

DERARTMENT MAGAZINE





Department of Biomedical Science

ALAGAPPA UNIVERSITY Karaikudi - 630 003.

DEPARTMENT OF BIOMEDICAL SCIENCE

"Biomedical sciences are a set of sciences applying portions of natural science or formal science, or both, to develop knowledge, interventions, or technology that are of use in healthcare or public health." The course falls under the umbrella of the M.Sc course and therefore, follows the syllabus pattern. There are many job opportunities available for the graduates of this course. The M.Sc Biomedical Science scope is huge but the intake of students for this course is very less. A doctorate in Biomedical Science helps to learn how to preserve and support health in both humans and animals with insights on diet, disease, and immunology basics. The minimum length of these projects is three years, although they can be expanded depending on study needs. Students with a Ph.D. in Biomedical Science will also choose a career as a researcher. In the present era, the medical field needs a new method of treatments and technology since new diseases and viruses are affecting humans and animals. Post lockdown there was a sharp increase in mental health issues due to complete house arrest for months, which have left an impact on their physical as well as mental health. So it creates jobs for Biomedical science course students with skills and interest in research.

FACILITIES

- 1. Health Centre
- 2. Computerized Laboratories
- 3. Smart Classrooms
- 4. Seminar Hall with LCD Projector
- 5. Computing and Network facilities to support research activities
- 6. INFLIBNET connectivity for e-journals

VISION:

To develop high quality human resource required for both academics and industries as well as to pursue research in the frontier areas of biomedical sciences of international standard.

MISSION:

- Produce broadly educated, highly skilled students who can choose their own areas of interest in their future.
- Equip young students with in-depth education, highly skilled and strategies to change the future of modern medicine.
- Carry out world class research and transmit the outcome of our research to students, scholars, and the society through Enriched academic programs.

THE ACTIVITIES CONDUCTED /ORGANIZED BY THE DEPARTMENT OF BIOMEDICAL SCIENCE INTERNATIONAL WORKSHOP BROCHURE

List of Invited Speakers



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PROGRAMME COMMITTEE

Patrue Prof. N. RAJENDRAN Vice-Chancellor, Alaguppu University

Co-Patron Prof. H. Gurumallesh Prabu Registrat, Alagappu University

Convent Dr. S. Ravikumar Professor and Head it: Department of Hiomedical Sciences Alagappa University

Organizing Secretaries Dr. P. Rameshthaugum Assistant Professor in Biotechnology-DDE Department of Biomedical Sciences Alagappa University

Dr.R. Anarths Assistant Professor cam Medical Officer Health Care Centre Alagappa University

> Address for Communication Dy, P. Raisesbiltungim Email ichutr2019.0 gmuil.com Mobile 9444834424 www.alagappauniversity.ac.in



ALAGAPPA UNIVERSITY

200 KARANIJUS - CH BEZ

Two days International Workshop on

Biomedical Applications in Translational Research (BATR - 2019)



ORGANIZED BY Department of Biomedical Sciences in **Collaboration with Health Care Centre**

ALAGAPPA UNIVERSITY KARAKUDI - 630 00

Date :6"&7" June - 2019 Venue :

Conference Hall, 4" Fluor, Science Campus

About The University

Atagappe University is located at Karaikudi in Tamil Nadu Angiappe University is located at Karakkuli in Tarril Nadu is accessible from Machani and Tinuthreppelli Anjords withis two hours. The 440 area green and asis composi-touses all the academic activities. This University has emerged three the galaxy of institutions witably function by the great philamitrapist and educationist Dr. HM. Alagappe Cheffair Alagappe University was trought into existence by a special ACI of the Government of Tarrill Nadu is they 1505 with the objective of Solaring research, development and decommondation of formations in various at transfers of barrents. a special Act of the Government of Tarili Natio in May 1980, with the citizendow of Shalering research, development and dissemproteion of theoremics, development and dissemproteion of theoremics, the University Earns, Commission (UGC), Near Delhi, India. The University Earns 39 Departments, B Centres and 2 Commisser Colleges Constrained Colleges in the Christensity of the University Assages and the Active Shale Colleges and the Assages University Model Colleges of Arts and Science are located in the Education of Dissignants in the American Science are located in Makkaras: and Paramakud respectively. The University Offers education through Regular Media College and one Assages and the Assage Collaborations with Universities / traitlations of Higher Learning in countries like Data, Malaysia, Wasi Innies, U.S.A. and Bouth Kimus. Innovative programmess are designed and offered at the University for the forwign students. At international exchange programmes attract the attention of the teachers and students than abroad. The University's motion is "Excellence in Action" and the University's motion is "Excellence in Action" and the University's motion is "Excellence in all spheres of the action. In other to promote spatially education, the MHIGD has taken several initiatives and they expect the institutions to attain good position in various parameters such as (i) Accorditation by National Assessment and Accorditation Countal (NAAC) with A' grade, (ii) Acceleditation of probability in National Assessment and Acceleditation of Instance With AC grades, (ii) Categorization of Institutions by MHRD-UGC, (iii) Autoentry Batture by MHRD-UGC, (iv) NIIIP Pania within 50, (i) Rearbitys Uchdatar Statistica AbSystem FRUSA) Grant and (vt) Institution of Environce (IOE) Status.

