St. PETER'S
INSTITUTE OF HIGHER EDUCATION & RESEARCH
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Avadi, Chennai – 600 054, Tamil Nadu.

ANNUAL PROGRESS REPORT FOR SDG 1 – 2024

17.3.1. University publishes progress against SDG 1

First SDG goal promotes the idea of "NO POVERTY," which seeks to end poverty in all of its manifestations, everywhere. By 2030, the ultimate goal is to guarantee that all men and women, especially those in vulnerable situations, have equal access to economic resources, basic services, inheritance, land and other property ownership and control, financial services, including microfinance, and suitable new technology. In order to effectively reduce poverty, higher education institutions play a crucial role. Through our teaching-learning strategies and practices, SPIHER always work to uphold the "No Poverty" credo.

SPIHER is dedicated to advancing SDG 1 by implementing initiatives that promote sustainable development, improve livelihoods, and empower marginalized communities. Through academic programs, community outreach, and partnerships, SPIHER is working towards a world where poverty is eradicated and opportunities for prosperity are accessible to all.

Field Research on Rural Livelihood

Name of the Event: Field Research on Rural Livelihood
Date of the Event: 25th October 2024
Time: 10:30 AM
Venue: Konambedu and Narayanapuram Villages
Organized By: Department of Computer Science & Engineering in association with National Service Scheme (NSS)
Project: Human Values & Ethics (BMG246)

The Department of Computer Science and Engineering in association with the National Service Scheme (NSS) organized a **Field Research on Rural Livelihood** as a part of the **Human Values and Ethics (BMG246)** curriculum. The program was conducted on **25th October 2024** at **Konambedu and Narayanapuram villages**, aiming to understand and analyze various aspects of rural livelihood, sustainability, and development.

The initiative was aligned with key **United Nations Sustainable Development Goals (SDGs)** including:

- No Poverty (Goal 1)
- Good Health and Well-being (Goal 3)
- Quality Education (Goal 4)
- Clean Water and Sanitation (Goal 6)
- Affordable and Clean Energy (Goal 7)
- Decent Work and Economic Growth (Goal 8)

Outcomes:

- Enhanced student awareness on rural development and socio-economic issues.
- Promoted community engagement and service-based learning.

- Fostered empathy and ethical responsibility among students.
- Provided practical insights into the implementation of SDG-related initiatives in rural areas.
- Strengthened interdepartmental collaboration between CSE and Economics faculties.

Programme Brochure

Students team for visiting rural people

Student's interaction with rural people

Public links

https://www.instagram.com/p/DBiYRZuPxGk/?igsh=MWZweHFuaTJsMGFpZg==

https://www.linkedin.com/posts/spiherchennai_rurallivelihood-humanvalues-nss-activity-7255466346321215488-_asm?utm_source=share&utm_medium=member_android

https://x.com/SpiherIndia/status/1849700804258562051?t=hQgTmUt18fi1thKJoEi8Ww&s=19

https://www.facebook.com/share/1q3fSnzuNpWg3g1p/

RESEARCH PUBLICATIONS RELEVANT TO SDG 1-NO POVERTY IN 2024

1. A. A. G. Anitha and S. Panneerselvam, **"Rancher's Awareness on Government Care in Marketing of Farming Crops,"** *Educational Administration: Theory and Practice*, 2024.

Rancher's Awareness on Government Care in Marketing of Farming Crops

Ms Anitha A.G*, Dr. S. Panneerselvam*

*Scholar in St Peters Institute of Higher Education and Research, Email: anitaianu@gmail.com
*Professor & Supervisor in St Peters Institute of Higher Education, And Research

ARTICLE INFO	ABSTRACT
	Larger part of the families in India picked agriculture as their favoured work for living, however the present rancher face confronting issues and difficulties. One of the significant issues of agribusiness is neglected to gauge or obsession of costs for items due to ignorance, bombed gauge interest, absence of mindfulness about innovation, fizzled choose what to create and when to deliver, numerous farmers are occasional producers, many are relying upon storm, absence of use of assets, water issues, need drives by state run administrations and absence of mindfulness about government plans and brokers impedance in sales. Rising changes in farming like electronic market, model demonstration, warehousing, promise advance, contract cultivating, and so on are introducing open doors for new organizations of business sectors which are successful in answering to request and supply. These changes will require speculation. India is a worldwide forerunner in the creation of heartbeats and milk, second in foods grown from the ground, tea, sugarcane, and cotton and third in oats. One in each five people in the nation is poor. Electronic National Agriculture Market (e-NAM) for farming showcasing can be viewed as an innovation which will acquire a social change market. Approachable, widespread and innovative markets definitely assist farmers. Government should bring awareness to our farmer's regarding sale of produce through e-NAM throughout India. **Keywords:** *Issue of agribusiness; Electronic National Agriculture Market (e-NAM); government assistance; Farming crops.*

Introduction

Agriculture is the most customary and legacy work of the country, 65 percentage of the business made and 16 percentage of GDP commitment by the agriculture area. Greater part of populace of India lived in provincial region and their business is agribusiness, numerous farmers are relying upon rainstorm for developing harvests exceptionally less level of the ranchers having water system office. Government set out many open doors for promoting of agricultural items yet those offices covered by mediators and specialists. Numerous ranchers are unskilled and not mindful regarding innovation, market investigation and costs. Ranchers are relying upon customary strategy for creation and which are chosen by top of the family. With agriculture farmers can run poultry cultivating, dairy cultivating and become the business rancher. Indian agriculture has become progressively market situated and popularized. During 1950s, around 35 percentage of produce was cultivated, and then it increased to 70 percentages. 25 percentages of products like milk, meat, fish and eggs are spoilt due to lack of proper storage. The assessed misfortunes in products of the soil are considerably higher, 30-40 percentage. **(8)**

The government has set an objective of multiplying rancher pay by 2024. It is going to different lengths and a multi-pronged way to deal with help farmers, right from planting to collect to deals. The government has declared a venture of Rs 1.5 lakh crore to fabricate farm entryway framework and backing operations needs for ranchers and related networks. The work deficiencies have affected crop gathering by and large. In spite of customarily being an agrarian economy, agriculture in India has been tormented by earth animated issues around low yield and harvest disappointment. These have come about because of flighty climatic circumstances or from its dependence on informal farming practices because of an absence of schooling. For example, finished or under-water system, absence of successful harvest turn, and sub-standard utilization of manures altogether sway soil ripeness after some time, accordingly hampering yield levels. The issues can be

- The focus on **"rancher's awareness"** and **government care in marketing of farming crops** directly relates to the livelihoods of farmers and ranchers, who are often among vulnerable and low-income groups.
- Effective **government support and marketing mechanisms** for farming outputs help improve income stability, reduce exploitation in markets, and support rural economic resilience, which are central aims of **SDG 1 – No Poverty**.

