



SETHU INSTITUTE OF TECHNOLOGY

(An Autonomous Institution Accredited by NAAC with A++Grade)
Pulloor, Kariapatti, Virudhunagar (Dist.) – 626 115



Unnat Bharat Abhiyan Co-ordinator

Dr. B. Karthikeyan AP/EEE

Faculty Co-ordinator

Mr. S. Kannadasan AP/EEE

2023-2024

Year	Title of the programme/Activity	Duration (from-to)
2023-2024	Field Visit at Kariapatti	11.03.2023
2023-2024	Collaboration with village	02.12.2023
2023-2024	Technology development Project	28.12.2023
2023-2024	Meeting with official	10.01.2024
2023-2024	Skill Development Program	23.01.2024
2023-2024	UBA Regional Co-Ordinator visit	23.01.2024
2023-2024	The Educational Loan (Vidya Lakshmi portal) Assistance Program	29.01.2024
2023-2024	Grama shaba Meeting	26.01.2024
2023-2024	MOU Signing	06.02.2024

Field Visit at Kariapatti



Dr. R Tamilselvi visited a compound in Anna nagar first street Kariapatti. In this compound totally 3 house (approximately 6 persons) are there. The grey water is collected using PVC pipe and let it flow to the drainage.



Unnat Bharat Abhiyan Sponsored the project “Grey water Recycling System Design and Economical Analysis for Residences in Kariapatti Village done on 11.03.2023

Collaboration with village



Dr. B. Karthikeyan received a permission letter to do service at Kalkurichi village from Mr. Vijayaragavan Secretary of Kalkurichi on 02.12.2023



Dr. B. Karthikeyan received a permission letter to do service at Thonugal village from behalf of Mr. B. Balamurugan President of Thonugal on 02.12.2023



Dr. B. Karthikeyan received a permission letter to do service at S.Kallupatti village from C.Laxmanan President of S.Kallupatti on 02.12.2023



Dr. B. Karthikeyan received a permission letter to do service at Aviyur village from Mrs. R. Dhanalakshmi President of Aviyur on 02.12.2023.