About the Depart

About the Department of Burnedical Sciences ALAGAPPA Department of Burnedical Sciences ALAGAPPA UNIVERSITY has been instabilished in April, 2018. The Department of Burnedical Sciences (DBMS) conducting has year MSc programme and Ph.D in Burnedical Sciences. Our environt facultus taking care of teaching and guiling the students in the forther areas of Biomedical Sciences. The Department of Biomedical Sciences has apported with sponsored projects from various funding equivals such as RUSA-2.0 Phase, DST-SERB and UST-NHOMS.

Health Gare Centre Our University Health Care Centre was reacquisited aret operant on 18.03.2016. Regular medical watment for all the University members in our campus tron 9.30 am to 0.00 pm has been provided by medical ufficar and a staff murse. 24e7 service is also been provided to been determined and the staff service is also been provided

officer and a staff nurse, 24x7 service is also been provided by them during envergency situation The health centre have consultation more, physiotherapy more, investigation tab, oournaling room separately for pattert privacy. In patient beds are also provided in our Center Blood investigation list will be ananoped soon nour Health Carelo (park campide medical aid. Record maintainence of patients are perfect in ior Centre, for haune amengency situation of patients. Near by inducation health dour allwate caulogs Staffs and Students are also given treatment free of cost.

About the Workshop The objective of the workshop is to create a fur-for scientist, researching and academic from e8 over work to exchange their research findings, views and de on recent trends in Biomedical Sciences. infort in Thirtyami

Registration Fee There is no registration live for the participants. Registration sit, working lunch and refreshments will be provided. Registration is computery for all the participants.

Accen

The request for acco stlation enould be sent to The organizing secretary at the earliest. Accommodation will be anarogen for the participants. Limited TACA will be provided to the participants.

ALAGAPPA UNIVERSITY
Two days International Workshop on
Biamedical Applications in Translational Research (BATR - 2019) Date :6"&7" June - 2019
REGISTRATION FORM
Name : Female During :
Address for Correspondentian :
Phone Mabile No.
E-mail
* Reportation forms may be developeded from the antiretrity subsite www.elepappaminentity.ac.m.

The International workshop on "Biomedical application in translational research" held on 6th to 7th June 2019 was organized by Department of Biomedical Science. **Prof. N. Rajendran,** Vice-Chancellor, Alagappa University, presided over the function. Dr. S. Ravikumar, Professor & Head i/c, welcomed the gathering.

ABOUT THE WORKSHOP

The objective of the workshop is to create a forum for scientist, researchers and academia from all over the world to exchange their research findings, views and ideas on recent trends in Biomedical Science.

TOPICS COVERED

Traditional Medicine, Health care technology, Medical Devices, Clinical trials, Bio innovation, Bioimaging and Biodesign, Translational medicine, Biomedical technology, Clinical science, Intellectual property rights, Bio engineering, Nano medical technology, Biomedical sensors, Disease resistance, Natural products, Medical Informatics.









REPORT ON VILLAGE EXTENSION PROGRAMME (VEP), KOTHARI VILLAGE, SIVAGANGA DISTRICT

VILLAGE EXTENSION PROGRAMME 2022-2023

The Alagappa University, Karaikudi has been conducting a novel programme namely Village Extension Programme (VEP). This programme is introduced for the first time in the history of State Universities in Tamil Nadu, aims to provide exposure to students about the issues confronting the Indian villages. For the academic year 2022-23, this programme was organized from 10th to 12th of March, 2023 at 40 different adopted villages in Sivagangai district by 40 Departments of Alagappa University.