- By examining awareness of government care in crop marketing, the paper implicitly addresses **access to information and support schemes** that can lift small producers and ranchers out of poverty or prevent them from falling into it.

2. B. Rajakumar, R. Mahaveerakannan, R. Rajesh Sharma, Sangaralingam Pushpa, "*Advanced Data Science Techniques for Predicting Financial Crises in SMEs: A COA-FS and LightGBM Framework*", : *2024 Asian Confer+ence on Intelligent Technologies (ACOIT),*

This directly supports the spirit of SDG 1 (No Poverty), particularly targets related to building the resilience of the poor and those in vulnerable situations and ensuring equal rights to economic resources. By helping SMEs remain stable and resilient, the research indirectly protects jobs, household incomes, and local livelihoods. Therefore, even though the paper is technical in nature, its application domain—preventing financial crises in SMEs—has a clear poverty-reduction impact, justifying its alignment with SDG 1.

THESIS SUBMITTED IN THE YEAR 2024 RELEVANT TO SDG 1-NO POVERTY

1. *A Study on Farmer's Perception towards Government Assistance in Enhancing Marketability of Agricultural Products in Thiruvallur District*

- This thesis directly concerns **farmers**, who are often economically vulnerable and at high risk of falling into or remaining in poverty.

- By studying how farmers perceive **government assistance for marketing their produce**, it looks at whether they are able to access schemes and support that can improve **income, price realisation, and market stability**.

- Effective government assistance in marketing can lead to **better earnings, reduced exploitation by middlemen**, and more stable livelihoods for farmers.

- This is closely aligned with **SDG 1 targets** related to ensuring equal access to economic resources, social protection systems and building resilience of the poor (e.g., SDG 1.4 and 1.5).

2. *Impact of Occupational Health, Safety and Hygiene Measures on Sanitation Workers' Well-Being with Special Reference to Chennai City – An Empirical Study*

- Sanitation workers are typically among the **most marginalised and low-income groups**, often working in precarious and unsafe conditions.

- The thesis focuses on **occupational health, safety and hygiene measures**, which directly affect their **ability to work, avoid illness/injury, and maintain stable income**.

- Poor working conditions can trap workers in a cycle of low productivity, high medical expenses and job insecurity—factors that contribute to **persistent poverty**.

- By examining how better health and safety measures improve **well-being and work life**, the study connects to SDG 1 through **reducing vulnerability of the working poor** and promoting conditions that help them **escape or avoid poverty** (again relating to SDG 1.3 and 1.5).

3. *A Study of Quality of Work-Life of Employees in Pharmaceutical Industries in Chennai City*

- This thesis looks at **quality of work-life (QWL)**, which includes job security, fair wages, work environment, and work–life balance—key determinants of whether workers can live **above the poverty line** and maintain a dignified life.

- When QWL is low, employees may face **stress, job insecurity, low pay and limited benefits**, which can push them toward or keep them in **economic hardship**.

- By analysing QWL in an industry that employs a substantial workforce, the study contributes to understanding how **decent work and better employment conditions** support **income stability and reduced poverty risk**.

- This links to SDG 1 through its overlap with **decent work, fair income and social protection**, important levers for preventing working poverty.

Percentage of students admitted with scholarship from the bottom 20% of the house-hold income group

Students Admitted from Bottom 20% Income Group
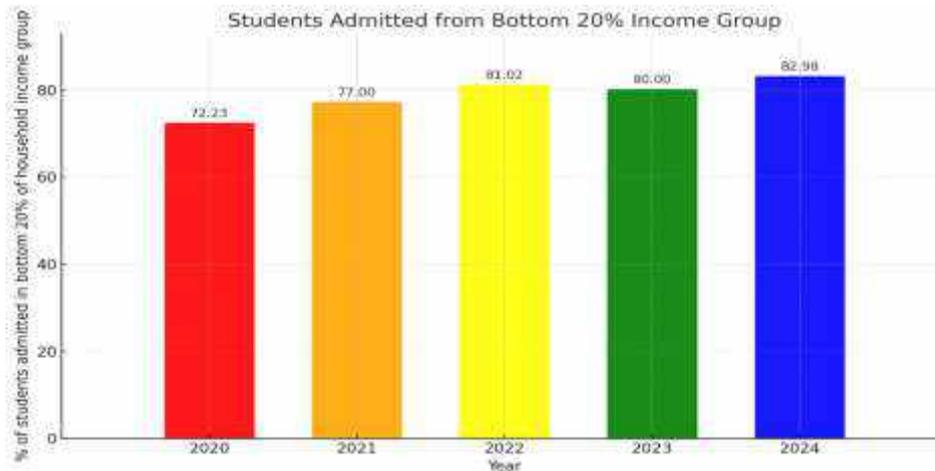
Setting a target to admit 75% or more students whose annual household income is ₹3,00,000 or below (bottom 20% of the income group in India) based on the demand shows that the Institute is sincerely committed to supporting students who face the greatest financial and social barriers to higher education. Rather than treating inclusivity as a broad intention, the Institute is making a clear and measurable commitment to ensure that students from the lowest income bracket are strongly represented in its admissions.

To achieve such an ambitious target, the Institute would need to take active steps to reach and support students from economically disadvantaged backgrounds. This could include building long-term partnerships with schools in underserved areas, offering financial assistance and fee waivers, and ensuring the admissions process takes into account the challenges faced by students from households earning ₹3,00,000 or less. Outreach programmes, mentorship initiatives, and the use of contextual evaluation would help create a fairer system for these applicants.