Technology Development Project

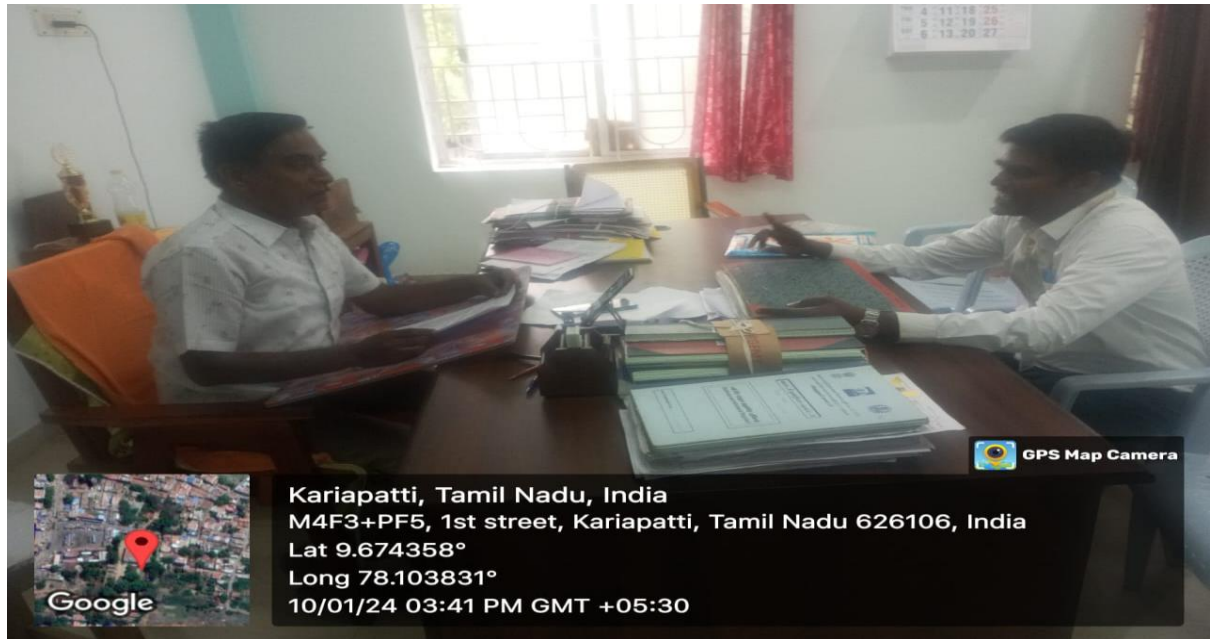


Unnat Bharat Abhiyan Sponsored the project “Efficient Solar Dryer for Farmers” submitted to Kambikudi village people with the presence of the Revenue officer and village administrative officer of Kambikudi, on 28.12.2023. The Head of the Department of Electrical and Electronics Engineering Dr. G. Soundra Devi, Project Investigator Dr. J. Jeyashanthi, Dr. G. Narmadha, Dr. P. Meenalochini, and UBA Co-Ordinator Dr. B. Karthikeyan.



Unnat Bharat Abhiyan Sponsored the project “Design and Implementation of IoT-based Smart Bin for Organic Fertilizer Generation” submitted to Kambikudi village people on 28.12.2023 with the presence of the Revenue officer and village administrative officer of Kambikudi, The Head of the Department of Electrical and Electronics Engineering Dr. G. Soundra Devi, Project Investigator Dr. J. Jeyashanthi, Dr. G. Narmadha, Dr. P. Meenalochini, and UBA Co-Ordinator Dr. B. Karthikeyan.

Meeting with official



Dr. B. Karthikeyan Meeting with Mr.Pothiraj Block Development Officer Kariapatti to explain UBA Activities on 10th January 2024.

Skill Development Program



MSME, &Unnat Bharat Abhiyan Division, Sethu Institute of Technology, Kariapatti, Virudhunagar Jointly Organized Entrepreneurship cum Skill Development Programme on the topic " **Hand Embroidery and Basic Aari Work**" at Kalkurichi, Kariapatti Block from **23.01.2024 to 29.02.2024.(30 days.)**

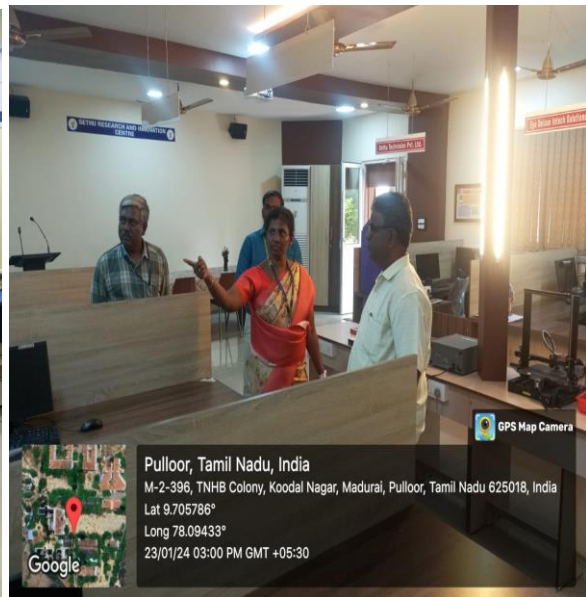


Dr. G.D Sivakumar Principal Delivered the Felicitation address **Hand Embroidery and Basic Aari Work**" at Kalkurichi, Kariapatti Block from **23.01.2024 to 29.02.2024.(30 days.)**

UBA Regional Co-Ordinator visit



Dr. K. Ravichandran, Regional Co-ordinator UBA, Mr.G.Simiyon, Deputy Director MSME meeting with Dr. G.D.Sivakumar Principal Sethu Institute of Technology on 23.01.24.



Dr. K. Ravichandran, Regional Co-ordinator UBA, and Mr. G. Simiyon, Deputy Director MSME Visited the incubation centre at Sethu Institute of Technology on 23.01.24.