Department of Biomedical Sciences were assigned a village called Kothari, near Pallathur located in Sivaganga District which is a socially and financially deprived hamlet. About 25 students (both boys and girls) at studying first year post-graduate programmes in the Department of Biomedical sciences along with four faculty members have participated in this event at Kothari Village.

KOTHARI – THE REAL HAMLET

Kothari is a small Village/hamlet in Sakkottai Block in Sivaganga District of Tamil Nadu State, India. It comes under KOTHARI Panchayath. It is located 54 KM towards East from District head quarters Sivaganga, 9 KM from Sakkottai, 423 KM from State capital Chennai. Aranmanaipatti (6 KM), Palavangudi (7 KM), Koviloor (9 KM), Sakkottai (11 KM), Mathur (11 KM) are the nearby Villages to Kothari. Kothari is surrounded by Arimalam Block towards East, Tirumayam Block towards North, Kallal Block towards South, Tiruppathur Block towards west. Karaikudi, Pudukkottai, Sivaganga, Peravurani are the nearby Cities to Kothari. This Place is in the border of the Sivaganga District and Pudukkottai District.

The total geographical area of village is 1093.22 hectares. Kothari Village total population is 1369 and number of houses are 334. Female Population is 49.3%. Village literacy rate is 70.0% and the Female Literacy rate is 31.0%. Except few, most of the villagers have not yet completed their SSLC and their living is based on daily wages. People residing here are mostly Coolies, Farmers, Security persons, Tailors, Painters, Drivers and Plumbers.





Department of Biomedical Science - Magazine

DAY 1 - 10.03.2023 - INAUGURATION

On 10th March 2023, around 25 students from of Biomedical Sciences started from Science Campus around 7.30 AM to Kothari Village for Village Extension Programme





4QWW+3PX, Pallathur, Tamil Nadu 63













The Programme was initiated at 9.00 AM by Dr. S. Ravikumar who delivered welcome address and informed about the programme schedule. Mr. Sankar, Village Thalaivar inaugurated the programme and delivered the inaugural speech. He explained about the village and temples located in the Kothari village. He also encouraged the students by his valuable suggestions that

this camp might help to know the needs of people who were under the poverty line. So in

future that would help the students to think and do their service to those people. In the function, Village panchayat leaders Mrs. Shanthi, and other village people were also participated. Prof. S. Ravikumar, Head, Department of Biomedical Sciences presides the function and honored the guests. He also insisted the importance of VEP and advised the students to do service to the village people and the school students. All the teaching staff from the courses of Biomedical sciences were also participated in the function.

VILLAGE CLEANING

After the inauguration the students were divided into groups and started cleaning the Cleaning (Solai Andavar Vithyasalai School (SAV), Kothari at 9.30 AM. They started cleaning the plastic wastes, thorny bushes, unwanted grasses, and other unwanted wastes in and around the school. The Professors and the teaching assistants encouraged the students and were also participated in the cleaning process.









DAY 2 - 11.03.2023

REVENUE INSPECTOR RESIDENCE AND GOVERNMENT CHILD HOSPITALS (PHASEII)

After that, the students were again went for cleaning the surroundings of Revenue Inspector quarters, at 9.00 a.m. on the second day. They cleaned the grasses, waste materials, plastics, polythene bags in and around the place of Revenue Inspector quarters. Along with the students, the faculties and the other supporting staffs were also involved in the cleaning. After the cleaning, the students were went to survey the Toilet facilities at individual home of the village people around 2.30 PM. Along with the students, the faculties and the other supporting staffs were also involved in the survey. Based on the survey done by the students, the villagers need more common toilet facility.

CLEANING (REVENUE INSPECTOR QUARTERS) (PHASE II), KOTHARI









SURVEY OF TOILET FACILITIES AT INDIVIDUAL HOME





DAY 3 – 12.03.2023 CLEANING (GOVERNMENT LADIES AND CHILD HOSPITALS), KOTHARI

Sunday morning at 9.00 AM, again the students started cleaning to Government ladies and child hospitals. They cleaned the grasses, waste materials, plastics, polythene bags in and around the place of Government ladies and child hospitals. Along with the students, the teaching staffs and the non- teaching staffs were also involved in the Cleaning.

