and class co-ordinator. The outgoing students representatives conveyed their experience and gratitude towards the Principal and faculty.

## CHRISTMAS CELEBRATIONS

December being the month of festivities and joy, KVSON had the celebrations of Christmas on 22-12-2018. As the next day onwards students will be on Christmas vacations. The Christmas programme was inaugurated by the principal KVSON Mrs.Sapna. M.Kokkad by cutting the cake and distributed to all the staff and students.all the students decorated their classes and enjoyed the celebrations.



Christmas Celebration in school premises

## LAMP LIGHTING CEREMONY

**A**s usual main highlight of our school of Nursing ,the LAMP LIGHTING CEREMONY was conducted on 5-3-2019,for the novices of 36th batch GNM.The function was inaugurated by Dr.Muraleedharan Medical officer W&C hospital Alappuzha. Welcome speech was delivered by Mrs. Priya Francis Senior Nursing Tutor. The Presidential address was given by Mrs. Saraswathy Pyarelal and inspiring message from the Principal Mrs. Sapna M Kokkad .Dignitaries on the dais delivered their valuable messages and blessings to the novices. Awards for Best bed side Nurse, Best academic performer and Best outgoing students were distributed by the dignitaries. Students and staff of school of nursing enjoyed the ceremony followed by variety of cultural events and a delicious lunch.

After lamp lighting ceremony KV School of Nursing faculty and students presented a rose plant to the guest of honour as a token of gratitude.

Lamp lighting ceremony of 36th batch GNM was celebrated grandly under the guidance of Mrs.Sapna M Kokkad , Principal K V school of nursing. Lastly vote of thanks delivered by Ms.Aishwarya Premdas thanking every individual leading to successful completion of the programme.



Inauguration of DYUTHI 2K19 by chief guest Dr.Muraleedharan Medical officer W&C hospital Alappuzha



Our Principal & Staff Lights the lamp of passion & intellect



Teachers and Brimming Buds



Distributing the lamp by Mrs. SAraswathy Pyarelal , Director KVM Trust



Brimming buds with lamp & taking oath



Mind-blowing performance by the Students

## INTERNATIONAL WOMENS DAY

As a part of international womens day celebrations on march 8th we have conducted a poster presentation competition on the theme of women's day 2019 "think equal, build smart , innovate for change". The poster presentation was held on 13/3/19 this was inagurated by our beloved principal Mrs. Sapna M Kokkad.

SNA wing honoured Mrs.Sapna M Kokkad, principal,kvson as "ideal principal" and presented with a momento, and all the teaching staff is presented a flower of rose on this occasion.

SNA has given prizes to winners of poster presentation

- |                    |                   |
|--------------------|-------------------|
| <b>Ist prize</b>   | : Third year GNM  |
| <b>IIInd prize</b> | : Second year GNM |
| <b>IIIrd prize</b> | : Second year ANM |



Preparation for Women's Day Poster Presentation

## WORLD WATER DAY

"WORLD WATER DAY" was observed on 22-3-2019 based on the theme- leaving no one behind. The theme is the central promise of 2030 agenda for sustainable development as sustainable development progresses everyone must benefit.

The students of third year GNM conducted a flash mob at KVM hospital OP premises to convey the message of conservation of water and each drop of water.



Flash mob at KVM hospital

## SNA SCHOOL LEVEL ELECTIONS

SNA general body election 2019, was held on 23-3-2019 for electing SNA executive members for the year 2019

SNA advisor : **Mrs Saumya Maniyankutty & Mrs Jyothis uma S**

SNA vice president : **Ms Josmy Thomas**

Secretary : **Ms Ribimol Raji**

Treasurer : **Ms Fathimath Saliha**

### Representatives from each class

First year GNM : **Ms Devika P S**

Second year GNM : **Ms Shinu Elizabeth**

Third year GNM : **Ms Jalien Stephen**

First year GNM : **Ms Gayathri Chadran**

Second year GNM : **Ms Ansila**

As a part of Nurses week celebrations in Alappuzha District our Students Participated in Cultural and Sports Completions and won prizes in various items

1. **Sreelekshmi V P** : 3rd Prize in Light Music
2. **Ayishabeevi** : 3rd Prize in Essay writing Malayalam
3. **Neenu Ouseph** : 3rd Prize in painting]
4. **Arunima & Party** : 2nd prize in National Anthem
5. **Kavithamol & Party** : 3rd prize in nadanpattu
6. **Anishma S Babu** : 2nd Prize in Lemon & Spoon
7. **Gayathri & Neenu** : 1st prize in Carroms
8. **Aparna Sabu** : 1st prize in Discusthrow
9. **Kavithamol** : 3rd Prize in 100 mtr race
10. **Aparan Sabu** : 2nd Prize in shot put



Moreover, on Nurses day ie; 12th May students participated in Nurses day rally and one of our Faculty Mrs. Priya Francis Awarded as the Best Nursing Tutor among private sector institutions Alappuzha.



Our 31st Batch ANM Student MARY HELAN T P won 3rd Rank in Kerala & She Received the Certificate from Devasam Board Minister Kadakampally Surendran at Thiruvananthapuram on May 12th



## Farewell for ANM 2nd Year

Farewell was given to ANM II year by their Juniors on 08/08/2019



Final year ANM Students with Teachers

## ONAM CELEBRATION

Onam Celebration was conducted on 05/09/2019. Various games were arranged and athapookalam was made by the students. All students and Faculty actively participated and enjoyed.

Afterwards a Delicious Onasadya provided for all.

Our 1st GNM Students Participated in a rally SRAVANA 2019 Conducted by Cherthala Municipality as a Part of Onam Celebration.

## TOUR

On 18/06/2019 Final years of ANM went for a oneday trip to Wagamon and our 3rd year GNM Students went for 2days Trip to Idukki and Munnar on 16th and 17th of October 2019.



## WORLD HEART DAY

As a part of world Heart Day KVM Hospital Conducted a rally on 29/09/2019 Dr. Avinash Haridas inaugurated this Function and given a speech regarding Heart Diseases, Its Prevention and Management. our 3rd year GNM & 1st year ANM Students actively participated in the Rally



## K VM COLLEGE OF SPECIAL EDUCATION, CHERTHALA

### CONDUCTED PROGRAMMES

CRE programme on the Topic "Adult Independent Living" from 12/12/2018 to 16/12/2018. 30 delegates from various institutions like special schools and SSA attended the programme.