The Educational Loan (Vidya Lakshmi portal) Assistance Program



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‘NOT ME BUT YOU’

NATIONAL SERVICE SCHEME

in Association with

UNNAT BHARAT ABHIYAN



Organizes a Program on

EDUCATIONAL LOAN (VIDYA LAKSHMI PORTAL) ASSISTANCE PROGRAM

RESOURCE PERSON

Mr. R. Pandiselvan

Lead District Manager, Lead Bank Office - Virudhunagar District



29 January 2024
2:00 PM to 4:15 PM



ECE Seminar Hall

PATRONS

Mr.S.Mohamed Jaleel

Founder & Chairman

Mr.S.M.Seeni Mohaideen

Chief Executive officer

Mr.S.M.Seeni Mohamed Aliyar Maraikkayar

Joint Chief Executive officer

Ms.S.M.Nilofer Fathima

Director - Administration

Dr.S.M.Nazia Fathima

Director - R & D

Dr.A.Senthil Kumar

Advisor

Dr.G.D.Sivakumar

Principal

CONVENERS

Mr.S. Kannadasan

Programme Officer

National Service Scheme

Sethu Institute of Technology

Dr.B.Karthikeyan

Co-Ordinator - Unnat Bharat Abhiyan

Programme Officer- National Service Scheme

Sethu Institute of Technology



NSS unit & Unnat Bharat Abhiyan Sethu Institute of Technology jointly organized **"The Educational Loan (Vidya Lakshmi portal) Assistance program"** held on 29.01.24. Mr. R. Pandiselvan Lead District Manager Lead Bank Office - Virudhunagar District delivered a speech about Educational loans.



Participants of The Educational Loan (Vidya Lakshmi portal) Assistance program

Grama shaba Meeting



Unnat Bharat Abhiyan (UBA) division participated in the "Gramasabha" Meeting at Kalkurichi, on 26.01.24. UBA Team: Dr.B.Karthikeyan AP/EEE & Mr.S.Kannadasan AP/EEE



Dr.B.Karthikeyan AP/EEE participated in the "Gramasabha" Meeting at Thonugal, on 26.01.24.



Unnat Bharat Abhiyan (UBA) division participated in the "Gramasabha" Meeting at S.Kallupattii, on 26.01.24. UBA Team: Dr.B.Karthikeyan AP/EEE & Mr.S.Kannadasan AP/EEE



Dr. B. Karthikeyan AP/EEE participated in the "Gramasabha" Meeting at Kambikudi, on 26.01.24.