By aiming for such a high proportion of entrants from this income group, the Institute sends a powerful message that financial background should never determine access to quality education. This commitment can help address long-standing inequalities and give talented students from the bottom 20% income bracket a genuine chance to grow academically and professionally. In the long run, such an approach benefits not only individual students but also the broader community, as more young people from low-income households gain opportunities to improve their lives and contribute meaningfully to society.

SPIHER Fee Structure for the Academic Year 2024-2025

Fee Particulars	B.E. / B.Tech. / B. Arch.
Tuition Fee	Rs.87,500
University Recognition, Registration & Sports Fee, Calendar, NSS, ID Card, UNI Study Care Group Policy, Etc.	Rs.12,500
Total	**Rs.1,00,000**

SPIHER SCHOLARSHIP SCHEME 2024-25

PCM/BPC aggregate scored by the student in their Board Exams

Branches	PCM/BPC aggregate	Percentage of Scholarship in Tuition Fee	Tuition Fee with Scholarship
B.E./ B.Tech./ B. Arch.	Above 95%	75%	Rs. 21,875
	80-94%	50%	Rs. 43,750
	70-79%	25%	Rs. 65,625

Hostel Fee - Rs.65,000

PLACEMENT PARTNERS

HCL, CADS, IBM, flex, accenture, Dhyan, CSS CORP, amazon, Spiders, SORSA INFORMATICS, Infosys, DELL, RfT, CarsParen, Dalmia

INDUSTRY INTERACTION

* Technology Business Incubator
* MSME Business Incubator
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* AWS Academy
* C-DAC
* Lema Labs
* ICT Academy
* Texas Instruments
* TCSiON

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- Coaching for competitive exams – UPSC, TNPSC, GATE, SSC, Bank Exams
- Entrepreneurship Development Programmes

CAMPUS ADDRESS

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+91 94458 38085 / 63694 09587

www.spiher.ac.in

NGO SCHOLARSHIP RCEIVED BY EWS (LOW-INCOME) GROUP STUDENTS

Dr.A.P.J. ABDUL KALAM EDUCATIONAL & CHARITABLE TRUST
38/39, Coramandal Town, Ambattur Industrail Estate, Chennai - 600 098
Founder & President
Dr. T. ILANCHEZHAIN

Date: 07.10.2024

To

The Principal

St-Peter's Institute of Higher Education and Research

Annenur Avadi, Chennai- 600054.

SP24CPU103

Sir,

I am T. Ilanchezhian, Founder of Dr APJ Abdul Kalam Educational and Charitable Trust

Wish to state that i have give a Cheque No 000030 for RS 22,500/ (Twenty Two Thousand Five Hundred) to your student S.Madhan studying in Bsc CS For His Studies Favour of your institute . Kindly acknowledge of cheque with regards.

With Kind Regards

Dr. A.P.J ABDUL KALAM
EDUCATIONAL & CHARITABLE TRUST

Trustee/Founder

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Please sign above name of street off

"000030" 600240043: 026774" 29

GOVERNMENT SCHOLARSHIP PORTAL FOR EWS STUDENTS

Around 187 low-income group students have received government scholarship in the year 2024

Outreach programmes organized for low income group School Students

Brochure of the event to train students who fall into the bottom 20% of household income group

Students in the bottom 20% of household income group trained on Excel with Hands-on Practice

Students in the bottom 20% of household income group trained on Excel with Hands-on Practice

Participating students from low-income giving their feedback on th effectiveness of the program

Percentage of Students Successfully completed graduation from low-income group Vs. 85% of target set by the institution

Percentage of EWS students successfully graduated who fall into the bottom 20% of household income group Vs Target set by the Institution
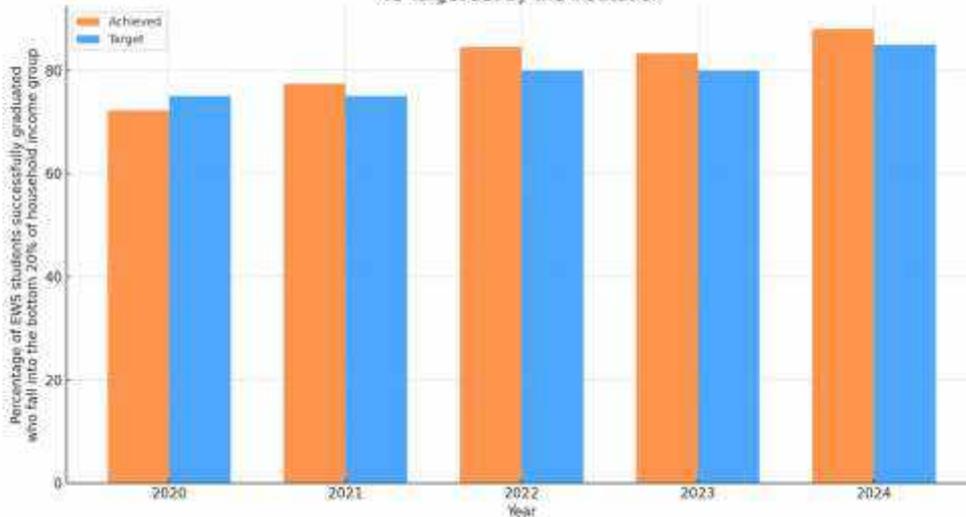
Free/Subsidized Food, Travel and Accommodation facilities provided to students

Regular Inspection carried out in Canteen to ensure the quality of food supplied to students

Skill Development Activities for Students

The "Drive to Thrive: Empowering Students Success" event was held on the 10th of July, 2024. This initiative was aimed at enhancing the academic and personal growth of students through a series of motivational talks and resourceful sessions.

Horning the Entrepreneurship skills among Students

SPIHER TBI team organized Entrepreneurship program for the students. Startup mentoring is necessary because it offers valuable insights and guidance to early-stage entrepreneurs, helping them make informed decisions, avoid common pitfalls, and accelerate their business growth. Mentors provide knowledge, networking opportunities, and emotional support, contributing to a startup's success by enhancing its strategic direction, problem-solving, and adaptability in a competitive market.