### YOGA TRAINING

Conducted a one day Yoga Training class for the teacher trainees of the new batches on December 18, 2018.



## REPUBLIC DAY CELEBRATION

The Principal hosted the flag and delivered Republic Day message to the delegates. Trainees of the college performed various cultural programme like Patriotic Songs and Dance Etc., Republic Day messages given by faculty and trainees.



## PERSONALITY DEVELOPMENT CLASS

Conducted a Personality Development Class by Mr.V.P. Manachery on 23/02/2019, for the Teacher Trainees of the college.

## WORLD AUTISM AWARENESS DAY

Conducted a Awareness Programme at Govt.General Hospital, cherthala as part of the World Autism Awareness Day "WAAD" on 2ND April 2019. The co-ordinators of the programme are Ms.Rittymol Mathew & Mrs.Rajimol Raju.



As part of the World Autism Awareness Day Conducted a class for trainees of the college on the topic: "Assistive Technology for Children with ASD" by Mrs.Deepthi, Parent of an Autism Child.

## PAPER PRESENTATION BY FACULTIES

### Dr.JAMEELA.P.S

Presented & Published a Paper on the topic "Effect of Co-operative Learning in Acquisition of Reading Skill among Students with Intellectual Disability in Special School" at St. John of God, Pampady, Kottayam in the Inter National Seminar.

### SASIKALA.L

Presented & Published a Paper on the topic "Relationship between self Determination and Quality of Life among Adolescents with Mild Intellectual Disability" at St. John of God, Pampady, Kottayam with Mrs. Sujitha.S in the Inter National Seminar.

### VINAYACHANDRAN.M.P & RITTYMOL MATHEW

Presented & Published a Paper on the topic "ABA" at St. John of God, Pampady, Kottayam in the Inter National Seminar.



## POSTER PRESENTATION BY STUDENTS



Ms. Sruthy D & Ms. Florence Ferdinand the 2nd year Diploma Students presented Poster on the topic "The Royal Road to Independence" at St. John of God, Pampady, Kottayam, in the Inter National Seminar.

## FACULTY ATTENDED PROGRAMME

### Dr.JAMEELA.P.S

- Chairperson for the Scientific Session in the Inter National Seminar at St. John of God, Pampady, Kottayam
- Acted as the Moderator for the National Seminar on the Topic "Disability and Rehabilitation: A socio Educational Approach" on 22/03/2019 & 23/03/2019 organized by Rehabilitation Council of India, at Sneha Sadan College of Special Education, Angamaly, Ernakulam.
- Acted as the Resource Person for the CRE programme on the Topic "Developmental Disabilities" on 16/11/2018 organized by CRC, Kozhikode at K V M College of Special Education.

- d. Acted as the Resource Person for the CRE programme on the Topic "Adult Independent Living" on 12/12/2018 & 15/12/2018 at K V M College of Special Education.



- e. Acted as the Resource Person for the CRE programme on the Topic "Disability Rehabilitation" at Sanjoe Sadan Special School, Thuravoor.
- f. Attended the "Empowerment Programme in the area of Intellectual Disability" organized by SCERT, TVM from 27th to 29th April 2019.

#### **SASIKALA.L**

- a. Acted as the Resource Person for the CRE programme on the Topic "Developmental Disabilities" on 17/11/2018 organized by CRC, Kozhikode at K V M College of Special Education.



- b. Acted as the Resource Person for the CRE programme on the Topic "Adult Independent Living" on 16/12/2018 at K V M College of Special Education.
- c. Acted as the Resource Person for the CRE programme on the Topic "Disability Rehabilitation" at Sanjoe Sadan Special School, Thuravoor.
- d. Attended the "Empowerment Programme in the area of Intellectual Disability" organized by SCERT, TVM from 27th to 29th April 2019.



#### **RITTYMOL MATHEW**

- a. Acted as the Resource Person for the CRE programme on the Topic "Developmental Disabilities" on 17/11/2018 organized by CRC, Kozhikode at K V M College of Special Education.
- b. Acted as the Resource Person for the CRE programme on the Topic "Adult Independent Living" on 15/12/2018 at K V M College of Special Education.
- c. Attended the Kudumbasree meeting conducted by Kudumbasree District co-ordinators on 23/01/2019 at Alappuzha Collectrate
- d. Participated in the Zonal Co-ordinators meet organized by RCI, New Delhi & NIEMPD, Chennai on 28/02/2019.
- e. Acted as the External Examiner for the diploma courses in Sneha Sadan College of Special Education in March 2019.

#### **VINAYACHANDRAN.MP**

- a. Acted as the Resource Person for the CRE programme on the Topic "Developmental Disabilities" on 17/11/2018 organized by CRC, Kozhikode at K V M College of Special Education.



- b. Acted as the Programme Co-ordinator for the 5 days CRE programme on the Topic "Adult Independent Living" conducted from 12/12/2018 to 16/12/2019 at K V M College of Special Education.
- c. Acted as the Resource Person for the CRE programme on the Topic "Adult Independent Living" on 16/12/2018 at K V M College of Special Education.
- d. Acted as the Resource Person for the CRE programme on the Topic "Disability Rehabilitation" at Sanjoe Sadan Special School, Thuravoor.
- e. Acted as the Resource Person to present a paper on "Learning Science and Copying" at K V M CE & IT in association with National Science Day celebration.
- f. Participated in the Zonal Co-ordinators meet organized by RCI, New Delhi & NIEMPD, Chennai on 28/02/2019.



- g. Addressed the family meeting of St.Gregorius Church, Njaliakuzhy members and talked about “Family; paradise shift from Joint to Nuclear”

#### **RAJIMOL RAJU**

- a. Acted as the Resource Person for the CRE programme on the Topic “Developmental Disabilities” on 17/11/2018 organized by CRC, Kozhikode at K V M College of Special Education.
- b. Acted as the Resource Person for the CRE programme on the Topic “Adult Independent Living” on 12/12/2018 at K V M College of Special Education.
- c. Acted as the Resource Person for the CRE programme on the Topic “Disability Rehabilitation” at Sanjoe Sadan Special School, Thuravoor.