CLEANING (REVENUE INSPECTOR QUARTERS), KOTHARI









SPORTS EVENTS CONDUCTED FOR VILLAGE CHILDREN

After completing the cleaning process, games were conducted for school children. Games such as running race, hand ball, and musical chairs were conducted. All the children's were encouraged and got motivation through the games by the students and faculty members from Alagappa university. In this program we have assigned our student to SAV School for wall painting. In that wall painting, mural depicts tree planting and rain water storage.





WALL PAINTING









DEVELOPMENTAL ACTIVITIES INITIATED AT KOTHARI VILLAGE DURING VILLAGE EXTENSION P ROGRAMME - 2023

- Awareness about various infectious diseases was created among the school children's by our students.
- * The school children's were educated about personal hygiene for healthy life.
- * Children's of Kothari village were motivated to participate in sports activities.





FAREWELL PARTY

On 9th May 2022 the students from Department of Biomedical Science I year students arranged a farewell party for the final year outgoing students. Farewell is basically a get to gather kind of celebration for the seniors who will be soon steeping out of that particular institute. Hence juniors wish their seniors a good luck for their next big adventures in various forms like singing, with motivational speeches or by felicitating them.

During the celebrations, Dr. S. Ravikumar, Professor & Head i/c, reminded in his speech wished good luck to the students for their future and appreciated their efforts. He also expressed his hope that students will continue holding top positions in the university and corporate. He felt happy about the achievements and accomplishments of the students in the campus and wished them a happy life ahead with bright career.

After the formal program, fun began. Some exciting games like balloon game, team unity were also arranged for the students and were enjoyed by all. The main attraction was Ramp walk, where students performed on the ramp really well. During the program, students continued to take selfie at selfie Booth, specially created for them. The program was ended with cake cutting ceremony and we gave final good bye to the students with heavy heart.



Department of Biomedical Science – Magazine

FRESHER'S DAY CELEBRATION REPORT: 2022-23

The purpose of Fresher's Party is to welcome new students in a friendly atmosphere and to encourage their creative impulses to boost their confidence. It is the day where seniors and juniors finally bond and unite to celebrate being part of the college. Students of First Year (Batch:2022-23) - M.Sc. Biomedical Science, II-year students were welcomed with the red rose to this party which was organized by Student's Council in the MIS- hall at 11.00 PM.

Dr. K. Langeswaran, Assistant Professor & Head i/c, presided over the function. It was followed by words of blessings from all dignitaries to the fresher's. The celebration kick started at 12:00pm with lighting of lamp & cake cutting by dignitaries. Second year students were the energetic & enthusiastic emcees of the show. They did formal welcoming of one and all present there. All the participants were well dressed, conforming to the dress code & were ready to perform.











TWO BEST PRACTICES SUCCESSFULLY IMPLEMENTED BY THE DEPARTMENT DURING THE ASSESSMENT PERIOD

BEST PRACTICES - 1

Title of the Practice: How to become Biomedical Science Entrepreneur?

Objectives of the Practice: Exploring opportunities of on job training through various platforms Creating enthusiastic and well trained community of Science through proper interfacing of industry and science students To enhance the interest of the students through field works in the industry to understand the practical applications of their technical theoretical knowledge.

The Context: Create a new product or service: Becoming an entrepreneur gives you the freedom to build a product or service from scratch, turning an original idea into a viable business. Though becoming an entrepreneur will not always be easy, and comes with many risks. Taking on this role will give you the opportunity to create something new in the marketplace.

The Practice: Various opportunities given by the industries are communicated to all students through coordinators and teacher Guardians. For the same various awareness programs are arranged and the importance of the internship is communicated in the students. Through various lectures and programs students are encouraged to go for the entrepreneurship.

- Extensive interaction with industry experts: Experts from industry are invited to conduct guest lectures, workshops, demonstrations and seminars.
- Industry experts as adjunct faculty: To give the students firsthand information about the current trends and practices in the industry, the college has appointed industry experts as adjunct faculty.

Entrepreneurship development (ED): Students are given an opportunity to exhibit and showcase their technical, financial and marketing skills through ED activities as they handle the events by themselves.

Problems Encountered and Resources Required: The syllabus is governed by the university have limited control over the same. The syllabus is supposed to be revised every two years. However, making part of the syllabus redundant. It is seen that the syllabus is not always at par with the industry requirements. For the various modules in the value added program experts are required from the various fields. However these requirements were fulfilled by inviting field experts from the industries and various companies for completing the various modules in the students training programme.

