

D.K.M. COLLEGE FOR WOMEN (AUTONOMOUS),VELLORE,

46th COLLEGE DAY REPORT – 2017-18

CONTENTS

- ❖ Messages
- ❖ Editorial Board
- ❖ About the College
- ❖ College Report
- ❖ A Glimpse of Memories
- ❖ English Poems, Articles and Riddles
- ❖ Mathematical Funs and Riddles
- ❖ Tamil Poems and Articles
- ❖ Drawings of Students
- ❖ Group Photos

Members of Editorial Board

Dr.P.N.Sudha, Principal

Dr.M.Nagarathinam, Associate Professor of Chemistry

Dr.G.Sujatha, Head of the Department of Tamil

Ms .V.P.Gayathri, Head of the Department of English

Dr.T.Bharathi, Assistant Professor of Commerce

Ms.Annie Gantha, Assistant Professor of English

Mr.R.Indrajith, Office Clerk

Mr.M.R.Kamesh, Office Clerk

Ms.M.Illakiyalakshmi III B.Sc.Chemistry, Student Representative

We feel honored to place on record the following activities of our college during the academic year 2017-2018.

Students Performance in the University Examination during April 2017

Aided

Department	Percentage
B.Com.	93.33
B.A. History	40.35
B.Sc., Mathematics	96.83
B.Sc., Chemistry	95.24
B.Sc., Zoology	97.83

Unaided

Department	Percentage
B.Sc. Biotechnology	96.55
B.Sc. Microbiology	87.5
B.Sc. Nutrition Food Service Management and Dietetics	77.78
B.Sc. Computer Science	95.10
B.C.A.	92.23
B.Com	71.21
B.Sc. ISM	88.89
B.Sc. Biochemistry	88.24
B.B.A.	68.18
B.A. English	81.94

PG

M.Sc. Computer Science	100
M.Sc. Biochemistry	100
M.Sc. Foods & Nutrition	100

M.A. HRM	100
M.Sc. Mathematics	95.12
M.Sc. Applied Microbiology	100
M.Sc. Chemistry	75
M.A. English	97.62
M.Com	100

M PHIL

M.Phil. Chemistry	100
M.Phil. Commerce	100
M.Phil. English	100
M.Phil. Bio-chemistry	100
M.Phil. Computer Science	100
M.Phil. Management studies	100
M.Phil. Microbiology	100
M.Phil. Mathematics	100

Details of Ph.D awardees

- ❖ Research scholars were awarded Ph.D degree and 1 research scholar has submitted their synopsis under the guidance of Dr.P.N.Sudha, Department of Chemistry.
- ❖ Research scholars were awarded Ph.D degree under the guidance of Dr.S. Mythili, Department of Commerce.
- ❖ Research Scholar has completed Ph.D. Viva-Voce in History under the guidance of Dr.Lt. A. Amirthavalli, Department of History.

Disbursement of Scholarship Amount

The following amount of scholarship has been disbursed during the academic year 2017-2018.

Community	No. of Students benefited	Amount in Rs.
SC/ST/ADC (Post-matric scholarship)	96	5,02,795
BC/MBC (Free education scholarship)	636	10,57,294

Unaided

Community	No. of Students benefited	Amount in Rs.
SC/ST	58	1,91,754
BC/MBC	24	88,544
All Caste	22	1,21,000
Minority	2	12,000

We are proud that Ms. A. Gayathri of II M.Sc Microbiology got university rank holders - post graduate scholarship from UGC with reference to her proposal submitted online in the year 2017.

Achievements

As a milestone and achievement of our staff members, an amount of RS.95,00,000/- (95 Lakhs) has been sanctioned under “Fund for Improvement of Science and Technology Infrastructure in Universities and Higher Educational Institutions (FIST)” by Department of Science and Technology (DST) for 5 years.

- Department of Chemistry has received an amount of RS.10,000/- from Tamilnadu State Council for Higher Education (TANSHE) for conducting National level Conference.
- Department of life science (Biochemistry, Microbiology, Nutrition and Biotechnology) received Rs.20, 000/- from Tamil Nadu State Council for Higher Education (TANSHE) for conducting International level conference.
- Department of Foods and Nutrition received an amount os Rs.50,000/- from Indian Council of Medical Research (ICMR) for conducting International Level conference.
- Department of Physics has received Rs.1,32,000/- from Indian Science Academy, Bangalore for conducting a two days Lecture Workshop.

Benevolent Practice of Management

The management has the benevolent practice of distributing cash awards to meritorious students and the rank-producing departments. This year also the management has given a cash prize Rs. 2,81,000/- for 80 students and 19 departments.

The management has also distributed cash award of Rs.61,570/- to the meritorious students during teacher"s day.

To encourage sports students, the University Blues were given Rs. 2,14,250/- as cash awards.

To motivate the research the staff members were provided a cash award of Rs.46,800/- bases on their research output.

Add on Certificate Courses

1. The Department of Commerce has conducted two add on certificate courses this academic year on Salesmanship and Tally ERP .
2. The Department of Zoology conducted an Add on certificate course on Medical Lab Technology.
3. The Department of History have conducted an add on certificate course on Functional Hindi, Soft Skill and Epigraphy. In association with the Department of Economics the history department has conducted the certificate course on E-Tourism.
4. The Department of Chemistry has conducted a certificate course in Cosmetics and Toiletries.
5. The Department of Mathematics conducted an add on certificate course in Quantitative Aptitude, Logical Reasoning and Interview Training in association with T.I.M.E institute.
6. The Department of Microbiology has conducted a certificate course in Clinical Laboratory Technology in Collaboration with Shri Academy for Paramedical Education.

Retirements

The following faculty members were retiring during the academic year 2017-2018.

Dr.N.Thenmozhi, Associate Professor and Head, Department of Chemistry has retired on 31.05.2018 and Mr. K. Gunasekaran, Record Clerk (Selection grade) has retired on 31.05.2018.

Appointments during 2017-18

Mrs. G.Jayanthi, Lab Assistant of Zoology has been appointed in this academic year.

Achievements of the staff members in getting Ph.D. Degree

The following faculty members have been awarded Ph.D. degree during this academic year.

- Dr. S.Gayathri, Assistant Professor of Commerce
- Dr.V.Sudha, Assistant Professor of Commerce
- Dr.S.Asha, Assistant Professor of Biochemistry
- Dr. J. Ilamathi, Assistant Professor of Biotechnology
- Dr. E. Veronica, Assistant Professor of Management Studies
- Dr. E. Rebeka, Assistant Professor of Management Studies
- Dr.G.Vimala, Assistant Professor of Zoology
- Dr.T.Veni, Assistant Professor of Zoology

State Level Eligibility Test

Dr.K.Vinithi, Assistant Professor of Commerce has cleared the SET exam in the year 2017

Staff members as Guide/Supervisor

- 37 staff members are acting as guides for the M.Phil scholars and 14 staff members are acting as guides for Ph.D research work.

The following staff members were recognised as Ph.D. supervisors under Thiruvalluvar University, Serkadu, Vellore during this academic year.