#### **MANJU.K.S**

- a. Acted as the Resource Person for the CRE programme on the Topic “Developmental Disabilities” on 16/11/2018 organized by CRC, Kozhikode at K V M College of Special Education.
- b. Acted as the Resource Person for the CRE programme on the Topic “Adult Independent Living” on 13/12/2018 at K V M College of Special Education.
- c. Acted as the Resource Person for the CRE programme on the Topic “Disability Rehabilitation” at Sanjoe Sadan Special School, Thuravoor.
- d. Attended the “Empowerment Programme in the area of Intellectual Disability” organized by SCERT, TVM from 27th to 29th April 2019.

### **PROJECT GUIDANCE BY THE FACULTY**

#### **JAMEELA.P.S**

- Awareness programme about “Disability in Rural Area”.

#### **RITTYMOL MATHEW**

- “Remedy for Nutritional Deficiency in Pre-School Children with Disability”
- A study on “Effectiveness of Art Therapy in enhancing Self-Esteem of Students with Mild Intellectual Disability in Pre-vocational Level”.

#### **SASIKALA.L**

- a. Sensitization Programme on “Multiple Disability among Kudumbasree Women at Puthanambalam Panchayat”.
- b. Sensitization Programme on “Specific Learning Disability among Adolescents Beneficiaries in Anganvadi at Kanavattinkara Panchayat”.
- c. Awareness Programme on “Intellectual Disability among Asha Worker at Karapuzha Municipality”.

#### **RAJIMOL RAJU**

- “A Study on the Awareness among Mothers of children Studying in Pre-School”

#### **MANJU.K.S**

- “Educational Facilities Available in the Inclusive Set-up for Children with Disabilities”

#### **VINAYACHANDRAN.M.P**

- a. “Instructional Strategy: A Comparative Study among Special and General School”.
- b. “A study on Effectiveness of ‘AIOAT’ in Measuring the Teaching Aptitude of Students in Special Education”.

### **OUTSTANDING PERFORMANCES OF VINAYACHANDRAN M P**

Completed a decade of service under K V M Trust

Involves in the area of educational and clinical services

Handles a total of 8 theory papers for diploma and degree students in Special education, every year

Working as course coordinator for Diploma in Mental Retardation Course

Caters the educational needs of students in the area of Psychology and Special Education

Secured First Class with Distinction and first rank for B.Ed SE(ID) and M.Ed.SE (ID), from the University of Kerala

Developed a Tool for the Assessment and Diagnosis of Intellectual Disability and presented in the International Seminar held at St. John of God college of Special Education at Pampady in Kottayam

#### **Dr.JAMEELA.P.S**

01. Resource person in the Training and Material Development in the Curriculum for intellectually challenged organized by SCERT.
02. Acted as the Chairperson for the Paper Presentation in the Inter National Seminar at St. John of God, Pampady, Kottayam
03. Acted as the Moderator for the National Seminar on the Topic “Disability and Rehabilitation: A socio Educational Approach” on 22/03/2019 & 23/03/2019 organized by Rehabilitation Council of India, at Sneha Sadan College of Special Education, Angamaly, Ernakulam.
04. Member in the board of Studies of University of Kerala in B.Ed Programme.
05. Special invitee in NAAC for the Assessment of Training Colleges Manual Development including Special Education.
06. Resource Person in SSA project for the multi category training for Resource Teachers.
07. Resource Person in the Parents & Teachers module preparation in the Training of ASD & MR.
08. Question Paper Setter, External Examiner for Practical the RKMVU, Coimbatore for the Diploma, B.Ed and M.Ed courses.
09. External Examiner for Practical for the Diploma courses by NBER-RCI.

# KVM COLLEGE OF ARTS AND SCIENCE CHERTHALA

## Inaguration of the National Service Scheme unit

The inauguration of the National Service Scheme unit granted by the University of Kerala on December 17th 2018 was a much awaited day for KVM college of Arts and Science .The chief guest for the programme was Sri Krishna Theja IAS,the Sub Collector of Alappuzha and it was he who inaugurated the function .The presidential address was delivered by Dr.K.P Ramachandran Pillai,Principal KVM college of Arts and Science, Mr.Jayakrishnan.G Assistant Professor Dept of Commerce KVM college of Arts and Science welcomed the chief guest and all those who were present.The key note address was delivered by Dr.Nedumudi Harikumar, former Regional Director of BSI.Sri Sanalnath felicitated the function ,Mrs Sowmya Sachidevan Assistant Professor Dept of English



KVM college of Arts and Science gave the vote of thanks.After that there was a session on NSS by Prof. Vineeth Chandra Assistant Professor Dept of Commerce SD college,Alappuzha.

## 'Smell Your Sense.' Debate competition

The NSS unit of KVM College of Arts and Science conducted a debate competition, 'Smell Your Sense.' which was a prestigious debating platform for the higher secondary students across the neighbouring Higher Secondary Schools of Alappuzha district.

'Smell Your Sense' encouraged students to showcase their oratory skill. As a part of which, three candidates from each school were selected by conducting a one hour session in schools,for debating on various topics of concern. We truly had confidence in the talents and potentials of students which made us instigate to this approach. and it was indeed a privilege to see students representing on such an occasion, improving their self esteem and critical thinking

with an organised spirit of teamwork .The Grand Finale was conducted at KVM College of Arts and Science on 1st February 2019. Winners were awarded cash prizes.

After a very competitive one hour session of the debate we selected three candidates as winners, **Kumari.Harishna** from **HCSHSS Valamangalam** bagged the first prize ,the



second prize was won by **Kumari.Karthika** and the third by **Kumari Athulya** respectively from **Goverment Devi Vilasiam.HSS Kodavachor**. Considering the evaluation by Dr.Devi.K.Varma Assistant Professor Dept of Malayalam SD college,Alappuzha.The winners were given mementos, certificates and cash awards by the Principal .

## Traffic awareness and Street Play

One of the great challenges of our time is the shocking increase rate of road accidents and violation of traffic rules by youths. Considering the increasing rate of road accidents and violation of traffic rules by youths ,KVM College of Arts and Science has taken initiative to penetrate into the matter to find out its root cause .On its basis we decided to expedite the reason among the public by conducting street plays in public areas. Cherthala traffic Police was associated to conduct this programme by presenting it in a colourful way using placards,announcements and orating after and before the street play,inviting public attention.