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Brochure of Inter-School Sports Fest organized by SPIHER on 29th & 30th Jan, 2024. Free food and accommodation facilities are provided to the participants.

SPIHER invites local community school students to the campus, Inter school competitions are conducted. Free food and transport facilities are provided to the students.

Description	Amount	Total
1. Kabaddi	I Prize – Rs 3000 II Prize – Rs 2000 III Prize- Rs 1000	6000
2. Throwball	I Prize – Rs 3000 II Prize- Rs 2000 III Prize- Rs1000	6000
3. Handball	I Prize – Rs 3000 II Prize -Rs2000 III Prize-Rs1000	6000
4. Kho Kho	I Prize- 3000 II Prize- 2000 III Prize- 1000	6000
5. Overall- Winner Trophy	4*1000	4000
6. Overall- Runner Trophy	4*750	3000
7. Medal	150*50	7500
8. Certificate	500*12	6000
9. Official Total		21600
10. Lunch(Day 1)	2 days	30000
11. Lunch(Day 2)	600*50	15000
12. Shamiyanu Panthal Watercase	300*50	5000
13. Invitation & Press and Media		13000
14. Miscellaneous		5000
Total		134,100

Permission letter seeking budget to provide free food and accommodation for students participating in various sports events.

Number of programmes organized to assist students from low-income group to complete studies
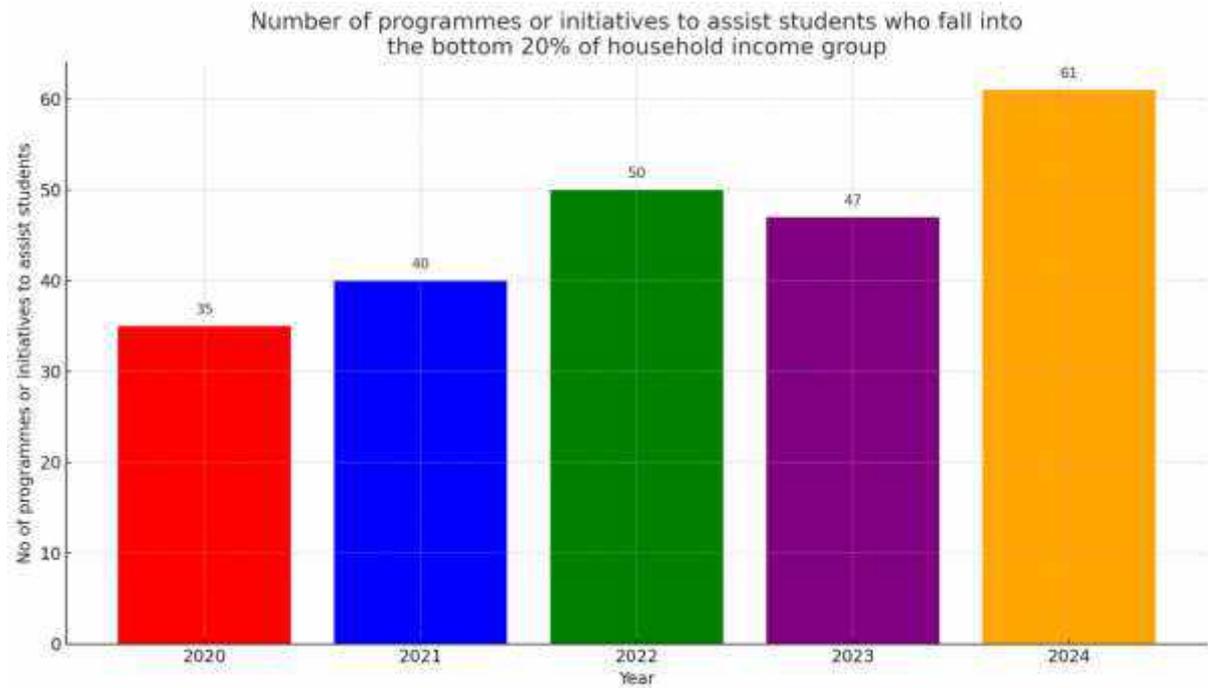
Number of programmes or initiatives to assist students who fall into the bottom 20% of household income group

Programmes or initiatives to assist students who fall into the bottom 20% of household income group in the Year 2024

ST.PETER'S INSTITUTE OF HIGHER EDUCATION & RESEARCH
LIST OF EVENTS CONDUCTED AT SPIHER TO EMPOWER THE EWS STIDENTS TO COMPLETE THEIR STUDIES

S.No	Date	Program	Event / Title	Organizing Depar	Resource Perso
1	23.01.2024	Exposure visit	Exposure visit to pre-incubation unit	CSE, ECE & IT	
2	16.02.2024	Workshop	" Molecular Phylogeny of Cynobacteria "	Bio Tech	Prof. N. Thajuddi
3	19.01.2024	Workshop	Watwinal Starup Day	Mathematics	Sadagopan Raju
4	10.02.2024	Workshop	Workshop on PCR and its application	Bio Tech	Dr.c.Navvi (Ph.D)
5	12.02.2024	Guest Lecture	"Recent Trends in Biotechnology"	Bio Tech	Mrs. Christina Augustin, PGT Biology & Chemistry
6	13.03.2024	Darwing Comptiti	Sketch you thoghts	Civil	
7	12.04.2024	IIC	Intellectual Property Right & Ip management for Start Up	Civil & IIC	Dr.Rajeshkuma r
8	15.03.2024	IIC	Global consumer right event		Prof.c.Dhandap ani(PhD)
9	15.04.2024	IIC	Yuki Innovation Challenge-2024	Spiher	
10	10.07.2024	Drive to Thrive	Empower student Success	Mechanical Engin	Mr.Sathish kumar
11	05.07.2024	Seminar	An Empowering Session on Mindfulness	IT & Commerce	Dr.S.Smillee Bose
12	10.07.2024	Workshop	Artificial Intelligence and Internet of things(IoT)	IT & Commerce	Dr.S.Tamilarasi
13	22.07.2024	Workshop	Full Stack Development using python Framework DJANGO	Computer Science	Mr.J.Saravana kumar
14	22.07.2024	Seminar	SUSTAINABILITY 4.0 AND ITS APPLICATIONS IN PHARMACEUTICAL	Chemistry	
15	23.07.2024	Conduction	Essentials & Scops of a technology Tranfer		Mrs.Vanishree Sadasivam
16	24.07.2024	NSS unit of Spiher	Awaeness on Blood Cancer & Blood Stem Cell Transplantation	NSS unit of Spiher	Mrs.Ashitha Steffi.J
17	24.07.2024	Guest Lecture	Introduction to Biomechanics	Biomedical Engin	Dr.D.Chandram ohan
18	25.07.2024	Seminar	PI-Approximation Day	Mathematics	Mr.S.Vengates waran
19	25.07.2024		Exploring Cutting EDGE Techonologies for Acadmic Projects	Meachanical Engineering	
20	30.08.2024	National Day	Small Industry day	MBA	
21	6to10-08-202	A Technical Disco	1:Trends,Insights and Opportunities	Mechanical Engin	Mr.S.kiran kumar,Mr.Abe buker