- Dr.S.Santha Lakshmi, Assistant Professor of Chemistry
- Dr.G. Sujatha, Assistant Professor and Head of Tamil
- Dr.T.Bharathi, Assistant Professor of Commerce
- Dr. M. Manimozhi, Assistant Professor of English
- Dr.J.Shanthi, Assistant Professor of Tamil
- Dr. V. Rekha, Assistant Professor of Zoology
- Dr. V. Prabha, Assistant Professor and Head of Biochemistry
- Dr. J. Hemapriya, Assistant Professor of Microbiology
- Dr.K.Vinithi, Assistant Professor of Commerce
- Dr.K.Suganthi, Assistant Professor of Zoology

Details of grants received by Staff members

Name of the staff	Year	Name of the project	Funding agency	Amount Rs.
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Dr. P.N. Sudha, Principal	2016 - 2019	WTI (Water technology Initiative): Development of nanochitosan / montmorillonite clay/polyvinyl alcohol nanofiltration mats for heavy metal containing tannery effluent treatment	Department of Science and Technology (DST)	37,35,000
Dr. A.Vidhya, Assistant Professor of Microbiology	2016- 2018	Synthesis of Bioplastics using poly hydroxy butyrate from Actinobacteria, evaluation of its biodegradation and in vitro ecotoxicity in plants	UGC Minor project	75,000
Dr.V.Prabha, Assistant Professor of Biochemistry	2016- 2018	Comparison of Cardioprotective effect of ethanolic extracts of Marine algae Sargassum swartzii, Ulva lactuca and Gracilaria corticata against Isoproterenol induced Myocardial Infarction	UGC Minor project	2,15,000
Dr.R.Durgadevi, Assistant Professor of Foods & Nutrition	2017- 2018	Prevalence of nutritional deficiency among tribal adolescent girls and the impact of dietary intervention on their health status (Vellore Region)	TNSCST	10,000/-

Thus, the total research grants received amounts to Rs. 40,35,000/-

Participation of our Staff members in Faculty improvement programme (Refresher course/Orientation Course)

S.No	Name and Designation	Type of Faculty Programme
1.	Dr.A.Amirthavalli, Associate Professor of History	Short Term Course (Loyola College Autonomous, Chennai) 01.03.2017 to 10.03.2017
2.	G.Vinu Priya, Assistant Professor of Mathematics,	Attended Refresher course at the SV University, Tirupati (23.10.17 to 11.11.17)
3.	Dr. G.Sujatha, Assistant Professor of Tamil	Attended Refresher course at Madras University (10.11.17 to 30.11.17)
4.	Dr. P.N.Sudha, Principal, Dr. R. Padmaja, Associate Professor of Commerce and Dr. M. Jayasudha, Assistant Professor of Economics	Short term course on "Academic excellence and Leadership" sponsored by UGC at Islamiah college, Vaniyambadi (22.1.18 to 25.01.18).
5.	Dr. V. Kiruthiga, Assistant Professor of Zoology	Attended Refresher course at Bharathiyar University, Coimbatore (05.07.2017 to 25.07.2017)
6.	Dr. G. Shanthi, Librarian	Attended Refresher course at Bharathiyar University, Coimbatore.

7.	Mrs.M.Gayathri, Assistant Professor of English	Refresher course- University of Madras.(8.9.17 to 28.9.17)
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Academic Council Members

- Dr.P.N. Sudha, Principal and Dr. M. Nagarathinam, Department of Chemistry have been elected as Academic Council Members in Thiruvalluvar University, Vellore.

Chairman of Board of Studies

The following staff members are acting as a chairman of board of studies in Thiruvalluvar University.

- Dr.M.Nagarathinam, Department of Chemistry
- Dr. K. Devi, Department of Zoology
- Mrs. L. Sowmiya Latha, Department of Mathematics

Honours / Awards to the Faculty

Name of the Staff	Department	Type of Honours / Awards and Name of the Institution Inducted the award
Dr.P.N.Sudha Principal	Chemistry	<ul style="list-style-type: none"> • Best Teaching and Research Award from Arunai International Research Foundation, Chennai-Awarded by Smt.Vasuki Retired High Court Judge- in the year 2018. • Elected as Fellow of Academy of Sciences, Chennai.
Dr. K. Devi	Associate Professor & Head of Zoology	<ul style="list-style-type: none"> • Grabs best teacher and researcher award by Grabs education charitable trust, Nanganallur, Chennai-114 • Achievement award by Puthiya Paarvai Arakattalai, Thiruvannamalai.
Lt. Dr. Amirthavalli	Associate Professor & Head of History	<ul style="list-style-type: none"> • Best Teacher Award from Redington Foundation.
Dr. G. Sujatha	Associate Professor & Head of Tamil	<ul style="list-style-type: none"> • Agathiyar virthu, Agathiya mamunivar arts and culture research centre, Kanyakumari. • Kalvi semmal viruthu, Kaviyarasar kalai tamil sangam, Namakkal.
Dr.K.Vijayalakshmi	Assistant Professor of Chemistry	<ul style="list-style-type: none"> • Awarded as Best Oral Presentation in International Conference on Current trends and emerging challenges in biological sciences

		(CTECBS-2018) conducted by all the department of life sciences, held at D.K.M College for Women on 15 th and 16 th February-2018 and also received cash award amount of Rs:1000/-
Dr. K. Tamilselvi	Assistant Professor of Tamil	<ul style="list-style-type: none"> • Kalvi Semmal award from Agathiya Mamunivar, Namakkal district. • Gnanasudar award from Akathiya Mamunivar Kalai Ilakkiya Panpattu Aaivu Mayam, Akastheswaram, Kumari District. • Asriya Abdhul kalam viruthu from Kurinch Kabilar Thamizh Sangam, Namakkal.
Mrs. V.Geetha,	Assistant Professor of Tamil	<ul style="list-style-type: none"> • Kalvi Sevega Kalai Mamani award, Kaviarasar Kalai Tamil Sangam. • Gnanasudar award from Akathiya Mamunivar Kalai Ilakkiya Panpattu Aaivu Mayam, Akastheswaram, Kumari District. • Asriya Abdhul kalam viruthu from Kurinch Kabilar Thamizh Sangam, Namakkal.
Dr.G.P. Dhatchayani	Assistant Professor of Tamil	<ul style="list-style-type: none"> • Kalvi Sevega Kalai Mamani award, Kaviarasar Kalai Tamil Sangam. • Asriya Abdhul kalam viruthu from Kurinch Kabilar Thamizh Sangam, Namakkal.
Mrs. R.Sankareswari	Assistant Professor of Tamil	<ul style="list-style-type: none"> • Kalvi Sevega Kalai Mamani award, Kaviarasar Kalai Tamil Sangam on 15th August 2017. • Gnanasudar award from Akathiya Mamunivar Kalai Ilakkiya Panpattu Aaivu Mayam, Akastheswaram, Kumari District. • Asriya Abdhul Kalam Viruthu from Kurinch Kabilar Thamizh Sangam, Namakkal.
Ms. A.Sivasankari	Assistant Professor and Head of Computer Science	<ul style="list-style-type: none"> • Abdul Kalam Award, Kurunji Kabilar Tamil Sangam, Namakkal.
Ms.R.Shobana	Assistant Professor of Computer Science	<ul style="list-style-type: none"> • Best paper award from Vivekananda College, Kanya Kumari.

Ms.M. Malathi	Assistant Professor of Computer Science	<ul style="list-style-type: none"> • Best paper award from Adhiparasakthi College, Kalavai.
Ms.V.Lakshmi Pratha,	Assistant Professor of Computer Science	<ul style="list-style-type: none"> • Abdul Kalam award, Kurunji Kabilar Tamil Sangam, Namakkal.
Dr. K. Suganthi	Assistant Professor of Zoology	<ul style="list-style-type: none"> • Appreciation award by Sri Akilandeswari Womens College, Wandiwash, Tamilnadu.
Dr. T. Veni	Assistant Professor of Zoology	<ul style="list-style-type: none"> • GRABS-Best Young Researcher Award by GRABS Educational Charitable Trust, Nanganallur, Chennai.
Dr.J.Hemapriya	Assistant Professor of Microbiology	<ul style="list-style-type: none"> • Best Oral Presentation in International Conference conducted by all the Department of Microbiology, held at MMES College for Women, Arts and Science College, Melvisharam on 27th and 28th February-2018. • Best Oral Presentation in International Conference on Current trends and emerging challenges in biological sciences (CTECBS-2018) conducted by all the department of life sciences, held at D.K.M College for Women on 15th and 16th February-2018.

Seminars/Conferences/Workshops/Guest lectures

All the 19 departments of our college conducted seminars, conferences, workshops, symposium and guest lecture.

Totally 15 guest lectures were conducted by different departments on current topics to make the students aware of the latest researches in their field concerned.

- Department of Life Sciences (Microbiology, Biochemistry, Biotechnology and Foods and Nutrition) together organised an International Conference on Current Trends and Emerging Challenges in Biological Sciences (CTECBS-2018) on 15th and 16th February-2018.
- Department of Foods and Nutrition has organized International Conference on Omics Technologies in Nutritional Research on 10th and 11th January 2018.