The programme started from Cherthala private bus station and then conducted a rally around the KSRTC bus station and concluded in front of Sreedevi Temple Cherthala .The programme was inaugurated by Dr.K.P Ramachandran Pillai,Principal C and supported by Sub inceptor Ramesh Ku-



mar,Sub inceptor Omanakuttan senior CPO Sharma,CPO Satheesh,CPO Telson Joseph, CPO Rajeesh with their active participation . Assistant professors Jayakrishnan G, Priyankumar V,Anu Thomas, Karthika.K.Nair led the programme along with NSS volunteers .

## Sports Day2019- Report

The Sports day of KVM College of Arts and Science was celebrated on 1st March 2019. The programmes were arranged in the college premises. The official inauguration of the programmes were done by College principal Dr. KP Ramachandran Pillai.

On 28th February 2019 a cricket match was conducted in the college ground and its finals were held on 1st March 2019 all other programmes including foot ball were conducted. All the items were conducted team wise. There were four teams. Team Python, Team Vijay, Team Virat, and Team Blue Star. Each team had a teacher in charge namely Ms. Nisha, Ms. Resmi Alex, Mr. Priyakumar and Ms. Anju respectively. Team Python won the over-all championship.

The judging committee consisted of two to four teachers for each items ,registration and judgement. The programme was a grand success. Maximum students participated in the



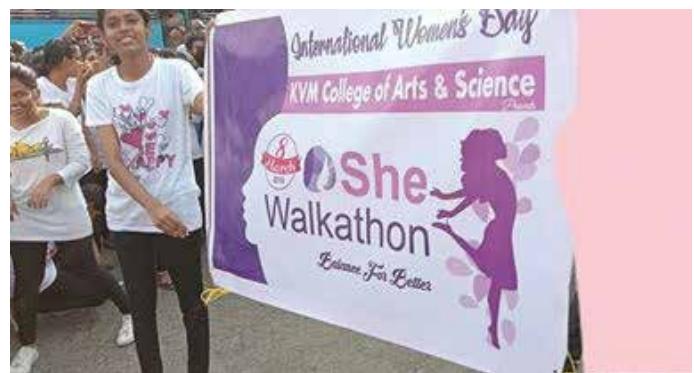
programme making it colourful.The overall in charge of conducting sports was Ms. Aswathy MK and Anju A Nair.They submitted the report to the college Principal.Mementos for all the first and second prizes were arranged to be distributed.

## Women's Day celebration and message 2019

KVM College of Arts and Science celebrated Women's Day on 8th March 2019 by sending warm message for women empowerment. The official inauguration of the flash mob and women's day rally was done by Dr.K.P Ramachandran Pillai,Principal KVM college of Arts and Science

In accordance with the college NSS unit a team of students had presented a beautiful flash mob of high value of women empowerment,self protection and their great role in national development.

The flash mob was first presented before a big crowd in private bus stand Cherthala .After which the women's Day message rally started with our college students and teachers with the announcement of women's day message and the huge rally ended in front of Sree Devi Temple Cherthala near



KSRTC bus station.

There was a big crowd to watch the flash mob programme.

The programme ended thanking the big crowd and passing the message in brief. India has a culture of respecting women and they deserve equal importance with men. Women play an important part in building up integration from family to nation. Women are assets of the nation which cannot be

substituted .They have equal rights and responsibilities as the citizens of the nation emerging India to be energised by women with their empowerment .KVM college team proclaimed that we the women of India should be a role model to everyone in and out side our country.

### Arts Day celebrations 2018-19

**T**he Arts Day celebrations were conducted on 23rd March 2019 .The programme started at 10:30 am. Our college principal Dr.K.P Ramachandran Pillai presided over the meeting. The chief guest for the programme was Cine artist Miss. Vyshanavi Venugopal,she inaugurated the cultural programme and delivered an inspiring speech on promoting arts and other cultural performances. Assistant Professor Jayakrishnan G welcomed the chief guest and all others .Assistant Professor Anu Thomas delivered the felicitation.

Students variety entertainment programmes were performed after the inauguration.



### Farewell 2016 -19

**T**he farewell programme of the final degree students of B.Com and BBA were held on 9th May 2019 at KVM College of Arts and Science .The programme was inaugurated by Dr.K.P Ramachandran Pillai,Principal KVM college of Arts and Science,Assistant Professor Aswathy M. K, welcomed the gathering followed by a motivation speech to the outgoing students for their new ventures.

Asst. Prof. Priyankumar. V, Asst. Prof. Karthika K. Nair, Asst. Prof. Aswathy M. K, Asst. Prof. Anju A Nair, Asst. Prof.Jayakrishnan G, Asst.Prof. Saneesh Rajeev, Asst. Prof. Sowmya Sachidevan, Asst. Prof.Sangeetha Prasad delivered the felicitation. Dr. K. P Ramachandran Pillai Principal KVM college of Arts and Science distributed the course certificates to the outgoing students. Finally the final 3rd year students expressed



their thanks from their heart and shared their experience . They had given a motivation to their juniors who hosted the farewell programme and they transferred their candles of ignited fire to all the students.

### KVM college of Arts and Science campus recruitment

Its an icon KVM college of Arts and Science is bringing up its crown of glory to make platform for students to achieve their professional goal by performing in the campus recruitment programmes.Banks,Finance institutions,Multinational companies are now given importance to find out quality stuffs from our college. So campus recruitment is a process which encourage students to find their path to full- fill their ambition.

The list of institutions that has done campus recruitments are:

1. TCS - Tata Consultancy Services, 2. ESAF Bank, 3. Accenture Training Solutions, 4. Sutherland.

The names of B.Com students and BBA Students who were selected in campus recruitment are given below.

Vivek M.N, Dhaneesha, Irshad, Naziya Liakath, Varun Uthaman, Hafis Haris, Sri Lakshmi, Amal, Parvathy, Alan Varghese



Mathew, Anand Jose Wilfred ,Magna Swan Chacko, Roshini A, Chandana Sudhi, Sneha Mariyam Joseph, Merry Thomas, Reshma Shaji, Lekshmi Suresh, Hazif Babu, Arjun S, Megha, Shabnamol, Vishnu S, Aashi Clara Jose, Devika P.