INVITATION



DEPARTMENT OF BIOMEDICAL SCIENCES ALAGAPPAUNIVERSITY (Attate/SulversityEstablishedint1987)

Karaikudi630003, TamilNadu,India



SPECIAL LECTURE BY EMINENT SCIENTIST SERIES

Date	: 1st November 2023 (Wednesday)				
Venue	: Conference Hall, MIS Building, Science Campus				
Time	: 11.00 AM				
Title	CAMPUS TO CORPORATE: OPPORTUNITIES FOR BIOMEDICAL SCIENCES ENTREPRENEURSHIP TO UNLEASH THE POWER OF INNOVATION"				
Speaker	 Dr. ARAVINDH Selvaraj, Ph.D., Founder, Executive Director & Chief Scientific Officer ELIES BIOTECH PRIVATE LIMITED Reg. Office: No. 6-C, Arjuna Nagar, Thanneerpanthal Palayam, Periyasemur Post, Sathy Main Road, Erode - 638004. Tamil Nadu 				
	S BIOTECH And Seard with Microbis				
	ALL ARE CORDIALLY INVITED				





BEST PRACTICES - 2

Title of the Practice: Training for writing scientific research.

Objectives of the practice: Successful production of a written product for submission to a peer-reviewed scientific journal requires substantial effort. Understanding the research article and having discussions with peers and professionals can help to maximize this effort. With this aim, The Department of biomedical Sciences initiated Training for writing scientific research to encourage 'exchange of ideas' and 'innovative thinking'. In this training, students are motivated to participate in broader scientific conversations. This training started with following objectives.

The Context: The Department of Biomedical Sciences initiated the Training for writing scientific research with clear goals and objectives. However, selecting the right format to keep members stimulated and educated remains a great challenge.

- Student members can improve their reading habits and gain practice in critiquing and appraising research;
- They can polish their presentation and communication skills;
- They can network and improve interpersonal relationships with peers and professionals; and they can practice the skills of interpreting research data

The Practice : Training for writing scientific research in medical science have not been frequently conducted in most of the medical institutions, as more preference has been given to the subject-specialty research writing. However, the Department of Biomedical Sciences at Alagappa University organized similar training in an organized way, keeping in mind about the benefits of scientific conversation to improve health science education, particularly the development of critical assessment skills. These sessions offer a unique opportunity to the participants to assess the literature in a supportive fashion and play a defining role in ensuring better quality health care teachings to the medical students.

Evidence of Success: Our practice provides evidence that students find scientific lectures to be worthwhile. Furthermore, a high percentage of students deemed the working atmosphere to be constructive and found it worthwhile to participate in the sessions. Students found the discussions during seminar sessions rich and productive. The motivation to think more critically increased during training sessions. Training events are highly valued by participants and could be a good option for the development of scientific research writing skills. In addition, these training events helped the students to improve the skills of understanding and debating current topics of active interest in their field.

Problems Encountered and resources required - Nil

PHOTOS



EFFORTS TAKEN BY THE DEPARTMENT TO PROVIDE CAREER COUNSELING AND GUIDANCE FOR COMPETITIVE EXAMINATIONS

The Department of Biomedical Sciences organized a seminar on "Key skills sets to choose the right biomedical career for your future" on 13th October 2023. Dr. K. Langeswaran, Assistant Professor & Head i/c, presided over the function. Dr. AR. Saranya welcomed the gathering. Dr. V. Naveen Kumar, Founder & Managing Director, ImmuGenix Biosciences Pvt Ltd, Chennai delivered a special lecture on numerous career opportunities in biomedical field and essential skills needed for success in a biomedical career. Students asked their queries to speaker in question answer session. Dr. K. Langeswaran appreciated and congratulated Guest speaker for enthusiastic session and presented memento of appreciation to the guest speaker. Event concluded with vote of thanks of Dr. M. Jeyakumar.

On 1st November 15, 2023, the Department of Biomedical Sciences organized a seminar on "Campus to corporate: Opportunities for Biomedical Sciences entrepreneurship to unleash the power of innovation". Dr. K. Langeswaran, Assistant Professor & Head i/c, presided over the function. Dr.AR.Saranya delivered the welcome address. Dr. Aravindh Selvaraj, Founder, Executive Director & Chief Scientific Officer, Elies Biotech Private Ltd, Erode, Tamilnadu offered a special lecture on tremendous business opportunities exist for biomedical science graduates who are interested in becoming successful entrepreneurs. The session ended with vote of thanks and presentation of memento to the speaker.