- Department of Commerce has conducted State level Seminar in the topic Leadership Qualities on 13th February 2018.
- Department of Mathematics has organized State level Seminar on Recent Trends in Mathematics on 19th February, 2018.
- Department of Chemistry has conducted the National Conference on Emerging trends in Chemical and Biological Sciences (ETCBS-2018) on 5th January, 2018.
- Department of Zoology has conducted National level Lecture workshop on Recent scenario of Aquatic Biodiversity and Bio resources on 8th January, 2018.
- Department of Physics has organized Two days Science Academics lecture workshop on Material Physics and Chemistry, sponsored by Science academies of India, on March 9th and 10th 2018.
- Department of Tamil, Food and Nutrition, Computer Science, Biochemistry and Management studies has conducted various State level seminars and workshops on various topics.
- Department of Biotechnology has arranged 3 days state level workshop on Natural product chemistry and Industrial biotechnology and one day state level workshop on Azolla and Spirulina Cultivation
- Department of Computer Science conducted one State level symposium and State level Exhibition.
- Department of English has conducted the Film festival Celebration on the Holocaust on 20th and 21st March-2018.
- Department of commerce has conducted 2 special guest lecture meeting on life skills and Relationship culture.

Resource person/Invited talk by staff members

Many of our staff members served as Resource Persons in various International, National and Regional programmes.

- Dr. P.N. Sudha acted as the chairperson and delivered invited talks in various National and International Conferences.
- Dr.N.Thenmozhi, Department of chemistry acted as a chief guest for Association meeting of Chemistry Department, Muthurangam Government Arts College, Vellore and acted as a Judge in International conference

organised by Department of Microbiology and Biochemistry, DKM College for women, Vellore.

- Dr. K. Devi of Zoology Department acted as a resource person in many National and International Conferences and acted as judge in International conference on Current Trends and Emerging Challenges in Biological Sciences (CTECBS). She also acted as one of the organizing member in the International Conference on Omics Technologies in Nutritional Research (ONTR-2018) held at DKM College for women, Vellore.
- Dr.M.Manimozhi, Assistant Professor of English acted as resource person in the National level Seminar held at Marudhar Kesari Jain College, Vaniyambadi.
- Dr.K.Ameenal Bibi, Assistant Professor of Mathematics acted as invited speaker for UGC – Autonomous funded International Conference held at Islamiah College(Autonomous), Vaniyambadi and also acted as Chair person in the International Conference on Recent Trends in Mathematics held at Kongunadu Arts and Science College(Autonomous), Coimbatore.
- Dr. V. Kiruthiga, Assistant Professor of Zoology acted as resource person for Environmental Day celebration held at Rajagopal polytechnic College, Gandhi Nagar, Gudiyattam.
- Dr.K.Suganthi, Assistant Professor of Zoology acted as chief guest in the National Level Conference on Bio Resources of Marine Environment (BROME-2017) held at Sri Akilandeswari Women"s College, Wandiwash.
- Dr.G.Sujatha, Assistant Professor and Head of Tamil acted as resource person Resource persons in Thirukural Conference (Aaram).
- Mrs. K.Tamilselvi, Assistant Professor of Tamil acted as resource person in Muthamizh Vizha held at Auxillium College, Vellore.
- Dr.B.Hepsibah Elsie, Assistant Professor of Biochemistry acted as resource person for the Association activity on the topic Scope of Biochemistry held at Auxillium College, Vellore.
- Mrs.K.Shoba, Assistant Professor of Biochemistry acted as invited speaker in Akshaya computational medicine Pvt Ltd, Chennai.
- G.Sangeethalakshmi, Assistant Professor of Computer Science acted as Chief guest of Inaugural of Association activities in MMES College, Melvisharam and

as resource person for the Computer Graphics workshop conducted by Win Angels Media and Kshatriya Film Technology held at Voorhees College, Vellore.

- Dr.R.Durgadevi, Assistant Professor of Foods and Nutrition gave a speech on Understanding Child Development Activities and Tasks between the Children of age groups 0-3 and 3-6 held at Anganwadi, Arcot.
- Dr.J.Soniya, Assistant Professor of Foods and Nutrition gave a speech Prevalence and Awareness about Non communicable diseases and also acted as resource person in Workshop on Dietary calculation- A training session for nurses held at Thirmallai Mission Hospital
- Many of our staff members acted as judge for the District Science level Exhibition conducted at Muslim High School, Vellore and for various competitions held at different colleges.

Papers/Posters presented by the students

- Many of our UG and PG students, M.Phil and Ph.D. Scholars received various prizes in paper and poster presentations in different State level, National level and International conferences.

Student's projects

- UG: 155, PG – 128, Internship projects -55, and M.Phil-69 projects were completed by the students of all Departments.

Details of publications by staff

- Our staff members have published 53 book chapters, 237 Papers in International and National Journals, Presented 147 papers and participated in 424 International, National and Regional Conference/Seminars/Workshops.
- Dr.P.N.Sudha acted as Chief Editor for the book entitled as "Industrial applications of Marine Biopolymers, CRC Press, 2018.
- Dr.T.Veni published a book entitled as "Recent Progress in Phytochemistry and Pharmacognosy"2018-03-21
- Research scholars, U.G and P.G students of our college have done 319 oral and poster presentations in various International and National Seminar/conferences/Workshops.

Activities of the Clubs

College Union has conducted various programs such as Fresher"s Day, Independence day, Teacher"s day, Student"s awakening day, Communal Harmony Week and Flag day, Young voter"s day and Republic day. They are as follows

- College union and its allied associations of aided stream was inaugurated by Dr.I. Stanley Jones Karunakaran, Principal-in-charge, HOD of Tamil and Associate Professor, Voorhees College Vellore on 14.7.2017. For unaided stream union and its allied associations were inaugurated on 21.07.2017 by Dr.G.Thangaraj, Professor and Head, Department of Mathematics, Thiruvalluvar University, Serkadu.
- Fresher"s Day was celebrated on 20.7.2017 and 21.7.17 by aided and unaided courses respectively.
- Film show on the life of Dr. A.P.J. Abdul Kalam was telecasted on 09.08.2018 and an amount of Rs. 31,000/- was collected and given to the collector, Vellore District.
- In accordance with the circular of UGC, to commemorate the sacrifices of our revered freedom fighters during the freedom struggle, pledge was taken on 9.8.17.
- Independence Day was celebrated on 15.8.17 and the flag was hoisted by college chairmen Ms.Preethi, II-M.Com., Ms.R.Pradeepa, III-Chemistry, and Ms. Saral Haroon Shariff, III-B.Sc., Food & Nutrition.
- Teachers day was celebrated on 5.7.2017. Dr.P.Sivaraji, Head and Associate Professor of Tamil, Islamiah College, vaniyambadi was the chief guest of the day.
- Vigilance awareness week was celebrated in D.K.M College for women on 29th November 2017. As part of the program Integrity pledge was taken by the Principal, staffs and students of our college.
- For Communal Harmony and Flag Day Fund an amount of Rs. 700/- was donated.
- An amount of Rs.26,765/-was collected for "Armed Forces Flag Day Fund" and was given to The Director of Collegiate Education, Vellore.
- Samathuva Pongal was celebrated on 11.01.2018. All students and staff members joined together to celebrate the harvest festival to thank Sun God and the farmers.
- An amount of Rs. 4000/- was contributed for the Indian Council for child welfare, Vellore.

- Republic day was celebrated on 26.01.2018. Mr. K. Gunasekaran , Record Clerk(S.G) and Mrs. R. Rani, Sweeper (Spl. Gr) were hoisted the flag and delivered the Republic day message.
- Around 12 association meetings with a special talk by resource persons were arranged by various departments. A part from this various competitions was also conducted to the students by various departments.