**Karthika K Nair**  
**Asst. Professor (Department of Commerce)**

presented and participated a paper titled on "Demonetization of black money in Indian Financial System" at the 6th National level paper presentation on Recent trends in the Indian Financial System : Paradiags and praxis on 8th march 2019 at Christu Jyothi College of Management, Changanacherry

publication no.Emerging trends in Management ISBN 978-93-5288-109-3



**Aswathy M K**  
**Asst. Professor (Department of Commerce)**

presented and participated a paper titled on "Digital Banking and Customer Satisfaction" at the 6th National level paper presentation on Recent trends in the Indian Financial System : Paradiags and praxis on 8th march 2019 at Christu Jyothi College of Management, Changanacherry

publication no.Emerging trends in Management ISBN 978-93-5288-109-3



**Saneesha Sajeev S**  
**Asst. Professor (Department of Commerce)**

presented and participated a paper titled on "Mergers and Acquisition in Banking Sector" at the 6th National level paper presentation on Recent trends in the Indian Financial System : Paradiags and praxis on 8th march 2019 at Christu Jyothi College of Management, Changanacherry

publication no.Emerging trends in Management ISBN 978-93-5288-109-3

presented and participated a paper titled on "Women entrepreneurship and Instutional support for women enterprises in kerala" at the National seminar focus on socio economic background of women entrepreneurs in minority community on 8th & 9th dec 2016 at Sanatana Dharma College, Alappuzha

publication no.Women empowerment through women entrepreneurship ISBN 978-93-5254-018-1



**Reshma Alex**  
**Asst. Professor (Department of Management)**

presented and participated a paper titled on "A review of Trends, Opportunities and Challenges of Digital banking in India" at the 6th National level paper presentation on Digitilisation on 8th march 2019 at Christu Jyothi College of Management, Changanacherry

publication no. Emerging trends in Management ISBN 978-93-5288-109-3

# KVM COLLEGE OF PHARMACY

## Research Publications



**Mrs. Lirin Mary M K**, Assistant Professor, Mr. Nipu Sam P George, Ms. Renjitha Krishnan published an article "A review on Evaluation of Antioxidant Activity of Pomegranate" in European Journal of Pharmaceutical and Medical Research, 2019,6(3),205-214.

**Mrs. Lirin Mary M K**, Assistant Professor, Mr. Nipu Sam P George, Ms. Sreelekshmi K.S published an article "A review on Evaluation of Antioxidant Activity of Pomegranate" in European Journal of Pharmaceutical and Medical Research, 2019, 6(3), 260-268.

**Mrs. Lirin Mary M K**, Assistant Professor, Mr. Nipu Sam P George, Ms. Kavya R published an article "A review on Toxic effect of Formalin on Humans" in European Journal of Pharmaceutical and Medical Research, 2019,6(3), 194-200.

**Mr Sarankumar M S**, Assistant Professor published an article "Lactate Transport and Acidosis as target for Tumor Regression by Drug Reposition in Lung Carcinogenesis in World Journal of Pharmacy and Pharmaceutical Sciences, 2018, 7(8), 752-773.

## Conference Attended

Mr Nipu Sam P George, Mrs Kirin Mary M K and Mr Anoob-kumar KI attended National Seminar Pharmaoration 2019 organized by Nazreth College of Pharmacy on 23rd February 2019.

## Guest Talk

**Student Support Guidance Cell** organized a guest talk on "Personal Strengthening and Social Responsibility of Students" by Mr P V Rajesh, Lecturer, Joseph Mundassery Co-operative Training College Thrissur on 7Th December 2018.



Guest talk on" Personal Strengthening and Social Responsibility of Students

**Student Support Guidance Cell** organized a talk on road accidents and traffic rules by Mr Omanakuttan , Circle Inspector Traffic Police, Cherthala on the part Road Safety Week Campaign.



Talk on Road Accidents and Traffic Rules

Dr Jingle Pappachan, Clinex services Ltd , Kochi delivered a talk for final year B Pharm students on the topic "Opportunities in drug safety and Pharmacovigilance" on 25th January 2019.



Talk on "Opportunities in drug safety and Pharmacovigilance"

## Professional Activity

Department of Pharmacy Practice celebrated "World Cancer Day" by conducting an awareness class for 10th standard students of Govt Girls Higher Seconadry School , Cherthala.

Ms Athira Ullas and Ms Thaqwa M Iqbal of fourth Year PharmD illustrated on etiology and prevention of different types of cancers using power point presentation. Second year Pharm D students interacted with the students using different charts prepared by their own.



World Cancer Day

## Pharmaceutical Industry Visit

Third Year B Pharm and Fourth Year Pharm D students visited Kwality Pharmaceuticals, Amritsar on 7th March 2019.



Industrial Visit at Kwality Pharmaceuticals, Amritsar

## PRANAAH- Arts Day 2019

Arts Fest 2019 named PRANAAH 2019 was conducted by Final year B Pharm students (2015 batch) and Fourth Year Pharm D students.



PRANAAH- Arts Day 2019

B Pharm and Pharm D students participated in Dance Competition organized by College of Engineering, Cherthala and secured second prize in Zealous 2K19 on 14th March 2019.



Dance Competition at College of Engineering , Cherthala

**Mr. Ian Cameron Paiva**, IIIrd Year Pharm D student secured second prize in Halla Bhol, South Zone arts meet on 21st to 25th January 2019 conducted by Kerala University of Health Sciences, Thrissur.



South Zone Arts Meet

## SPORTS MEET

Sports Club under the leadership of Sports Secretary Mr. Akash Babu and Sports Co-ordinator Mr Vivek R organized sports meet 2019 on 9th and 10th April 2019.



Sports Meet -2019

**Ms Yamuna Kurup**, III rd Year Pharm D secured first prize in Discuss Throw and Second prize in Shotput in Pharmasportive 2K 19 held at Kozhikode organized by Kerala State Self Financing Pharmacy College Management Association on 10th January 2019 to 12th January 2019.