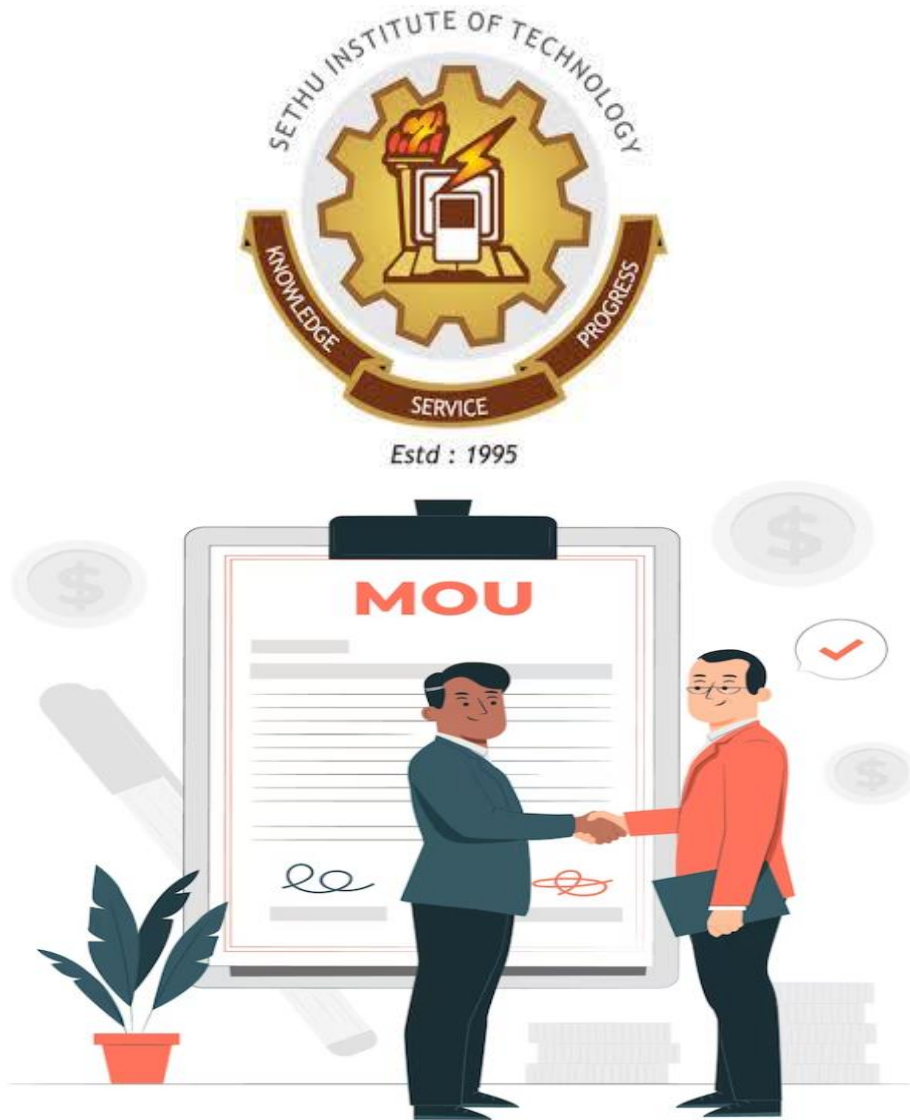


Mr.S.Kannadasan AP/EEE participated in the "Gramasabha" Meeting at Aaviyur, on 26.01.24.



Mr.S.Kannadasan AP/EEE participated in the "Gramasabha" Meeting at Aaviyur, on 26.01.24.

MOU Signing





MoU signed Sethu Institute of Technology with Saradha Krishna Homeopathic Medical College Kanyakumari.

2024-2025

Sl.No	Title of the programme/Activity	Duration (from-to)
1	Gram Shaba Meeting	15.08.2024
2	Award Ceremony	07.09.2024
3	MoU Signing	07.09.2024
4	Project proposal development workshop on Rural Livelihood and Entrepreneurship development	30.09.2024
5	Gram Shaba Meeting	02.10.2024
6	Training on Grama panchayat Development plan	21.10.2024- 22.10.2024
7	National-level workshop on “Innovative Technologies for Rural Development”	17.12.2024
8	Gram Shaba Meeting	26.01.2025

1.Gram Shaba Meeting



Dr. B. Karthikeyan & Mr. S. Kannadasan participated in the "Gramasabha" Meeting at Aviur and Kambikudi, on 15.08.24.

2. Award Ceremony



Our college was selected as the Best-Performing Unnat Bharat Abhiyan(UBA) Institution for the year 2023-24 among 150 colleges in the Southern Region of Tamil Nadu, an award ceremony was held on 07.09.2024 at Gandhi gram Rural Institute (DTBU), Gandhi gram, Dindigul.

Award Ceremony



Best-Performing Unnat Bharat Abhiyan(UBA) Institution Award

Award Ceremony



Best-Performing Unnat Bharat Abhiyan (UBA) Co-ordinator Award

3. MoU Signing



MOU Signed with Gandhi gram Rural Institute (DTBU), Gandhi gram, Dindigul on 07.09.2027.

4. Project proposal development workshop on Rural Livelihood and Entrepreneurship development



Dr. B. Karthikeyan participated Project proposal development workshop “Rural Livelihood and Entrepreneurship Development” on 30.09.204 at Gandhigram Rural Institute (DTBU), Gandhigram, Dindigul.

5. Gram Shaba Meeting



Our students participated in the "Gramasabha" Meeting at Kalkurichi, on 02.10.24.

6. Training on the Grama panchayat Development plan



Dr. B. Karthikeyan & Mr. S. Kannadasan participated in training on capacity building to faculties of Academic institutions and institution excellence on Handholding support to the participation of GPDP at State Institute of Rural Development & Panchayat Raj Chengalpattu.