Activities by other Clubs/Cells/Associations

- Yoga and Meditation club conducted a certificate course in „Yoga for Youth Empowerment“.
- Fine Arts day was celebrated by both aided and unaided students of our college. Various events like Music, Dance, Cooking, Rangoli, Drawing, Hair do, Flower bouquet, Vegetable carving, Handwork, Mehendi, Pot Painting, Pencil art, Saree designing, Rangoli with flowers, grains, Interior Decorations, MIME, Short film, etc were conducted. Finally the winners were awarded with certificates and prizes on fine Arts day. Chief guest of the day was Mrs.R.Radhika, M.L., Advocate, Guest faculty Academy for Prisons and Correctional Administration, Vellore on 6.10.2017 for the aided stream and the Chief guest for the unaided stream was Kalaingar, Kalaivalar Mani Bala Ratna Selvi.M.Shanmathi M.E (CSE) M.A (Bharatanatyam), District Cultural Co-director for Arts and Cultural Department of India, Vellore and the programme was conducted on 9.2.2018 in our college campus. Students actively participated in the events and showcased their talents. Finally the overall championship was won by the Department of Food and Nutrition.
- The Alumni Association meet was held on 28.01.2018. 600 Alumnae attended the meet. The alumni members enjoyed their home coming through their happy and fruitful discussions.
- Our College has very active NSS, YRC, CCC, RRC, Rotract and Enviro Club. Staff and student members of these clubs contribute truly for the welfare of the society and self.
- Income generated by the Enviro club was Rs. 1,29,000/- through cattle breeding, milk production, cultivating vegetable, greens through organic manure production, waste products etc.

- The College has Anti Ragging Cell and we want to place on record that our College is 100% ragging free College.
- The EDP Cell of DKM College trains the aspiring entrepreneurs through hands on training and Industrial visits. The entrepreneurship development cell has conducted three days entrepreneurship awareness camp for final year students of our college from 21st to 23rd February 2018.
- The Women development Cell has conducted a training programmes on Imitation Jewellery making, Artificial Jewellery making and a Certificate Course on Cosmetology.

Internal Quality Assurance Cell

On 15.07.2017 a Workshop titled 'High Impact Teaching Skills' has been conducted, Dr. Geetha Swaminathan, Former IQAC Coordinator, Former Vice Principal, Stella Maris College, Chennai, addressed the first session on the topic 'Quality Enhancement In Higher Education' and Dr. S. Selvam National Professor of Eminence, IIT, New Delhi spoke on the topic 'High Impact Teaching Skills'.

On 09.12.2017 a Workshop entitled 'Research and Development in Colleges' was organized, the first session was handled by Dr. K. Kishore, Assistant Professor, Voorhees College, Vellore. He spoke on the topic 'Plagiarism – Free Research Report Writing and Publishing'. During the second session, Dr. Rama Shankar Varma, Professor- Stem Cell and Molecular Biology Laboratory, Dept of Biotechnology, IIT Madras, was the resource person and he spoke on the topic "Material Requirement for Project Funding".

Another workshop was also organized on the topic 'Preparation of Educational Institutions for Future Challenges' on 17.03.2018, Dr. M. G. Sethuraman, Professor of Chemistry and Director, IQAC, Gandhigram Rural Institute, Gandhigram, Dindigul acted as resource person, he trained the faculties for setting syllabus in Outcome Based Education (OBE) pattern.

Placement cell

- Campus drive was organized by Redington Foundation, in which 54 students were placed in various organizations.
- 6 students were selected for AGS health centre, Vellore
- 55 were selected in AMK Ashwin Agency, Vellore
- 15 students were selected in Naga Jewel Palace, Vellore

Sports and Games

Our college team participated in all the sports and games conducted by the Thiruvalluvar University and the selection trials by the Sports Development Authority of Tamil Nadu, Vellore District.

- The celebration of 45th Annual Sports day was conducted on 06.09.2017. Mrs.

G.Vanitha, M.B.A, Additional Superintendent of Police, Investigative Unit and Crime Against Women, Vellore was the chief guest of annual sports day.

- On 31st August 2017, Dr.M.G.R Centenary Celebration Marathon race was conducted by Sports Development Authority of Tamil Nadu, Vellore in that S.Priyadharshini, I M.A. History got 2nd Place, B.Divya, II B.Sc. Biochemistry got 3rd Place and also they got cash awards.
- On 27th September 2017, Thiruvalluvar University Inter Collegiate Football tournament was held at C.M.C. Play ground, Bagayam, our college team has got the I- Place.
- On 24th, 25th and 29th of October 2017, Thiruvalluvar University,conducted Inter Divisional Cricket Tournament was held at Marudhar Kesari Jain College, Vaniyambadi,our team added one more feather to the cap.
- On 3rd November 2017, Thiruvalluvar University conducted Inter Divisional Boxing tournament at BPJ college, Virudachalam, Our student S.Priyadharshini, of I- M.A.History, got the Ist Place.

- This year we have 21 University blues in different sports and games such as Cross country, Kabaddi, Hockey, Table Tennis, Volley ball, Basket ball, Cricket and Foot ball.

Community Service/Extension Activities undertaken by the Departments

- Our College extends its service for the development of the society through the extension activities conducted by various Departments. The activities includes awareness programme, pollution treatment, hands on training, counselling the school students, techniques for cracking board exams and mass tree plantation programme.

Extracurricular activities

- The students from the various Departments actively participated in the extracurricular activities like state level book review competitions, Poster Presentations, Oral presentations, Rangoli Competition, quiz competition, Elocution competition, Essay writing, Mehendi Competition, Singing, Puzzle Solving and MARATHON held by other colleges and Universities and won many prizes.
- In commemoration of Dr. A.P.J. Abdul Kalam, Dr.Ambedkar, and Mahatma Gandhi various intercollegiate competitions were conducted to the students of our College.
- Wild life conservation and Vigilance awareness week were observed by conducting various competitions at our college.
- Nehru Yuva Kendra, Vellore organized declamation contest 2017-18 on Patriotism and Nation Building .In this competition L. Ghousia got the II place at district level. She has received a cheque of Rs. 2000/- from Nehru Yuva Kendra office.
- In connection with Sister Nivedhita"s Sesquicentennial Celebrations, a state level elocution competition was conducted to the college students at various districts of Tamilnadu. In this, our college students participated at Kanchipuram district.
- U.V.Poovizhi III Maths has won an amount of Rs.10000/- in the Poetry competition and Speech competition conducted by Tamil Nadu Government, Madras Christian College and VIT University.
- L.Kavitha, II Zoology has won an amount of Rs.5000/- in the Essay competition conducted by Tamil Nadu Government.
- Mrs. S.Gokila and Mrs.G.Gowri, Ph.D Chemistry research Scholar got best poster award in the International Conference on Current trends and Emerging challenges in Biological sciences (CTECBS-2018) conducted by all the department of life sciences,

held at D.K.M College for Women on 15th and 16th February-2018 and received as cash prize amount of Rs:1000/-each.

- Mrs. S.Gokila, Ph.D Chemistry research Scholar got best poster award in the National Seminar on “Emerging Trends and Future Challenges in Chemical Sciences” Sponsored by BRNS & TNSCST conducted by Post Graduate and Research Department of Chemistry, PSGR Krishnammal College for Women, Coimbatore on August 11th 2017
- Mrs. K.Sangeetha, Ph.D Chemistry research Scholar got best poster award in the “National Conference on Emerging Trends and Future Challenges in Chemical Sciences (CHEM FEST-17) organized by Department of Chemistry, Shanmuga Industries Arts & Science College, Tiruvannamalai, on 11th October 2017.
- M.Samilimary, department of Biochemistry got 3rd prize in the state level singing competition held at Mardhur Kesari Jain college, Melvisharam.
- Many students of Department of mathematics secured first and second and third prizes in the district level Speech Competitions held at Kanna Mahal, Vellore on Jan 8th 2018.
- Many students of Department of Zoology secured first and second and third prizes in the State level Intercollegiate competitions held at Auxillium College, Vellore
- R.Lavanya & V. Premalatha, students of Department of Microbiology got Ilakaya sigaram award from Kaviarasar Kalai Tamizh Sangam - 2017 in the state level essay writing competition and also R. Merlin Benita & R.Lavanya of Department of Microbiology got Varai kalai sirpi award- 2017 in state level Kavithai competition.