Inter College Sports Meet- Pharmasportiva 2019

**Farewell** programme of the 6th batch BSc MLT students were conducted on November 23rd 2019. The function was inaugurated by the principal professor G Abraham, followed by a motivation speech to the outgoing students for their great future. Mrs Sapna M Kokkad (principal, KVM School of nursing), Mr Manoj Joseph (manager, KVM trust), Ms Vija Das (vice principal), Mrs Vindhya vv (hod, microbiology dept), Mrs Meera M S (hod biochemistry dept), Mr Sarath Lal (asst professor, microbiology dept), delivered the felicitation. Mr Gaurav receives best outgoing student award and Mrs Vidhu receives topper of the batch award.



**A quiz competition and poster medical exhibition** were held on 30th November regarding **world AIDS day**. The quiz was conducted and ruled by Mr Sarath Lal, assistant professor microbiology department. Mr Varghese Abraham and Ms Daya Muraleedharan from 3rd year bsc mlt secured first prize and received their prize from principal professor G Abraham. Appreciable participation was there in the exhibition by every classes. Exhibition is co-ordinated by Mrs Vindhya, assistant professor, microbiology department.



**Sportech2k18**, is an annual sports meet conducted for mlt faculties of KUHS. Mr Harikumar J, Mrs Hazna Abbas and Mr Sarath Lal were participated in the event as the representatives of north zone. Hazna abbas won 1ST IN 100 meter race and long jump and won second prize in 400 meter and short put and Sarath Lal became first in chess.



**Arts and sports day** competitions are conducted on 2nd February at the college auditorium. Principal professor G Abraham sir inaugurated the function. Competitions in various events are held between every classes. Active participation was there in the competition and the final year BSc MLT students rovanzers became first and 3rd year BSc MLT students howitzers became second. appreciable participation and spirit from both fresher batch was notable in the events.



**The graduation ceremony** of the 6th batch BSc MLT students were conducted on March 8, 2019. The function was presided over by the principal professor G Abraham. The inaugural ceremony was held at 10.00 am at the college auditorium by Mrs Saraswathy Pyarelal. Students received their certificates of graduation from Mrs Saraswathy Pyarelal, Prof. G Abraham, and other department heads. Mrs Sapna M Kokkad (principal KVM School of Nursing), Mr Vinayachandran (Department of Psychology) delivered felicitation. The function ended up with a vote of thanks made by Mr Sarath Lal (asst professor microbiology department).



**VAIKHARI 2k19**, the college day celebration of the year 2019 was held in 9th February, at college auditorium. Principal professor G Abraham presided over the function, Mrs Saraswathy Pyarelal inaugurate the function and Mr Dinesh Damodar, famous tv artist participated the function as chief guest. Vaikhari was sounded with mesmerizing performances by the students and ended up the function by the blasting performance by D SOULS DANCE COMPANY



**A**lumni re union was conducted on 9th February at college auditorium. Former students and teachers gathered the function. They shared their memories and experiences with the audience. Mr Arun Krishnan assistant professor department of biochemistry introduce the guests to the audience. was so inspiring and motivated moments for the present students.



**T**wo seminars were conducted on 27th april on the occasion of international laboratory week and as a part of continuous medical evaluation programme. Dr M Pradeep Kumar took the classes on the topics "non communicable disease its prevention and management" and " common errors in laboratory practices " seminars were much informative to all the students.



## Orientation Program

Orientation Program for the 5th Batch of our Pharm D Course was conducted on 1st August 2019. The Function was inaugurated by our chief guest Dr K P Ramachandran Pillai, Former Principal of KVM College of Arts and Science. Presidential address was delivered by Dr. Preeja G Pillai, Principal KVM College of Pharmacy and Mr John Thomas, Assoc. Professor welcomed the gathering. Our Chief Guest shared his views with the gathered parents and first year Pharm D students to make them understand the importance of studies.

On 2nd of August 2019 orientation program for our 10th batch B Pharm course was conducted and was inaugurated by chief guest Dr R Pratapchandran, Principal KVM College of Science and Technology. He motivated the students by giving his valuable thoughts.



Orientation Program – Pharm D Program

## Onam Celebration

Fourth Year Pharm D students and Third Year B Pharm students coordinated Onam Celebration (Jillampadapada2K19) on 6th September 2019. They coordinated various competitions such as Tug of War, Athapookalam, Uriyadi, Musical Chair and Malayalee Manga followed by a grand feast. They concluded their celebration by Chinkari melam with Pulikali.



ONAM CELEBRATION -2K19

## Study Tour

A Study Tour was organised for the Second Year D Pharm Students of 2017-19 batch from 12th to 14th October 2019. Faculty members Mr Sajin KA, Ms Priyanka Elizabeth Kurian and Mrs Sruthi N U accompanied them.



College Tour- Second Year D Pharm (2017 batch)

## Pharmacist Day Celebration

To celebrate the contribution of pharmacists towards the world, September 25 is celebrated as World Pharmacist Day every day. The day is celebrated with an objective to create awareness about the role of a pharmacist in improving health and highlight the importance of medicine experts in one's life.

Pharmacist Day was celebrated on 25 September on the Theme "Pharmacists Are Responsible for Safe and Effective Medicines for All" to promote and advocate the role of the pharmacist in improving health all over the world. We celebrated Pharmacist Day by conducting Quiz competition for our budding pharmacists by our Quiz master Mr Vivek P, Assistant Professor and also by making poster competition. Doctor of Pharmacy, B Pharm and D Pharmacy Students of our college made informative posters for creating awareness to the society. Fourth Year Pharm D students secured first prize and second prize shared by First Year D Pharm and First Year PharmD students in Quiz competition. Second Year Pharm D students secured first prize and second year D.Phrm student's secured second prize in Poster competition. The program came to an end when all attendees took pharmacist's oath with their hands on heart.



Pharmacist Day Celebration 2019

## World Heart Day Celebration

This year on World Heart Day, as part of our mission to ensure heart health equity for all, our objective was to create a global community of Heart Heroes... people from all walks of life who are acting now to live longer, better, heart-healthy lives by making a promise:

A simple promise... for MY HEART, for YOUR HEART, for ALL OUR HEARTS.

Activities are there by to make public awareness about the importance of having a healthy heart.