"Biomedical sciences are a set of sciences applying portions of natural science or formal science, or both, to develop knowledge, interventions, or technology that are of use in healthcare or public health." The course falls under the umbrella of the M.Sc course and therefore, follows the syllabus pattern. There are many job opportunities available for the graduates of this course. The M.Sc Biomedical Science scope is huge but the intake of students for this course is very less. A doctorate in Biomedical Science helps to learn how to preserve and support health in both humans and animals with insights on diet, disease, and immunology basics. The minimum length of these projects is three years, although they can be expanded depending on study needs. Students with a Ph.D. in Biomedical Science will also choose a career as a researcher. In the present era, the medical field needs a new method of treatments and technology since new diseases and viruses are affecting humans and animals. Post lockdown there was a sharp increase in mental health issues due to complete house arrest for months, which have left an impact on their physical as well as mental health. So it creates jobs for Biomedical science course students with skills and interest in research.

S.No	Date	Title	Resource person	Number of participants
1.	13.10.2023	Key skills sets to choose the right biomedical career for your future	Dr.V.Naveen Kumar, Founder &Managing Director, ImmuGenix Biosciences Private Ltd, Chennai, Tamilnadu	53
2.	01.11.2023	Campus to corporate: Opportunities for Biomedical Sciences entrepreneurship to unleash the power of innovation	Dr.Aravindh Selvaraj, Founder, Executive Director & Chief Scientific Officer, Elies Biotech Private Ltd, Erode, Tamilnadu	52



DAY 3 - 12.03.2023



EXTENSION AND OUTREACH PROGRAMS CONDUCTED BY THE DEPARTMENT OF BIOMEDICAL SCIENCE

As part of the campaign for Swachh Bharat-Swachhta Pakhwada, various activities were conducted in our University, Alagappa University, to create awareness among the students regarding Cleanliness and the ongoing cleanliness drive "Swachhta Pakhwada" started by our respected Prime Minister, Shri Narendra Modi. Cleanliness is the act of keeping our body, mind, dress, home, surroundings and other work area neat and clean. Cleanliness of the body is very necessary for our physical and mental health. Cleanliness of the surrounding areas and environment is essential for the social and intellectual health. Dirty things in the surrounding areas or home give rise to the various disease causing germs, bacteria, virus and fungus. Cleanliness also improves the confidence level, self respect as well as respect from others. It is a good habit which keeps us always happy and in maintaining our healthy lifestyle and standard of living. All staff members and

students actively participated in 'Sawachhta Pakhwada' as per the schedule decided by the University between September 1-15, 2023.

The Swachhta Pakhwada is the most significant cleanliness campaign by the Government of India. Its responsibility of the entire citizens to keep their surrounding clean. community people were encouraged to maintain their surrounding clean. Thus the students of Department of Biomedical Science, Alagappa University have initiated one steps towards- cleanliness"

Following activities were conducted by the University to observe Swachhta Pakhwada:

- Pledge was taken by students and teachers of the university.
- Removed all kind of waste material like broken furniture, unused equipment, files & Campus cleanliness Action conducted at campus.













VILLAGE EXTENSION PROGRAMME DATE: 27.10.2023 – 29.10.2023 Name of the Adopted Village: ATHANGUDI

Alagappa University organizes Village Extension Programme (VEP) (Formerly known as Village Placement Programme) every year for the final year Post Graduate students as a part of their curriculum. Under this programme, students should visit an under developed village and analyze the socio-economic status of the people belonging to various communities and religions. Earlier, nearly eight to nine villages/hamlets around Karaikudi were chosen by four or five Departments, and all the students from different Departments would group and camped in the village for the execution of social work. However, from the academic year 2017-18, a new initiative that 'One Department should Adopt One Village' was taken.



Therefore, the Department of Biomedical Sciences was assigned a village called 'Athangudi' located 24 km away from the Science Campus. The ultimate objective of this programme was to identify the demands and requirements of the village people through conducting a detailed socio-economic survey (bearing questionnaires prepared by the Department of Economics and Rural Development, Alagappa University) and door-to-door awareness programs and/or campaign emphasizing the importance of education, women empowerment, environmental pollution, health and nutrition. The Green & Nagarathar Heritage place-'Athangudi'.