Industry outlook series

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22	19.07.2024	Seminar	Artifical Intelligence in Chemistry - The Future of Scientific Discovery	Chemistry	Mr.T.A Benjamin
23	22.07.2024	Seminar	sustainable 4.0 and itsapplications in pharamcestical Industry	Chemistry	Mr.Sanjay Kumar
24	06.08.2024	Guest Lecture	AI for Scientfic Discovery in Physics	Physics	Dr.rR.Surekaha
25	14.08.2024	Online Session	Angel investment/ VC Funding Opportunity for Early Stage Entrepreneurs	Civil Engineering i	Dr.Manisha Raj, Prof, Symbiosis International (Deemed) University
26	20.08.2024	Entrepreneurs Da	Innovation and Starup plan in life Sciences Ecosystem	Microbiology	Dr. Lavakumaran vuppalapatti
27	23.08.2024	Special Lecture	Spectroscpic Techniques -Innovation and applications	Chemistry	Dr.M.Vemkatraman
28	28.08.2024	Innovation and En	Exploring Entrepreneurial Motivated Approach in Chemistry	Chemistry with IIC	Dr. Sayeeda Sultana
29	29.08.2024	Guest Lecture	Topic- Evolution of Start- up from Conceptualization to commercialization		Mr. M. Sriraaman
30	29.08.2024	Seminar	Personality Development, Emotional Intelligence and Menstrual Hygiene	Women Empowe	Speaker- V.K. Krishnaveni
31	29.08.2024	Start-up Competit	Intra Institutional Start-Up Competition & Reward Start-ups	Biotechnology & I	Chief Guest - Dr.M. Krishnaraj
32	30.08.2024	Seminar	National Small Industry Day	Management Stud	Mr. B. Srinivasan Kavin Teja
33	30.08.2024	Seminar	Humanoid Hub 2024-25 (Biomedical Engineering Club) - Healthcare Insights of India and Advancemens in Medical Devices	Biomedical Engine	Mr. Praveen Kumar
34	31.08.2024	FDP	Introduction to Universal Human Values	Chemistry with IIC	Dr.S. Umarani
35	02.09.2024	Seminar	Natural Disasters- Rebuilding and Recovery	Chemistry & Civil	Speaker- Mr. C. Sakthivel & Mr. R. Rajeshwaran

36	02.09.2024	IIC Program	Session on Incubation- Opportunities for Student and Faculty Members - Early Stage Entrepreneurs	Mathematics	Mr. R. Arun Kumar
37	04.09.2024	Nasha Mukt Bhart	Serenity Sessions: Exploring Yoga and Meditation	NSS unit of Spiher	Mr. L. Saravanan
38	20-08-2024 to	National Level Con	Registration - SPIHER Ideathon - 2024		
39	06.09.2024	Seminar	Empowering the Next Generation	IQAC with Women	Ms. Mahalakshmi Saravanan
40	06.09.2024	National Day	Teacher's Day Celebration	IQAC with Chemis	Ms. Mahalakshmi Saravanan
41	09.09.2024	Hackathon	SPIHER Hackathon		
42	09.09.2024	Engineers Day	Innovation and Design Thinking	ECE, SPIHER In association	MD, MAPe IT Solutions Pvt
43	10.09.2024	engineering day	IPR and Technology Transfer	ECE	naging Director,MAPe
44	11.09.2024	International Wor	Exploring an Array of Bio- Careers with Lab Demonstration on Gene Miming	Biotechnology	Dr. Prem Kumar Albert
45	18.09.2024	Awareness progra	Rally for Public Awareness on "Carbon Footprint Mitigation"	Mechanical Engin	Dr. N. Rajeswari, Professor & Head
46	19.09.2024	Seminar	Role of Hydrogen in Sustainable Transportation	EEE	Dr. AK Sahu
47	20.09.2024	Special Lecture	Artifical Intelligence in Chemistry &Spectroscopy	Chemistry	Mr.A.Jayarajen drapandian
48	21.09.2024	Workshop	Mind Mapping Techniques for Teaching and Learning	IQAC	Dr.N.Kanagath ara /Dr.N.Ranjani
49	24.09.2024	Sow the Seed of S	The Ripple Effect:Inspiring Change Through Service	NSS	Dr.S.Udhayaku mar
50	25.09.2024	International Day	Internationa Day of Peace	Mathematics	Kyoshi.Dr.B.N.S uresh Kumar
51	27.09.2024	Cyber Tech Culb	Office Bearees Investiture Ceremony	Computer Applica	Dr.M.Venkatra manan(Advisor)
52	27.09.2024	Seminar	Industry Readiness and Entrpreneurial Journery	Business Administ	Dr.Mahesh Pavan Sathavalli
53	27.09.2024	Special Lecture	Hadoop Frameqork and Related Tools	CSE & IT	Dr.S.Ancy