7. National-level workshop on “Innovative Technologies for Rural Development”

<h3>About the College</h3> <p>Sethu Institute of Technology is one of the premier institutions in Tamil Nadu bloomed in 1995. The college is situated in the NH 45 B Madurai-Tuticorin National Highway, in a sprawling area of 135 acres in the outskirts of Madurai city. The college currently offers 16 UG and 5 PG Programmes. It is Accredited with 'A++' grade by NAAC and Six of the UG Programmes and Four of the PG Programmes have been accredited by National Board of Accreditation (NBA), New Delhi.</p>  <p>Sethu Institute of Technology, the brainchild of our Founder & Chairman, Mr. S. Mohamed Jaleel, has been rendering its noble service since 1995 catering to the sustained growth of the educationally, industrially and economically backward rural areas. The college started with 180 students in the year 1995 with three UG Programmes has recorded a stupendous growth of expanding to the strength of 4800 students.</p> <h3>About the Workshop</h3> <p>This workshop is a significant initiative aimed at exploring and promoting technological advancements that can drive sustainable development in rural areas. Organized under the umbrella of the Unnat Bharat Abhiyan (UBA), the workshop serves as a platform for sharing knowledge on cutting-edge technologies that can address rural challenges in areas such as agriculture, energy, water management, education, and healthcare.</p>	<p>Through this workshop, participants will also explore collaborative strategies for empowering rural population, bridging the gap between research and practical application and facilitating the active involvement of educational institutions in rural transformation.</p> <h3>Need of this Workshop</h3> <p>Innovative technologies offer the potential to overcome these barriers, improving the overall quality of life for rural populations. There is a need to translate innovative technology into real-world applications for rural development.</p> <h3>Objectives of this Workshop</h3> <ol style="list-style-type: none">1. To identify and encourage the adoption of innovative, cost-effective, and sustainable technologies that can address the unique challenges faced by rural communities.2. To equip rural communities with the necessary innovative technological tools, skills, and knowledge.3. To create a platform for knowledge sharing, between UBA Coordinator and participants from various institutions. <h3>Outcomes of this Workshop</h3> <ol style="list-style-type: none">1. Participants will identify and evaluate innovative, scalable technologies that can be implemented in rural areas.2. The workshop will strengthen innovative technologies into practical applications that benefit rural communities.3. The event will foster a network of experts, encouraging the ongoing exchange of knowledge, best practices, and technological innovations for rural development across various sectors. <h3>Eminent Resource Persons</h3> <p>The Resource persons drawn from UBA, Rural Development Institutions, NGOs, Academicians and Field Workers.</p> <p>Registration QR CODE</p>  <p>Participants Faculty Members & Students</p>	<h2>NATIONAL LEVEL WORKSHOP</h2> <p>on * Innovative Technologies for Rural Development *</p> <p>17th December, 2024</p>  <p>उन्नत भारत अभियान UNNAT BHARAT ABHIYAN</p> <p>NBA INNOVATION COUNCIL INSTITUTION'S INNOVATION COUNCIL Director of Innovation Council A++ NAAC</p> <p>ORGANIZED BY Unnat Bharat Abhiyan Sethu Institute of Technology & Unnat Bharat Abhiyan Regional Coordinating Institute, Gandhigram Rural Institute (DTBU), Gandhigram.</p> <p>SETHU INSTITUTE OF TECHNOLOGY (An Autonomous Institution) Accredited with 'A++' Grade by NAAC Pulloor 626 115, Kaniyapatti Taluk, Virudhunagar District, Tamil Nadu. WEBSITE : WWW.SETHU.AC.IN</p>
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Methodology

The primary aim of the workshop is to explore and discuss how innovative technologies can be applied to solve key challenges in rural development. The Resource Person will present a comprehensive lead paper that sets the context for the event. UBA Co-Ordinator will present innovative technology papers from various institutions. It will cover the latest trends and advancements in innovative technologies that can be adapted for rural development.