Athangudi is one among the places of itinerant and iconic community "Nagarathars". It is located in Sivagangai District in the State of Tamil Nadu in India. Athangudi is a panchayat with elected members, and forms part of the Kallal Union. Athangudi lies within the Chettinad traditional area. The people of the area learned the art of tile-making and made a trademark of their own in Athangudi. A majority of families in the village are involved in tile production.

Sivan Temple, Athangudi

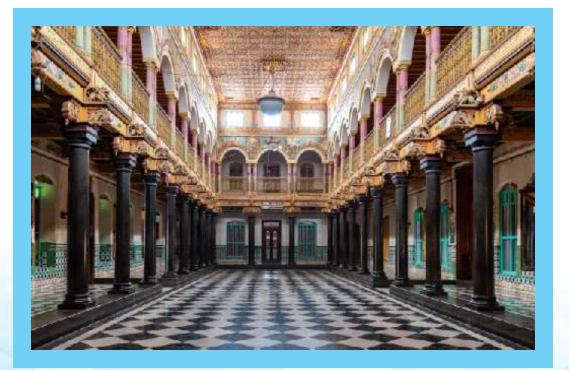
Nagara Sivan temple is a Hindu temple dedicated to Lord Shiva located at athangudi Village, Sivagangai District, Tamilnadu. The original temple must have existed from at least the 6th century CE, as it is referred by Appar. In more recent times, the temple has been under the care, administration and maintenance of the Nagarathar community, and the renovations to the temple include architectural elements that are typical of Chettinadu temples. The vast temple tank – located outside the temple's main entrance - is also well maintained, with architecture work at the four corners as well as alongside the steps leading to the tank in all the cardinal directions. A beautiful garden runs around the entire perimeter. There are separate trees for each of the 27 nakshatrams, in the garden. This line of trees ends with the sthala vriksham – the plantain tree / vazhai – which is in a separate enclosure. The most interesting aspect of this sthala vriksham is that it only grows to a height of 4 feet, and has never been recorded at a greater height.



Athangudi Palace of Chettinad

Athangudi Palace is one amongst the many chettinad heritage palaces that are still maintained well. The Palace is over 100 years old and was built in 1912 by Dr. Annamalai Chettiyar, the founder of the Annamalai University. The palace is a beautiful fusion of European and Asian architecture.





THE WORK SCHEDULE-VEP BASE CAMP AT 'ATHANGUDI' Day 1 - (27.10.2023)

On 27th October 2023, around twenty three students (18 Girls, 5 Boys) coordinated by a Faculty Member Dr. K. Langeswaran , Head of the Department, Department of Biomedical Sciences started from Science Campus at around 8.00 A.M to Athangudi through a tempo traveler. Students reached Athangudi Sivan Temple, at 9.30 a.m. The students were divided into four groups for the environmental cleaning programme. Students started clearing the plastic waste, thorny bushes and other unwanted waste near and around Athangudi shivan temple by 9.30 AM to till lunch. The village President Mrs. Sivagami was present during the cleaning process.





During post lunch, our students completely cleaned the thorny bushes on the back and adjacent sides of Athangudi sivan temple. They also cleaned the sculptures and environment inside the temple till 5.30 p.m.

DAY 2 - (28.10.2023) The Day for "Environment

On the Day 2, our students cleaned the entire area around Athangudi sivan temple. Our honorable Vice Chancellor, Prof. G.Ravi Alagappa University visited our camp at Athangudi village. He viewed the cleaning work done by the students. A meeting was organized in the Nagarathar Sivan temple, Athangudi. Our honorable Vice Chancellor presented a brief speech on the objectives of VEP and its benefits to the village. In his speech, he told the students to create awareness to the village people about cleanliness, prohibition of child marriage, women education. Athangudi Panchayat president Mrs. Sivagami and few residents of that village were present in the meeting.





Department of Biomedical Science – Magazine

VICE CHANCELLOR INITIATES PLANTING OF SAPLINGS

Honorable Vice Chancellor, Prof. G.Ravi Alagappa University participated in the sapling planting event at Sivan Temple, athangudi. He planted saplings on the occasion. Henceforth, our students planted several samples around the Nagara Sivan Temple, Athangudi. After some rest, they continued their cleaning work and also carried out someother useful activities.