YRC

- International yoga day was celebrated on 21.06.2017, jointly organized by IRCS, Vellore district branch. 200 YRC volunteers participated in the Yoga demonstration.
- District level drawing competition was organized by IRCS, Vellore district branch on the topic, “Fundamental principles Red cross movement” on 06.08.2017. Ms. L.Pavithra III B.com won the II prize on the 68th Geneva Convention Day celebrated on 12.08.2017 at 4p.m. Our Vellore District collector Thiru S.A.Raman presided over the function.

- “Swaach Bharath” Programme was organized at government High school, Edayanchathu Panchayat on 17.08.2017. 120 YRC Volunteers from III B.sc Mathematics and III B.com actively involved in the cleaning process of the school campus and 25 saplings were planted within the School campus.
- Dr.K.Ameenal Bibi, YRC Programme officer was the chief guest for the 71st Independence day celebrations at Velammal Bodhi campus School, Vellore 1, on 15.08.2017
- YRC Blood Donation Camp was organized on 13.09.2017. Thirty units of blood were given to Government Medical College Hospital, Adukkamparai.
- Dr.K.Ameenal Bibi was the resource person for the YRC activities of Induction Programme at Mazharul Uloom College, Ambur on 16.09.2017.
- World Humanitarian Day was celebrated on 26.09.2017. A Human Rally was organized from Vellore Town Hall to Gandhi Statue and an awareness talk on this programme was followed. 50 Volunteers participated in the programme.
- Dr.K.Ameenal Bibi was the resource person for the YRC meeting at Sri Akilandeswari Women’s college of Arts and science, Vandavasi on 06.10.2017.
- Dr.K.Ameenal Bibi represented Tamil Nadu YRC team in the five days Inter-State Training cum study camp organized by Odisha State Branch, IRCS at Nilachal Polytechnic College, Bhuvaneshwar from 17.12.2017 to 21.12.17.
- Dr.T.Bharathi, Assistant Professor of commerce, along with four YRC Volunteers took part in the 4 days State Level YRC Training Cum Study Camp organized by Bharathiyar University, Coimbatore from 20.12.2017 to 23.12.2017.
- One day District level YRC Study camp was organized at our college campus on 30.01.2018. Seventeen colleges of Vellore District participated with the strength of 70 YRC Volunteers and 14 YRC Programme officers.
- District Level Elocution Contest was organized on 06.02.2018 on the topic ,”The Training Programmes to be given to YRC Volunteers to face the challenges of Natural disaster”. Ms S.B.Thilagavathy II B.sc chemistry of our college won the first place. Ms.R.Hemavathy I B.sc. Mathematics from Auxilium college won the first place in the English Elocution Contest.
- Dr.K.Ameenal Bibi was the resource person for the “YRC Programme officer’s Meet” at Thiruvalluvar University on 09.02.2018.

- Dr.K.Ameenal Bibi, Associate Professor of Mathematics and Dr.T.Bharathi, Assistant Professor of Commerce were the resource persons on the topics “History of Redcross” and “Awareness on HIV/AIDS” respectively at the three days zonal camp of Youth Redcross organized by Thiruvalluvar University, Serkkadu from 21.02.2018 to 23.02.2018. Seven YRC Volunteers from our college.
- One day District Level Disaster Management Camp was organized by IRCS, Vellore District Branch from 9 a.m to 5 p.m on 10.03.2018. Seventeen YRC Volunteers from our college took active part in the camp.
- International Women’s Day and the Death Anniversary of the first Women Educationist in India, Ms. Savithri Bhai Bhulae’s memories were discussed in the YRC meeting organized on 12.03.2018. The Journalist Ms.Kavin Malar from Chennai interacted with the gathering of 125 YRC Volunteers.

NSS

- With Collaboration of Health Department Vellore 100 NSS Volunteers went on Drug Eradication Rally on 29.06.17.
- 150 NSS Volunteers Participated Drug Eradication Awareness Meeting Conducted by the Department of Police, Vellore District on 30.06.17.
- Blue whale Awareness Programme was conducted on 28.09.2017. Dr. S.Santhalakshmi Assistant Professor of Chemistry DKM College for women addressed the gatherings.
- Blood donation camp was conducted by HDFC Bank in their Bank premises. Ten of our N.S.S. volunteers participated and donated blood.
- World Leprosy Eradication Day was observed on 30.01.2017 along with District Health Centre and Christian Medical College, Vellore.
- 7 days NSS special camp was conducted at Poocharam Building, Edayansathu, Vellore from 29-8-17 to 4-9-17.

Visits and Tours

Most of the departments have organised educational tour and industrial visits to various outstanding institutions and industries to encourage our students to develop their skills.

Free Coaching Centre

The management has sponsored and initiated the free IAS/IPS Coaching centre for the benefit of the final year students and the alumni of the college to crack the competitive exams.

With the support, guidance and encouragement of our benevolent management, we were totally vibrant in conducting various activities throughout the year.

“The Impossible becomes possible to the one endowed with resourcefulness.”

- Thiruvalluvar

ENGLISH POEMS, ARTICLES AND RIDDLES

Yes, A Candle

Yes,
a candle,
People search for it during darkness.

Yes,
a candle,
doesn't hold its light even if a mild breeze passes by.

Yes,
a candle,
doesn't live long but tends to melt and die soon.

Yes,
a candle,
another name for a women, as sensitive as she can be.

Ms. Ruth Neyah,
I M.A. English.

Letters Speak

Cry has 3 letters,
 So Does Joy,
Hurt has 4 letters,
 So Does Heal,
Hate has 4 letters,
 So Does Love,
Rich has 4 letters,
 So Does Poor,
Anger has 5 letters,
 So Does Laugh,
Enemies has 7 letters,
 So Does Friends,

Ms.B. Rageela,
III B.Sc., Mathematics.

Hunting for Happiness

Feeling out of the world.
This is the time to conquer happiness.

No one is there to disturb us.
Absolute place to live the life.
Emotions might be dominated by happiness.
We can't feel alone though we are alone
Because, Happiness will accompany the Solitary Soul.
Way to get those happiness is,
Hunting for happiness.
Hunting for happiness means a lot.
Hunting, hunting, hunting, Keep on hunting,
Not for the sake but for the happiness.

Ms.P. Indhupriya,
II B.A., English.

ABC"s of Best Friends

Accept you as you are.
Believe in having fun.
Cherish time together.
Dream big dreams.
Enrich, comfort and delight.
Follow up and follow through.
Grow forever memories.
Honour each other"s feelings.
Invide you into their hearts.
Just call to say how are you?
Know when something"s up.
Love you no matter what.
Multiply joys and divide sorrows.
Nurture each other"s souls.
Overcome adversity together.
Pick you up when you're down.
Quickly forgive and make up.
Remind you of your greatness.
Smile when they think of you.
Thrive on shared trust.
Understand when to just listen.
Value time together.
Walk with you, side by side.
Xperience ups and downs.
Yearn to stay connected.
Zest to live, laugh and love.

Ms. T. Yuvarani,
I B.Sc., Zoology.

My Dad

My father is a man like no other.

He gave me life, nurtured me,
Taught me, dressed me, fought for me,
Held me, shouted at me,
Kissed me, but most importantly,
He loved me unconditionally.

There are not enough words I can,
Say to describe just how.
Important my father was to me,
And what a powerful influence,
He continues to be.....

Ms. R.Jeevitha,
II B.A.,English.

SELF-CONFIDENCE

Feeling tense?
"Think me"
Feeling Sad?
"Call me"
Feeling lonely?
"See me"
Feeling Sleepy?
"Dream of me"
My name is
"Self confidence"
Never loose me.

Ms.S. Komala,
II M.Sc.,Biochemistry.

FOOD FOR THOUGHTS

1. " If you want happiness for some time
- inherit a fortune,

If you want happiness for a lifetime
- help someone"
2. " There are two great days in a person"s life
The day we are born and the day we discover why?"
3. "Good life is not something you postpone for the future;
It is something you design for the present".
4. "If you want to be happy, set a goal that
Commands your thoughts, liberates your energy, and inspires your hopes"
5. "Let us be grateful to people who make us happy;
they are the charming gardeners who make our souls blossom".