The Students were inspired by the creativity and with the constant encouragement of faculties, they joined forces to make a heart promise and made the public aware " My Heart Your Heart" and encouraged them to become a hear hero. Because we believe Every Heart beat Matters.



World Heart Day - Every Heart Beat Matters

## Guest Talk

Guest talks were conducted for Fourth Year and Third Year B. Pharm Students on the topic Hemostasis, Thrombosis & Related Drugs by Mr Thahimon Assistant professor, St Joseph College of Pharmacy on 16/10/2019 and on 17/10/2019 another talk was conducted for final B.Pharm students on the topic" Plant Tissue Culture" by Dr.Bindu A R, Professor CPAS, Ettumanoor.



Guest Talk on Hemostasis, Thrombosis & Related Drugs



Guest Talk-Plant Tissue Culture

## Fresher's Day Celebration

The 10th of October 2019 was marked as a memorable day in the life of first year Pharm.D fresher students of KVM College of Pharmacy. The fresher's day was a day that was filled with excitement, Joy, music, enthusiasm, laughter & happiness. The celebration started at 10:00am with a welcome speech. Events like singing & dancing were done to entertain the Fresher's. The Event was sponsored by Second Year PharmD students and the celebration winded up with a DJ dance.



Fresher' Day Celebration – First Year Pharm D

# KVM INTEGRATED REHABILITATION CENTRE

## • AA MEETING

KVM IRCA conducted regular AA meeting on each month. More than 10 AA members were participated in each meeting and shared their experience with the inmates, which is helpful for maintaining sobriety.



AA MEETING

## • SPECIAL OCCASIONS



IRCA conducted Christmas celebration within the compound, and that was successful with the participation of the patients, their family members, and AA member



Also IRCA celebrated world environmental day by planting a seedling in KVM Trust compound.

## • Training attended and certified

### colombo plan

1. The incumbent project director mr.jackson david has successfully participated and passed the international certified addiction professional [ I CAP-II]level second from colombo plan.



Mr Jackson Received ICAP –II from Mr William J McGlynn,Senior Advisor,Binlea,U S Department of State

2. The counsellor ms.akhila v nath has also attended and passed the international certified addiction professional [ I CAP- I]level first from colombo plan



3. Counsellor anupama raj participated in training for counsellors conducted by RRTC South Zone and ministry of social justice and empowerment at pastoral centre changanasserry.



4. Nurse Archana s has successfully completed three day orientation course for nurses and ward boys working in IRCAAs Kerala, organized by NISD and RRTC SOUTH ZONE II held at pastoral center

- **TRAINING CONDUCTED**



Project director Jackson d conducted training for counselors, nurses and ward boys on behalf of the training programme conducted by NISD and RRTC south zone IIAT CHANGANASSERRY.

- **AWARENESS CLASS**



1. Project director Jackson David conducted an awareness class for N S S Volunteers of Sreesankara University, kalady on December 26th regarding drug abuse among students



2. IRCA and trainees of K E College mannanam jointly conducted awareness class for SHG members of thiruvizha unit regarding alcoholism a family disease.

## KVM INSTITUTE OF COACHING

**KVM** Institute of Coaching is yet another initiative of KVM Trust, the pioneers in Education and charity for the last more than three decades. The Institution got flagged off on 18th September 2019 with the inauguration by Dr. V.V. Pyarelal, the Director of KVM Trust. The programme was presided over by Dr. K. Padmanabhan, Director of KVM Institute of Coaching. Dr. K. Padmanabhan is a well experienced Professional Banker, Trainer, Career Mentor and an Educationist having immense knowledge on various academic and professional courses as well as on competitive examinations conducted by different authorities. He has also authored many books on academics and for Competitive Examinations.





The main moto of KVM Institute of Coaching is to conduct coaching classes in a highly professional way so as to mould the students and the job aspirants for fulfilling their career dreams.

#### **The Institute offers the following courses:**

- Bank POs and Clerks
- PSC/SSC Coaching
- KAS
- Railway/LIC/GIC/UPSC
- Medical Entrance (NEET)
- Teacher's Training
- Executive Development Programmes
- IAS Coaching
- HR & Life Skills
- Placement Training
- IELTS/OET
- Spoken English & Personality Development
- Interview Skill

The Institute is run by the best industry experts and academicians with an objective of providing world class coaching and assuring the candidates the best exposure for SUCCESS!

#### **Some of the special features of the programme are:**

- Intensive class room coaching
- Classes by Experts
- Extensive Study Materials
- Previous Question papers thoroughly discussed
- Regular Practice Tests and Mock Tests
- Short-cuts and Techniques
- Online Tests
- Personal Attention
- Faculty support 24X7

**The Institute offers both Regular and Week-End classes**



International Preschool & Activity Centre  
THE LAST WORD IN EXCELLENCE

# FIRST FRIENDS PLAY SCHOOL & ACTIVITY CENTRE

First Friends Play School and Activity Centre is the recent addition to KVM Trust Institutions. First Friends Play School and Activity Centre is a place where kids learn through fun activities. Every child is unique and gifted uniquely. Keeping this in mind, at First Friends Play School and Activity Centre, our dedicated and experienced teachers help kids to develop from the early age to become a wonderful human being and a prosperous individual.

## Mission

To provide quality education and care in a respectful, technology-enabled and close to natural environment that enables learning for life.

Experienced and efficient teachers and amenities ensure children become future achievers and ambassadors of not only of their life but also of their state and country.

## Beginning of our Journey

We started our school on 7th October 2019 with a simple lighting of lamp at the school and we commenced our Pre KG classes on 4th November 2019.

We are extending our classes to LKG and UKG in the next academic year (June 2020-'21). Admissions to these classes have already started for the next academic year.

## Features and Facilities

- ▶ Curriculum is designed to develop a child's overall growth through fun filled learning activities.
- ▶ Safe, secured and hygienic environment.
- ▶ CCTV surveillance inside and outside the campus.
- ▶ Security personnel for child's safety.
- ▶ Safe transportation facility.
- ▶ Smart class and Library
- ▶ Spacious play areas both indoor and outdoor.
- ▶ Special Educator and Pediatrician for detecting Early Learning Disabilities.
- ▶ Sick room with facilities for First Aid and a dedicated Nurse during school hours.
- ▶ We also provide 'After-school Stay Back' especially for those parents who find it difficult to take their children home at noon.
- ▶ Kids Nap room is equipped with individual kid's cot for every child.