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54	30.09.2024	Workshop	Design Thinking Workshop-AI Session	Samsung and Tim	Dr.S.Selvan (Advisor)
55	30.09.2024	Guest Lecture	AI Innovation Ideas for EV Automation	Electrical and Elec	Dr.Arunkumar Jayakumar
56	30.09.2024	Awareness Rally	Enhancing Environmental Awareness on Impact of Plastic Pollution	Microbiology/NSS	Maj.Dr.M.Venk atramanan
57	17/18-10-202	Workshop	Python amd R Programming in Business Analysis	Business Administ	Dr.Vignesh Raja
58	23.10.2024	Workshop	Game Technology and visual Effect	Viscom	P.Gowthaman
59	25.10.2024	Project	Fied Research On Rural Livelihood	Computer science	Dr.S.Selvan (Advisor)
60	05.12.2024	Seminar	GST Annual Returns – GSTR 9 & 9C		
61	12.05.2024	Awareness Progra	Awareness Campaign for Eliniminating Gender Based Violence	Chemistry & Nss	Ms.C. Kokila, Sub Inspector of Police, Avadi, Chennai

Programmes or initiatives to assist students who fall into the bottom 20% of household income group

An interactive session titled "Engineers, Ready for Take Off" was held on 4th October 2024 at 10:30 a.m. at the Mechanical Block Seminar Hall, SPIHER. The event was organized by the Industry Institution Collaboration Cell to foster insights into the aviation industry and its opportunities for engineers. Captain Shrikanth, from MH Cockpit Aviation, Chennai, engaged the audience with a detailed discussion on career prospects in aviation for engineers. They shared insights into the technical challenges faced in the aviation sector and how engineers can play a pivotal role in driving innovation. The session also covered key skills engineers must develop to succeed in this field.

SPIHER organized HACKATHON on 9th September 2024, participants are challenged to develop cutting-edge solutions to real-world problems using new or existing technologies, such as AI, block chain, IoT, or sustainable energy. Hackathons emphasize the importance of upskilling, allowing participants to learn new tools, programming languages, and development methodologies through hands-on experience

Chennai Metro Rail Limited
(A Joint Venture of Govt. of India and Govt. of Tamil Nadu)
(ISO 9001:2015 and ISO 14001:2015 Certified)

TO WHOMSOEVER IT MAY CONCERN

This is to certify that Ms.Kaviya S (Reg. No SP21CSU700) student of from St. Peter's Institute of Higher Education and Research has completed Internship Training in Chennai Metro Rail Limited from 13ᵗʰ August 2024 to 12ᵗʰ September 2024.

During her tenure with us as a trainee, conduct was good.

We wish her success in all her future endeavors.

S.RAGHURAMAN
Manager (HR)
Chennai Metro Rail Limited

METROS, Anna Salai, Nandanam, Chennai - 600 035.
Phone: 044-2437 8000 / Email: chennaimetrorail@cmrl.in / Website: www.chennaimetrorail.org
CIN - U60100TN2007SGC065596

CSR PROGRAM ON YOUTH EMPOWERMENT A CSR INITIATIVE OF PAYPAL

The Certificate Course on Data Analytics was designed to provide participants with foundational knowledge and practical skills in the field of data analytics. The course spanned over a period of 140 hours and was conducted by SPIHER from 22/02/2024 to 22/03/2024. It aimed to equip participants with essential tools and techniques to analyze data effectively and derive meaningful insights. CSR financial support is provided to low-income group of students to pursue and complete the course

Number of training programmes to assist the local community to set start-up and socially sustainable business

Workshops on Startup perspective, essentials and scope of technology talk are conducted for the benefit of students.

Workshops on MSME Idean Hackathon and Art of Valuation of a startup company in investment perspective are conducted for the benefit of students.

Workshops on Hands-on Training technical worksop on IOT, Robotics and 3D printing and field research on Rural Livelihood are conducted for the benefit of local community. Students have gained exposure on the problems faced by the local community people.

Department of Computer Applications

One Week Online Faculty Development Programme on

" Perspective Views in Artificial Intelligence "

21.04.2025 to 25.04.2025

REPORT

The **One Week Online Faculty Development Programme (FDP)** on **"Perspective Views in Artificial Intelligence"** is designed to offer an in-depth exploration of Artificial Intelligence (AI) from multiple academic, technical, and application-oriented perspectives. Hosted by the **Department of Computer Applications, St. Peter's Institute of Higher Education and Research**, this FDP brings together a diverse set of expert speakers to provide comprehensive insights into current AI trends, tools, and ethical considerations. Registration fees of Rs.200/- is collected from the participants.

Objectives of the FDP

- To **broaden faculty knowledge** on recent advancements in Artificial Intelligence.
- To introduce **practical applications** of AI in fields such as healthcare, cybersecurity, and networking.
- To emphasize the importance of **ethical considerations** and responsible AI innovation.
- To inspire **interdisciplinary research** using AI tools.
- To equip faculty with **tools and methods** to integrate AI concepts into teaching and research.

Programme Highlights

- Exposure to **AI tools and frameworks** relevant for academic and industry use.
- Sessions on **real-world applications** of AI, including in **healthcare, cybersecurity**, and **network technologies**.
- Discussions on **research and development** strategies in AI.
- Exploration of **ethical implications** and challenges in deploying AI responsibly.

The workshop supported **Sustainable Development Goals (SDGs)**:

SDG 4: Quality Education

SDG 9: Industry, Innovation, and Infrastructure

SDG 3: Good Health and Well-being

SDG 16: Peace, Justice, and Strong Institutions

SDG 17: Partnerships for the Goals

The workshop was well-received and served as a platform for enriching academic and practical understanding of emerging AI technologies.

Programme Brochure

One Week Online Faculty Development Programme

"Perspective Views in Artificial Intelligence"

CERTIFICATE FOR PARTICIPANTS

St.PETER'S
INSTITUTE OF HIGHER EDUCATION & RESEARCH
(Deemed to be University declared U/S 3 of the UGC Act,1956)

NAAC ACCREDITED & ISO 9001:2015 CERTIFIED,AVADI,CHENNAI-54

CERTIFICATE OF PARTICIPATION

This is certify that **Dr. ARUNIMA RAYAN, Assistant professor from
ICFAI University Meghalaya** has successfully participated in the Five Days
Faculty Development Programme on "Perspective Views on Artificial Intelligence"
organized by the Department of Computer Applications, St.Peter's Institute of
Higher Education and Research, AVADI, Chennai-600054, held from
21-04-2-25 to 25-04-2025.