Ms.S. Gayathri,
II B.A., English.

Friends Forever

The friendship we have is so rare to find,
We hate to see each other in a bond,
To a friend who has always been there,
To a friend who has listened to all my pains,
No one can come close to measure up,
To all the things that you have done for me,
Letter by letter my spirits were lifted,
and I knew that if I ever needed you were always there.

We always can find the right words to say,
To help us get through any dreadful day,
Thinking of you not being here makes me feel sad,
But I look back on our crazy memories to make myself glad.

The miles between us can't keep us apart,
Because we keep each other close at heart,
I am so glad God gave me,
Someone just like you,
He knew that you would be,
One of the chosen few,
I can't tell you who you are,
I can only love you and be your,
„Friend Forever“

Ms. Saraa Mohamed,
I B.Sc., Zoology.

Who is a Father?

A Father is someone who wants to catch you before you fall but instead picks you up, brushes you off, and lets you try again.

A Father is someone who wants to keep you from making mistakes but instead let you find your own way, even though his heart breaks in silence when you get hurt.

A Father is someone who holds you when you cry, scolds you when you break the rules, shines with pride when you succeed, and has faith in you even when you fail...

FATHER

FAITHFUL

EMAMPLE

TRUSTWORTHY

TEACHER

LEADER

PROTECTOR

Ms. S. Mahalakshmi,
II B.A., English.

Let the Edge Turn Up

Its not so easy,
It does occur,
but no sooner,
It happens when the heart gets pinched with joy.
Exceeding emotions bring it out too,
It will be poured out to people who give it a chance to speak.
It sticks to people who respect it and provide warm fuzzies,
The more it gets a chance through a person both are never to be separated,
Let the edge of the lips turn up and that"s how they call a "smile" though not directly.

Ms. Ruth Neyah,
I M.A. English.

Life is full of challenge

Life is the "best school"
Hardwork is the "best teacher"
Problem is the "best assignement"
Failure is the "best revision".

Remember that -

You"ll never be brave,
If you don"t get hurt.
You"ll never learn,
If you don"t make mistakes.
You"ll never be successful,
If you don"t encounter failure.

To achieve Success -

S - See your goals
U - Understand your obstacles
C - Create a positive mental picture
C - Clear you mind of self doubt
E - Embrace the challenge
S - Stay on track
S - Show the world you can do it

Ms.K.Arthi,
II B.A.English

P-O-S-I-T-I-V-E

Keep your **thoughts positive** because,
your thoughts became your words.
Keep your **words positive** because,
your words become your behaviour.
Keep your **behaviour positive** because,
your behaviour becomes your habits.
Keep your **habits positive** because,
your habits become your values.
Keep your **values positive** because,
your values become your Destiny!

Ms.P. Indhupriya,
II B.A., English.

Thoughts for Life

1. "Eat your food as your medicines,
Otherwise you have to eat
medicines as your food"
2. Six Best Doctors in the world
 1. Sunlight
 2. Rest
 3. Exercise
 4. Diet
 5. Self Confidence and
 6. FriendsMaintain them in all stages of life and enjoy healthy life.
3. Don't educate your children to be rich
Educate them to be happy.
So when they grow up they will
Know the value of things
not the price.
4. LIFE and TIME are world's
two TEACHERS
LIFE teaches us to make
GOOD use of TIME
While TIME teaches us the
value of LIFE.
5. The best teacher teaches from the heart, not from the book.
6. A Good Education can change anyone.

A Good Teacher can change everything

Ms. S. Komala,
II M.Sc., Bio chemistry.

STEPHEN HAWKING'S INSPIRATIONAL QUOTES

Despite his passing, the words of Stephen Hawking will live on forever....!!

- ❖ "Look up at the stars and not down at your feet. Try to make sense of what you see, and wonder about what makes the universe exist. Be curious."
- ❖ "However difficult life may seem, there is always something you can do and succeed at. Where there's life, there's hope."
- ❖ "People won't have time for you if you are always angry or complaining."
- ❖ "I believe alien life is quite common in the universe, although intelligent life is less so. Some say it has yet to appear on planet Earth."
- ❖ "My advice to other disabled people would be, concentrate on things your disability doesn't prevent you doing well, and don't regret the things it interferes with. Don't be disabled in spirit as well as physically".
- ❖ "We are just an advanced breed of monkeys on a minor planet of a very average star. But we can understand the Universe. That makes us something very special."
- ❖ "Work gives you meaning and purpose and life is empty without it."
- ❖ "People who boast about their I.Q. are losers."
- ❖ "Quiet people have the loudest minds."
- ❖ "One of the basic rules of the universe is that nothing is perfect. Perfection simply doesn't exist... Without imperfection, neither you nor! Would exist"
- ❖ "You cannot understand the glories of the universe without believing there is some Supreme power behind it."
- ❖ "To confine our attention to terrestrial matters would be to limit the human spirit."
- ❖ "Nothing is better than reading and gaining more and more knowledge."
- ❖ "The universe does not behave according to our pre-conceived ideas. It continues to surprise us."
- ❖ "Mankind's greatest achievements have come about by talking and its greatest failures by not talking. It doesn't have to be like this."

Dr.A.Sudarvizhi
Assistant Professor of Commerce

The Life History of Dr.A.P.J. Abdul Kalam

"Don't declare Holiday
on my death
Instead work an extra day
If you love me"

Dr.A.P.J. Abdul Kalam was the 11th President of India, from 2002 to 2007. Kalam was born and raised in Rameswaram, Tamilnadu, and studied Physics and

aerospace engineering. He spend the four decades as a scientist and science administrator, mainly at the Defence Research and Development Organisation (DRDO) and Indian space research organisation (ISRO). Later he came to be known as the Missile man of India for his work on the development of ballistic missile and launch vehicle technology. He also played a pivotal role in India"s Pokhran-II nuclear test in 1998, the first since the original nuclear test in 1998, the first since the original nuclear test by India in 1974.

Mr.Kalam was elected as the 11th President of India in 2002 with the support of the both the ruling Bharatiya Janata party and opposition Indian National Congress. After serving a term of five years. he returned to his civilian life of education, writing and public service. He was the recipient of several prestigious awards including the Bharat Ratna, India"s highest civilian honour.

Kalam was widely referred to as "People"s president". He died after he collapsed from an apparent Cardiac arrest while delivering a lecture at the Indian Institute of Management, Shillong on 27July 2015, aged 83. His death was mourned across the nation with thousands including National high level dignitaries attending the funeral ceremony held in his hometown Rameshwaram, where he was burried with full state honours.

Mr. Kalam was not only a politician but was also a scientist, an engineer, a writer and a scholar. Success followed him in the name of Prithvi, Agni, Akash, Trishu and Nag missiles. Let me conclude the writings with the words of Dr.A.P.J. Abdul Kalam.

"English is necessary at present as
Original work of science are in English.
I believe that with in two decades of time
Original works of science will start
Coming out in our languages.
Then we can move over
like the Japanese".

Ms.K. Shalini,
II B.Sc., Mathematics

Archaeology

Introduction

Archaeology is the study of human activity through the recovery and analysis of material culture. The archaeological record consists of architecture, bio facts or eco facts and cultural landscapes. Archaeology can be considered both a social science and a branch of humanities. In North America, archaeology is considered as a subfield of anthropology.

Scope of Archaeology

In broad scope, archaeology relies on cross-disciplinary research. It draws up on anthropology, history, art history, classics, ethnology, geography, geology, literary, history, linguistics, semiology, textual criticism, physics, information sciences, chemistry, statistics, paleoecology, paleography, paleontology, paleozoology and Paleobotany.

Archaeology developed out of antiquarianism in Europe.

History

The study of archaeology grew out of the older multi-disciplinary known as antiquarianism. Antiquarians studied History with particular attention to ancient artifact and manuscripts.

Motto of the 18th Century antiquary, sir Richard Colt Hoare

“We Speak from facts not Theory”.