Programme Schedule

Registration	- 09.30AM - 10.00AM
Inaugural function	- 10.00AM - 11.00AM
Tea Break	- 11.00 AM - 11.15AM
Technical Session I	- 11.15 AM - 01.00 PM
Lunch Break	- 01.00 PM - 2.00 PM
Technical Session II	- 02.00 PM - 03.30 PM
Tea Break	- 03.30 PM - 03.45 PM
Valedictory function	- 03.45 PM - 04.15PM

Organizing Committee

Dr.P.R. Rajkumar ASP/Mech,
Mrs.R. Maheshwari AP/CSE,
Mr.A.Nagaraj AP/ECE,
Mrs.Yasmin Jennifer AP/IT,
Mr.B.Palanikumar AP/Civil,
Dr.S.Ayyanar ASP/Agr,
Dr.N.Mahalakshmi HoD/BME,
Mr.M.Sarathkumar AP/CSEBS,
Mr. M. Dhatchinamoorthy AP/Chemical,
Dr.S.Mariaamalai AP/BioTech,
Mrs.M.Jeevanadha AP/CSD,
DR.S.Rathnamala HoD/AI&DS,
Mrs.S.Gospelina Christina AP/AI&ML,
Mrs.A.Saranyaidevi AP/Cyber
Dr.M.Sivaramasundaram ASP/Phy.

About the Unnat Bharat Abhiyan (UBA)

The UBA received formal inauguration on November 11, 2014. UBA originated from the endeavors of a dedicated group of faculty members at the Indian Institute of Technology (IIT) Delhi, possessing expertise in rural development and appropriate technology.

Vision

Unnat Bharat Abhiyan is inspired by the vision of transformational change in rural development processes by leveraging knowledge institutions to help build the architecture of an inclusive India and to have a paradigm shift in academic and research programs of the country.

Mission

Develop the necessary mechanism and proper coordination among educational institutions, implementation agencies (District administration / Panchayats / Raj institutions) and the grassroots level stakeholders to enable effective intervention at the field level.

Select suitable rural clusters and effectively participate in the holistic development of these clusters using eco-friendly sustainable technologies and local resources, creating sufficient employment opportunities in the process, harnessing multifarious government schemes, customized use of existing technologies and use of knowledge as per the local needs.

Reorienting the academic curricula and research programs in higher educational institutions to make them more responsive to the needs of the time and to bring in holistic development and enrich knowledge of students about issues of villages/society.

Objectives of Unnat Bharat Abhiyan 2.0

1. To engage the faculty and students of Higher Educational Institutions in understanding rural realities.
2. To identify & select existing innovative technologies, enable customization of technologies, or devise implementation methods for innovative solutions, as per the local needs.
3. To leverage the knowledge base of the educational institutions for effective implementation of various government programmes.

Organizing Committee

Chief Patron
Mr.S.Mohamed Jaleel,
Founder & Chairman.

Mr.S.M.Seeni Mohaideen,
Chief Executive Officer.

Mr.S.M.Seeni Mohamed Aliar Maraikkayar,
Joint Chief Executive Officer.

Ms.S.M.Nilofer Fathima,
Director - Administration.

Dr.S.M.Nazia Fathima,
Director - R&D.

Patron
Dr.G.D Sivakumar,
Principal,
Sethu Institute of Technology.

Convenors
Dr.B.Karthikeyan,
Associate Professor/EEE,
Sethu Institute of Technology.
Mobile:9842652195

Mr.S.Kannadasan,
Assistant Professor/EEE,
Sethu Institute of Technology.
Mobile:9047081311



Our Founder & Chairman Mr. S. Mohamed Jaleel honored the Chief Guest Prof.N. Panchanathan Vice Chancellor GRI.



Principal Dr. G. D. Sivakumar delivered the felicitation address.



Our Founder & Chairman Mr. S. Mohamed Jaleel honoured the Chief Guest Prof.K. Ravichandran, Regional co-ordinator GRI.



Prof.K. Ravichandran, Regional co-ordinator GRI delivered a Special address.



Principal Dr. G. D. Sivakumar honored the Chief Guest Dr.E.Somasundaram, Regional co-ordinator Tamilnadu Agriculture University Coimbatore, at the valedictory function.



Dr.E.Somasundaram, Regional co-ordinator Tamilnadu Agriculture University Coimbatore delivered valedictory address.



8. Gram Shaba Meeting



Our students participated in the "Gramasabha" Meeting at Kalkurichi, on 26.01.25.