Maj.Dr.M.Venkatramanan,
Dean FASCMH & SA

Dr.R.Latha
HOD
Department of Computer Applications

St.PETER'S
INSTITUTE OF HIGHER EDUCATION & RESEARCH
(Deemed to be University declared U/S 3 of the UGC Act,1956)

NAAC ACCREDITED & ISO 9001:2015 CERTIFIED,AVADI,CHENNAI-54

CERTIFICATE OF PARTICIPATION

This is certify that **Dr. PADMAPRIYA D, Associate Professor from Saveetha College
of Liberal Arts and Sciences** has successfully participated in the Five Days Faculty
Development Programme on "Perspective Views on Artificial Intelligence" organized by
the Department of Computer Applications, St.Peter's Institute of Higher Education and
Research, AVADI, Chennai-600054, held from 21-04-2-25 to 25-04-2025.

Maj.Dr.M.Venkatramanan,
Dean FASCMH & SA

Dr.R.Latha
HOD
Department of Computer Applications

Village People Utilizing SPIHER Library Facility

Books From Library Rented to Local Village Community People to Educate and Empower

**FINANCIAL SUPPORT PROVIDED TO SET UP START-UP FOR THE LOCAL COMMUNITY**

SPEC TBI proudly announces the participation of startup M/s Brittle Makers Pvt Ltd in the Earthion - Ideas to Impact program organized by IIT Madras and Wipro Foundation. Through our collaboration, M/s Brittle Makers Pvt Ltd showcased their innovative solutions aimed at addressing environmental challenges. We are delighted to share that they have successfully secured a prototype grant from the program, affirming their dedication to creating impactful solutions for a sustainable future. This achievement highlights the entrepreneurial spirit and ingenuity fostered within our startup ecosystem at SPEC TBI. We extend our heartfelt congratulations to M/s Brittle Makers Pvt Ltd on this milestone and look forward to supporting their continued growth and success.

St. PETER'S
INSTITUTE OF HIGHER EDUCATION & RESEARCH
(DEEMED TO BE UNIVERSITY u/s 3 OF THE UGC ACT 1956)
Accredited by NAAC with A+ Grade, AICTE Approved and
ISO 9001: 2015 Certified.
Avadi, Chennai - 600 054, Tamil Nadu.

We are thrilled to announce that St. Peter's Technology Business Incubator has been honored with the prestigious Incubation Excellence Award in 2024 by the M/s One Yes Startup Fest Awards. This esteemed recognition underscores our commitment to nurturing and supporting innovative startups, fostering entrepreneurship, and driving economic growth in our community.