They conducted surveys of the English countryside, drawing, describing and interpreting the monuments that they encountered.

First Excavations

One of the first sites to undergo archaeology excavation was Stonehenge and other megalithic monuments in England and other megalithic monuments in England. John Aubrey (1626-1697) was a pioneer archaeologist who recorded numerous megalithic and other field of monuments in England. He attempted to chart the chronological stylistic evolution of handwriting, medieval architecture, costume and shield shapes prior to the development of modern concepts such as stratification and context were overlooked.

Purpose

The purpose of archaeology is to learn more about past society and the development of human race. Over 99% of the development of humanity has occurred within prehistoric cultures which did not make use of writing, thereby no written records exist for study purposes. Many important developments in human History occurred during prehistory such as the evolution of humanity during the Paleolithic period. When the hominins developed from the australopithecines in Africa into modern Homo sapiens.

Current issues and controversy

Television programs, web videos and social media can also bring an understanding of underwater archaeology to a broad audience. The Mardi Gras Shipwreck project integrated a one-hour HD documentary. Webcasting is also another tool for educational research. The controversies related to archaeology are as follows-

1) Pseudo archaeology

Pseudo archaeology is an umbrella term for all activities that falsely claim to be archaeological but in fact violate archaeological practices.

2) Looting

Looting of archaeological sites is an ancient problem. Many of the tombs of the Egyptian Pharaohs were looted during antiquity. Trying to protect artifacts may be placed in danger by looters.

Conclusion

It can be seen that while excavation is destructive, there is a morally justifiable place for research archaeology with non-destructive techniques. eg. Research excavation projects such as Sutton Hoo. Excavation should be taken only by non-destructive methods. Non-destructive techniques such as environmental sampling and resistivity survey have to be employed to get significant complementary data.

Ms. G.Keerthana,
II B.Sc., Mathematics.

NATIONAL INTEGRATION AND COMMUNAL HARMONY

Introduction

From time immemorial, it has been seen that different religions fought battles against each other on the Indian soil and got themselves firmly entrenched but India has been assimilated them all into her blood. The conflicting cultures were all last modelled by this country on his genesis and fortune.

Importance of National Integration

- India has witnessed a great diversity of faith and religion from their earliest time. But this has not interfered with the peaceful pursuit of the way of life of different sections.
- Christians and Jews who came to India during of first century of Christian era found hospitable reception here.
- After several centuries, Muslims and Parsis came to India received equal reception.
- Ever since, India has been marked as by the prosperity of community belonging to different religions.
- The people of India values the importance national Integration.

“CASTE, COLOUR, CREED ARE ASIDE
HUMANITY IS BY WHAT WE ABIDE”

National Integration

It refers to perception of single national identities among people of the country belonging to various caste, races, religion.

Communal Harmony

It refers to harmony, acceptance and love among the people of various communities belonging to various races, caste and religion.

What Constitution Says

The preamble to the constitution describes different religions, castes and community.

Article 25 to 30, particularly guarantee to everyone rights for

- Freedom of religion
- Freedom of conscience
- Right freely to profess, practice and propagate religion.

Communal Harmony is a Pre Requisite for National Integration of India

Communalism

- Communalism endangers the National Integration. The reason is the cause of anxiety and the separatist tendency which tends to endanger the communal harmony and National Integration. The fissiparous tendencies like aggression for
- Communication
- Religiousism
- Linguist
- Casteism affects the unity of the country.

Linguism

Linguism is yet another problems in the world. The reorganisation of state on linguistic basis is considered to have given impetus to linguism. Again the adoption of HINDI as a official language in India.

“LOGIC AND MATHEMATICS ARE
NOTHING BUT SPECIALIZED
LINGUISTIC STRUCTURES”

Casteism

Casteism is getting another potential threat to the National integration. This system has been grown up in the earliest time. Now, it is a great problem in our

society. But it endanger our National unity. It is a misfortune that our political parties of keen in using casteism to win the elections.

“CASTE IS NOT A DIVISION
OF LABOUR, IS A DIVISION
OF LABOURER.”

Conclusion

It is a sacred duty of our political leaders to inject the important of communal harmony in their political programmes. The danger of communalism, linguism and casteism can be averted, if the slogans are “MY STATE”, “MY LANGUAGE”, “MY CASTE”, and after all “MY RELIGION” and give the noble sentiments. Then the slogans unity in diversity will be true and be hope and appreciation.

“WORK TOGETHER WORK AS ONE
TO STRENGTHEN THE NATION.”

Ms.B.Monisha
I B.Sc.Mathematics

I AM KALAM – MAKING INDIA A DEVELOPED COUNTRY

Kalam’s Vision of developed India - November 14, 2003

- President A.P.J. Abdul Kalam detailed his vision for a developed India while delivering the inaugural address at the 23rd India International Trade Fair in New Delhi in November 2003.
- I am delighted to participate in the inauguration of 23rd edition of India International Trade Fair (IITF) 2003.
- The fair provides a platform for wide range of business opportunities by showcasing technological strength in different sectors of the economy.
- I greet the organisers, contributors and participants from various nations of this mega event which is becoming a reliable barometer of industrial progress.
- The theme of the fair this year is Tourism and promoting small and medium enterprises. When I see the industrialist entrepreneurs and connected members from different countries, I was thinking what thoughts can share with you. See there are industries from developed countries and also from developing countries. Therefore, I am talking to you about dynamics of development and Law of Development.

Law of development

- Last two years, was studying the development patterns and the dynamics of connectivity between nations especially in trade and business. As you all know the world has few developed countries and many developing countries what is the dynamics between them and what connects them?
- A developed country have to market its products in a competitive way to different countries to remain a developed country.
- The developing country to get transformed into developed country they too have to market their products to other countries in a competitive way.

Competitiveness has three dimensions

- Quality of the product
- Cost-effectiveness and
- Supply in time.

Indeed this dynamics of competitiveness in marketing of competitive products by developing and developed country is called the law of development.

Our technological strength

- India is today a developing country and we have a vision to transforming India into a developed nation by 2020, using technology as a tool.
- With the growing economy and strong internal market India is destined to make competitive product using technological innovations. Software and Pharma product have shown the lead.
- See the emergence of Steel technology, space technology and defence systems going to the International markets in addition to conventional products.
- The initiatives taken in solar farming to generate energy, desalination plants energy to generate drinking water will soon be mission mode programmes offering a large business in India and outside. I would like to discuss the areas which require attention for transforming India into a developed country.
- Transforming the nation into a developed country five areas in combination have been identified based on India's core competence, natural resources and talented manpower for integrated action to double the growth rate of GDP and realize the vision of developed India.

Identified five areas are:

- 1) Agriculture and food processing with target of developing the present production of food and agricultural products by 2020. Agro food processing industry would lead to the prosperity of rural people, food security and speed people to the economic growth.
- 2) Infrastructure with reliable and quality electric power including solar farming for all part of the country.

- 3) Providing urban amenities in rural areas and interlinking of rivers.
- 4) Education and health care to provide social security and eradication of illiteracy and health for all.
- 5) Information and communication technology is one of our core competencies at wealth generator. ICT can be used in the field of education, medicine and e-governance to promote education in remote areas, health care and also transparency in administration.

These five areas are closely inter-related since the theme of the IITF this year is Tourism and promoting small and medium scale industries, which can be derived from the above areas. These sectors can reinforce the national development in particular the rural development.

Conclusion

- India International trade fair has to become a window through which we can see the scene of development in different sectors including industries, service and agriculture.
- The industry fair raises the hope and aspirations for different industries to field their products in competitive environment.
- India with its large manpower needs many challenging missions like this and the driving force for economic development in rural areas is providing urban amenities in rural areas.
- Transforming India into a developed nation needs wealth generation.

Ms.S. S.Shalini,
III B.Com.

FUN WITH RIDDLES

1. What gets wet when drying?
2. What are two things that people never eat before breakfast?
3. What can't be used until it's broken?
4. What has many keys but can't open any doors?
5. What has 4 legs and only 1 foot?