DAY 3- (29.10.2023)

On the third day of VEP, an environmental awareness rally was taken out in the street by the students. Our students have organized a public awareness rally which started from Panchayath union elementary school and ended at Nagara sivan Temple covering a distance of around 3 km. The main objective of the rally was to create awareness about the importance of cleanliness in daily life, education of children, higher education, avoiding the usage of plastic, planting trees. During the rally, students raised slogans regarding securing water, rain water harvesting, cleanliness, and awareness about use of plastic and its harmfulness. Students also emphasized the importance of personal hygiene, green and plastic free environment. Then the students surveyed the village to learn about the quality of life and family structure of Athangudi Panchayat people.

On the same day, afternoon Students visited the Athangudi palace. The Athangudi Palace is incredibly grand. And it displays the best of the typical features of a Chettiar home. The open courtyards, elaborate verandah and a gorgeous amalgamation of European and Indian architecture. Students saw its amazing teak wood carvings, magnificent arches and architectural work. A walk down the roads of yesteryear glory reminded our students of the vast, unique and artistically crafted history we are part of. The students also enjoyed exploring through the pavilions and familiarizing themselves with the rich cultural heritage.

After 3 days of soaking up the sights and sounds of the town with people and school, our students hitch a rally to the idyllic outskirts, where you can watch the sunset over the silhouette of the opulent homes framed against the rustic background. It is here that you can appreciate the contrasts of this region – spicy and sweet, luxurious yet practical, bustling but also calming, expansive yet ornate, dusty yet lush. This is Chettinad at its vintage best.













PROGRAMMES CONDUCTED FOR SLOW LEARNERS (REMEDIAL COACHING CLASSES, INDIVIDUALIZED PROGRAMMES) ADVANCED LEARNERS

(CSIR, NET, GATE COACHING CLASSES AND OTHER ENRICHMENT PROGRAMMES)

Student centric methods, such as experiential learning, participative learning and problem solving methodologies such as group discussion, group project, internship, invited lectures by field experts, student presentations, and others used for enhancing learning experience.

The department conducts innovative programs which stimulate the creative ability of students and provide them a platform to nurture their problem-solving skills and ensure participative learning. In addition to the traditional teaching-learning methods, the institute is providing innovative student-centric methods such as Workshops and Seminars.

Faculty members make efforts in making the learning activity more interactive by adopting student-centric methods.

1. Experiential Learning: Department conducts add-on programs to support students in their experiential learning. The department communicates the following experiential learning practices to improve creativity and cognitive levels of the students Industrial Visits to engage them in experiential learning while visiting the organization.

2. Participatory Learning: In this type of learning, students participate in different activities such as seminars, group discussions.









கல்வியும் - கனவும்

ஒடு நீண்ட லநடிய தாலையில் நான் என்னையே தேடிக்கொண்டிருந்த வேளையில் கானல் நீர்பான்ற எனது பயணாடும் தேடவும் தொடர்ந்து தொண்டே தான் கிருந்தது... ஒரு அதக்கனைவோடு நான் இருக்க கல்லிலை என் கனவின் திணையாய் நிற்க தையிரம் சிந்தனைகள் என்னுல் மிறக்க தையிரம் சிந்தனைகள் என்னுல் மிறக்க பாறியாயல் படிக்க வேண்டுவெண்ற என் தன்தையின் — கனவும் தின்று கல்அ என்னும் அற்பனை சந்தையில் என்னால் வாங்க சிடியாமலே போயிற்று....

- இ. நடிராதஸ்லிமா









WARRIORS OF LIFE

Mother, the symbol of love Father, the soul of life Together created a book A symbol of happiness.

Day to night, Without leaving the sight Seconds to years Always hold the hands.

Dusk to dawn Without a mourn Makes me smile For me to go miles.

From daughter to mother From son to father Leaves behind all the pain To up bring the love.

The greatest warrior, with powerful sword Always beside me without a word From gentle touch to gentle kiss Fulfills me without saying much.

The synonym of empathy The purity of love The symbol of kindness Everything of my life.

> *Β*_μ APARNA SANTHOSH, II- M.Sc.,



Head of the Department Dr. K. Langeswaran Honoring Honorable Vice-Chancellor, Prof. G. Ravi with his Photo Painting