FIRST FRIENDS PLAY SCHOOL AND ACTIVITY CENTRE  
“THE LAST WORD IN EXCELLENCE”

## CORE TEAM MEMBERS



**Mrs.Sarah John**  
Principal, First Friends Pre School- A goal oriented charming personality with over a decade of experience as Kindergarten teacher in various schools in GCC and in Kerala.



**Mrs.Smitha Nair**  
Kindergarten Teacher



**Mrs.Shifana**  
Kindergarten Teacher



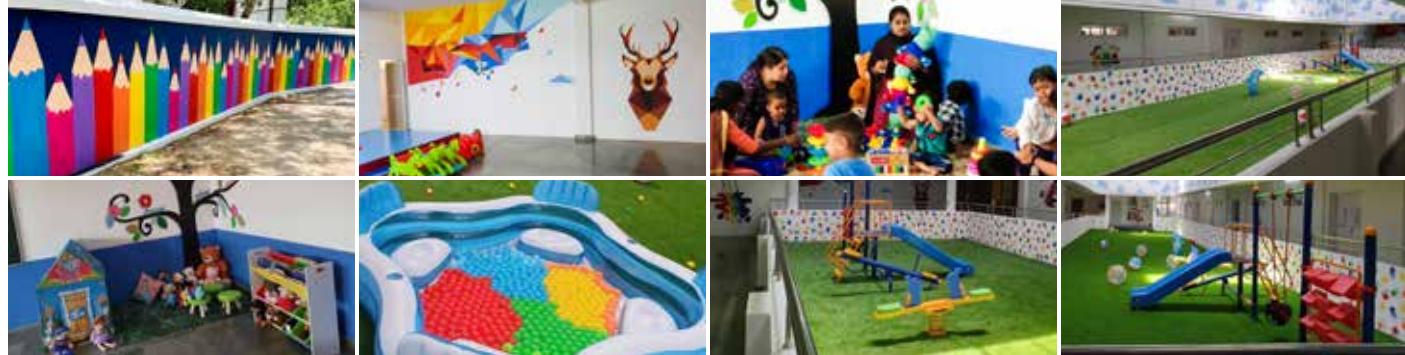
**Mrs.Sherin Mariya Joseph**  
School Health Nurse



**Mrs.Sari & Mrs.Subi**  
Caretakers

## INAUGURATION

First Friends Pre School was started on 08th October 2019. The formal inauguration was done by Dr.V.V Pyarelal, Director, KVM Trust by lighting the lamp. Mrs.Saraswathy Pyarelal, Adv.Rajesh G and Mr.Ishaan Pyarelal were present in the auspicious occasion to make it a grand success.



## COLORING COMPETITION

KVM collaborated with Mathrabhumi to conduct a Drawing competition called Minna Mini on 12th October 2019. 450 students from various schools attended the competition. This competition was conducted for LKG - 2nd Std students. It was a wonderful sight to see all these children drawing and giving wings to their imagination to fly. The children with the best drawing were awarded with Cash by an ingenious actor Mr. Anoop Chandran.



## CHRISTMAS CELEBRATION





# KVM TRUST

KVM TRUST ROAD, CHERTHALA, ALAPPUZHA, KERALA - 688 524

EDUCATIONAL INSTITUTIONS UNDER MEDICAL, TECHNICAL & DISABILITY AREAS



Since 1983

## KVM COLLEGE OF SCIENCE & TECHNOLOGY

(Recognized by Cochin University of Science and Technology)

**M.Sc Biotechnology**

## KV SCHOOL OF NURSING

(Approved by Indian Nursing Council & Kerala Nurses and Midwives Council)

**GNM, ANM**

## KVM INSTITUTE OF PARAMEDICAL SCIENCES

(Affiliated to Kerala University of Health Sciences)

**M.Sc MLT\*; B.Sc MLT, DMLT**

## KVM COLLEGE OF PHARMACY

(Affiliated to Kerala University of Health Sciences)

**B.Pharm, D.Pharm, Pharm D., M.Pharm\***

## KVM COLLEGE OF NURSING

(Approved by Indian Nursing Council & Kerala Nurses and Midwives Council and affiliated to Kerala University of Health Sciences)

**B.Sc Nursing, Post Basic B.Sc Nursing, M.Sc Nursing**

## KVM COLLEGE OF SPECIAL EDUCATION

(Recognized by the Rehabilitation Council of India (RCI) & Affiliated to Kerala University)

**M.Ed SE (MR/ID), B.Ed (Intellectual Disability), D.Ed (MR), D.Ed (ASD)**

## KVM COLLEGE OF ARTS & SCIENCE

(Affiliated to Kerala University)

**B.Com (Finance & Taxation), B.Com (Computer Application), BBA**

## KVM INSTITUTE OF MANAGEMENT MBA

## KVM FIRST FRIENDS INTERNATIONAL PRE SCHOOL & ACTIVITY CENTRE

(Affiliated with ISO certified International curriculum NAEYC, CAAEYC, ECA (UK) NZTC (New Zealand), ANSI (USA) JAZ- ANZ (Australia and New Zealand) using Montessori education.)

**PRE SCHOOL, LKG & UKG**

## KVM COLLEGE ENGINEERING B.TECH COMPUTER SCIENCE

**KVM BANK COACHING CENTRE**

**KVM CENTRE FOR MEDICAL/**

**ENGINEERING ENTRANCE COACHING**

**KVM IELTS / OET TRAINING CENTRE**

**"AFFORDABLE FEES & EXCELLENT COACHING"**



**# 420 PLACEMENTS  
2018-19**



**CHARITABLE ACTIVITIES**

School for Mentally Challenged

De-Addiction and Rehabilitation Centre

SWARA - Speech & Hearing Diagnostic Centre

Counseling Centre

School for Autism Spectrum Disorder

## FOR ADMISSIONS CONTACT

Manoj Joseph : **9048495222**

Bijimol T.O. : **9995876948**

Web : [www.kvmtrust.in](http://www.kvmtrust.in)

E-mail : [kvmtrustchla@gmail.com](mailto:kvmtrustchla@gmail.com)