Answers:

1. Towel
2. Lunch and dinner
3. Egg
4. Piano
5. Bed

Ms.K. Arthi,
II B.A., English.

CAN YOU ANSWER ME?

1. People buy me to eat but never eat me. What am I?
2. If there are 6 apples and you take away 4. How many do you have?
3. How many times can you subtract ten from hundred?
4. What 3 letters change a girl into women?
5. What do pandas have that no other animal has?
6. What has 13 hearts, but no other organs?
7. Why is the letter "A" the most like a flower?
8. When do you go at red, but stop at given?
9. My best friend always makes mistakes, but I would easily get rid of the mistakes
Who am I?
10. What normally lose head in the morning, but get it again at night?

Answers:

1. Plate
2. The 4 you took
3. Only one, because next time it would be 90
4. Age
5. Baby Panda
6. A deck of Playing cards
7. Because the B (Bee) is after it.
8. Watermelon
9. An Eraser
10. Pillow

Ms.T. Sobitha,
II B.Com., English.

Mathematical Funs and Riddles

Easy Mathematical Riddles With Answers

1. Why should you never mention the number 288 in front of any one?

Answer: Because 288 is too Gross.

2. How many Eggs can you put in an Empty Basket?

Answer: Only one Egg. Because, after that the Basket is not empty

3. How many 9s are there between 1 and 100?

Answer: Twenty 9s.

4. I am an odd number, take away an alphabet and I become even.
What number am I?

Answer: 7 (Seven; S=Even)

5. If: 111=13
 112=24
 113=35
 114=46
 115=57

Then: 117=?

Answer: 117 = 79

Explanation:

111=13,

Take last Number (1) and add 3 Numbers (1+1+1=3)

112=24,

Take last Number (2) and add 3 Numbers (1+1+2=4)

113=35,

Take last Number (3) and add 3 Numbers (1+1+3=5)

114=46,

Take last Number (4) and add 3 Numbers (1+1+4=6)

115=57,

Take last Number (5) and add 3 Numbers (1+1+5=7)

117=79,

Take last Number (7) and add 3 Numbers (1+1+7=9)

Ms.S. Mahalakshmi,
II B.A., English.

TRICKY SUMS

6 + 4 = 0210


9 + 2 = 0711

8 + 5 = 0313



5 + 2 = 0037

$$\begin{array}{rcl}
 7 + 6 & = & 0113 \\
 9 + 8 & = & 0117 \\
 10 + 6 & = & 0416 \\
 15 + 3 & = & 1218
 \end{array}$$



Answer :-





$$\begin{array}{rcl}
 6 + 4 & = & 2 \quad 10 \\
 6 - 4 & &
 \end{array}$$



$$\begin{array}{rcl}
 9 + 2 & = & 7 \quad 11 \\
 9 - 2 & &
 \end{array}$$

$$\begin{array}{rcl}
 8 + 5 & = & 3 \quad 13 \\
 8 - 5 & &
 \end{array}$$

$$\begin{array}{rcl}
 5 + 2 & = & 3 \quad 7 \\
 5 - 2 & &
 \end{array}$$

$$\begin{array}{rcl}
 7 + 6 & = & 1 \quad 13 \\
 7 - 6 & &
 \end{array}$$



$$9 + 8 = 17$$

$$9 - 8$$



$$10 + 6 = 16$$

$$10 - 6$$



$$15 + 3 = 18$$

$$15 - 3$$



Ms.T.Yuvarani

I B.Sc. Zoology.

MATHEMATICAL CROSSWORD PUZZLE

Across :

01.Any Mathematical process.

04.The lowest value in a set of numbers upto the highest value in the set.

07.A network of lines used for locating points.

08. Any symbol that could represent a number.

- 09. Average
- 10. Graph that displays data using line segments.
- 12. A model or drawing based on a ratio.

Down :

- 02.The positions of a single digit in the whole number.
- 03.A graph that uses bars to display data.
- 05. The use of rounding to determine a reasonable answer.
- 06. The number found most of ten.
- 11. The horizontal and vertical number lines used in a graph.

	1	2										3	
										4			
5				6									
		7											
								8					
9													
				10						11			
								12					

Answers:

- 01. Operations
- 02. Place Value

- 03. Bar Graph
- 04. Range
- 05. Estimation
- 06. Mode
- 07. Co-Ordinate
- 08. Variable
- 09. Mean
- 10. Line Graph
- 11. Axes
- 12. Scale Model

S.Gayathri, II BA English Literature

One Page Calender 2018

Dates					Jan	May	Aug	Feb	June		
					Oct			Mar		Sep	Apr
								Nov		Dec	July
1	8	15	22	29	Mon	Tue	Wed	Thu	Fri	Sat	Sun
2	9	16	23	30	Tue	Wed	Thu	Fri	Sat	Sun	Mon
3	10	17	24	31	Wed	Thu	Fri	Sat	Sun	Mon	Tue
4	11	18	25		Thu	Fri	Sat	Sun	Mon	Tue	Wed
5	12	19	26		Fri	Sat	Sun	Mon	Tue	Wed	Thu
6	13	20	27		Sat	Sun	Mon	Tue	Wed	Thu	Fri
7	14	21	28		Sun	Mon	Tue	Wed	Thu	Fri	Sat

S.Deepika, II BSc Mathematics

Tricks with numbers

(I) Tricks with Number Nine

1. Two digit numbers

$$12 \times 9 = 108$$

$$23 \times 9 = 207$$

$$34 \times 9 = 306$$

$$45 \times 9 = 405$$

$$56 \times 9 = 504$$

$$67 \times 9 = 603$$

$$78 \times 9 = 702$$

$$89 \times 9 = 801$$

2. Three digit numbers

$$123 \times 9 = 1107$$

$$234 \times 9 = 2106$$

$$345 \times 9 = 3105$$

$$456 \times 9 = 4104$$

$$567 \times 9 = 5103$$

$$678 \times 9 = 6102$$

$$789 \times 9 = 7101$$

3. Four digit number

$$1234 \times 9 = 11106$$

$$2345 \times 9 = 21105$$

$$3456 \times 9 = 31104$$

$$4567 \times 9 = 41103$$

$$5678 \times 9 = 51102$$

$$6789 \times 9 = 61101$$

4. Five digit number

$$12345 \times 9 = 111105$$

$$23456 \times 9 = 211104$$

$$34567X9 = 3 \ 1110 \ 3$$

$$45678X9 = 4 \ 1110 \ 2$$

$$56789X9 = 5 \ 1110 \ 1$$

(III) The Importance of number 37

1) 37, 37037, 37037037 -----

$$37X3 = 111$$

$$37X6 = 222$$

$$37X9 = 333$$

$$37X12 = 444$$

$$37X15 = 555$$

$$37X18 = 666$$

$$37X21 = 777$$

$$37X24 = 888$$

$$37X27 = 999$$

2) 37037X3 = 111111

$$37037X6 = 222222$$

$$37037X9 = 333333$$

$$37037X12 = 444444$$

$$37037X15 = 555555$$

$$37037X18 = 666666$$

$$37037X21 = 777777$$

$$37037X24 = 888888$$

$$37037X27 = 999999$$

3) 37037037X3 = 11111111

$$37037037X6 = 22222222$$

$$37037037 \times 9 = 33333333$$

$$37037037 \times 12 = 44444444$$

$$37037037 \times 15 = 55555555$$

$$37037037 \times 18 = 66666666$$

$$37037037 \times 21 = 77777777$$

$$37037037 \times 24 = 88888888$$

$$37037037 \times 27 = 99999999$$

III. Tricks with Multiplication and Addition

$$0 \times 9 + 1 = 1$$

$$1 \times 9 + 2 = 11$$

$$12 \times 9 + 3 = 111$$

$$123 \times 9 + 4 = 1111$$

$$1234 \times 9 + 5 = 11111$$

$$12345 \times 9 + 6 = 111111$$

$$123456 \times 9 + 7 = 1111111$$

$$1234567 \times 9 + 8 = 11111111$$

$$12345678 \times 9 + 9 = 111111111$$

$$123456789 \times 9 + 10 = 1111111111$$

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