Receiving this award is a testament to the dedication and hard work of our team, as well as the success and impact of the startups incubated within our facility. We are immensely grateful to the M/s One Yes Startup Fest Awards for acknowledging our efforts and contributions to the startup ecosystem. At St. Peter's Technology Business Incubator, we strive to provide comprehensive support, resources, and mentorship to budding entrepreneurs, empowering them to transform their ideas into successful ventures. This award serves as motivation for us to continue our mission of fostering innovation and entrepreneurship and furthering the success of startups in our region.
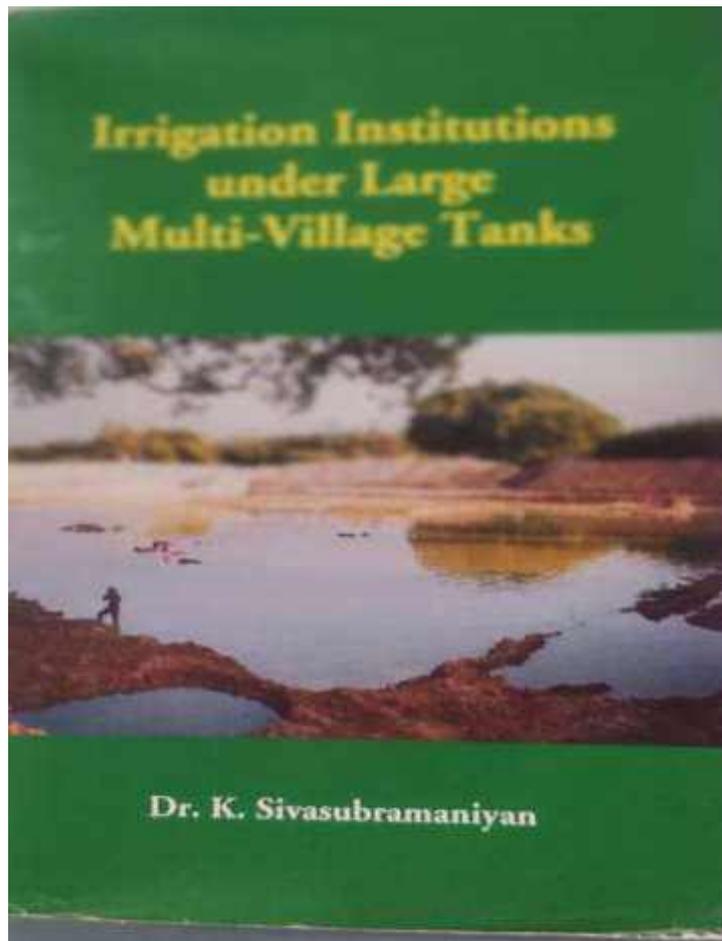
Irrigation Institutions under Large Multi-Village Tanks
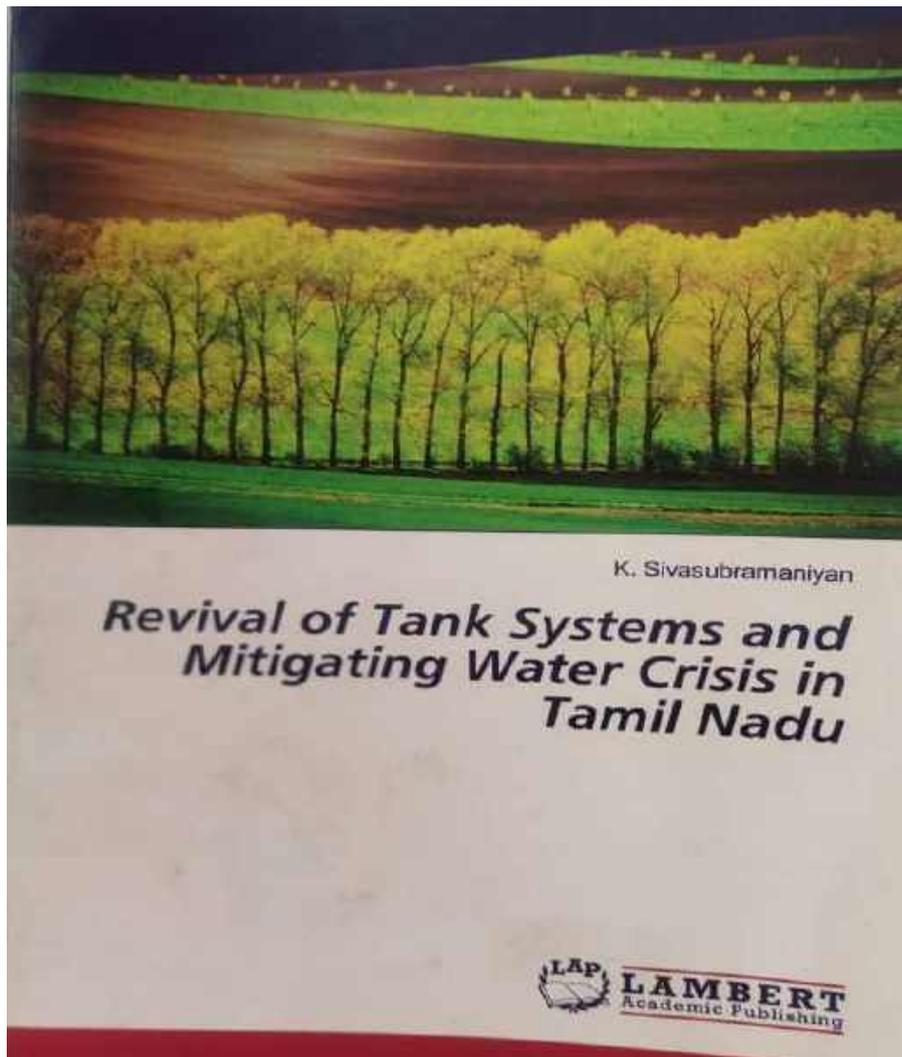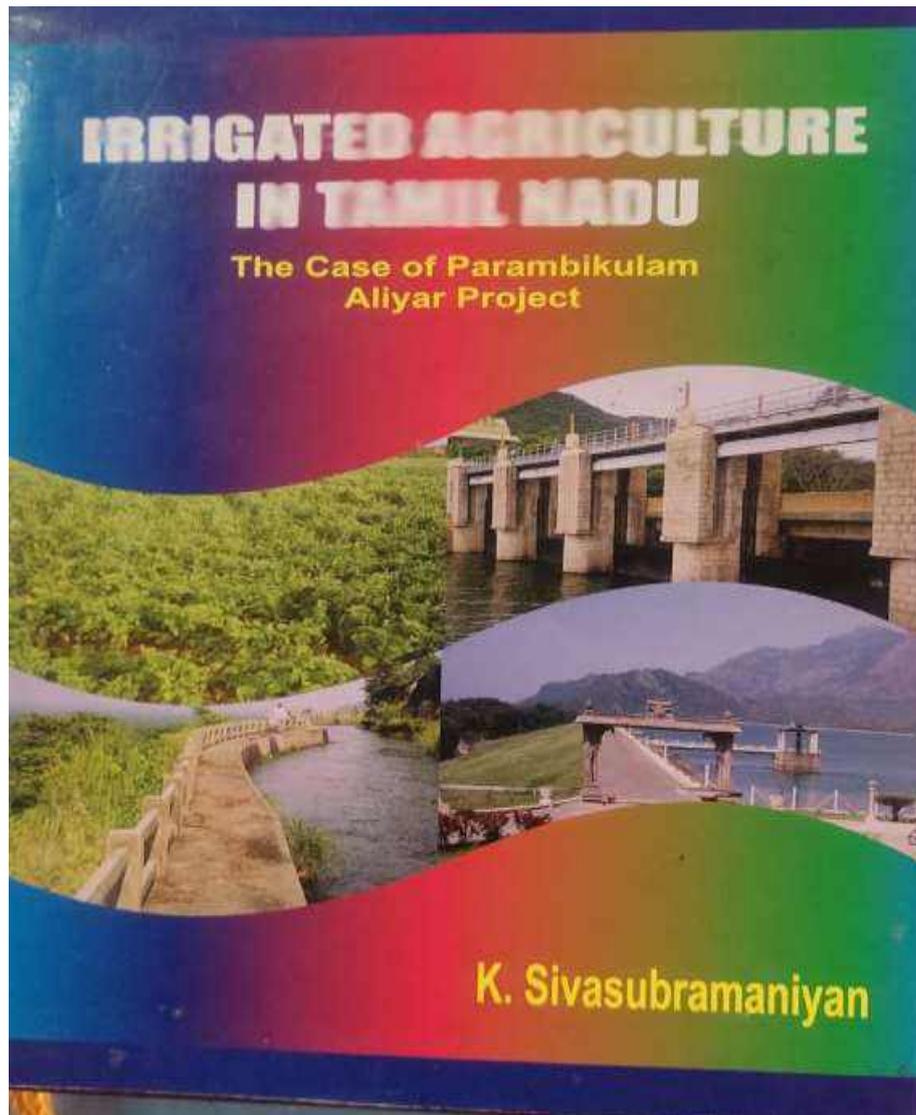
Dr. K. Sivasubramaniyan

Dr. K. Sivasubramaniyan, Professor in Economics department has authored book titled Irrigation Institutions under Large Multi-Village Tanks in the context university as a body participate in policy making at regional level to implement programmes and policies to end poverty in all its dimensions.
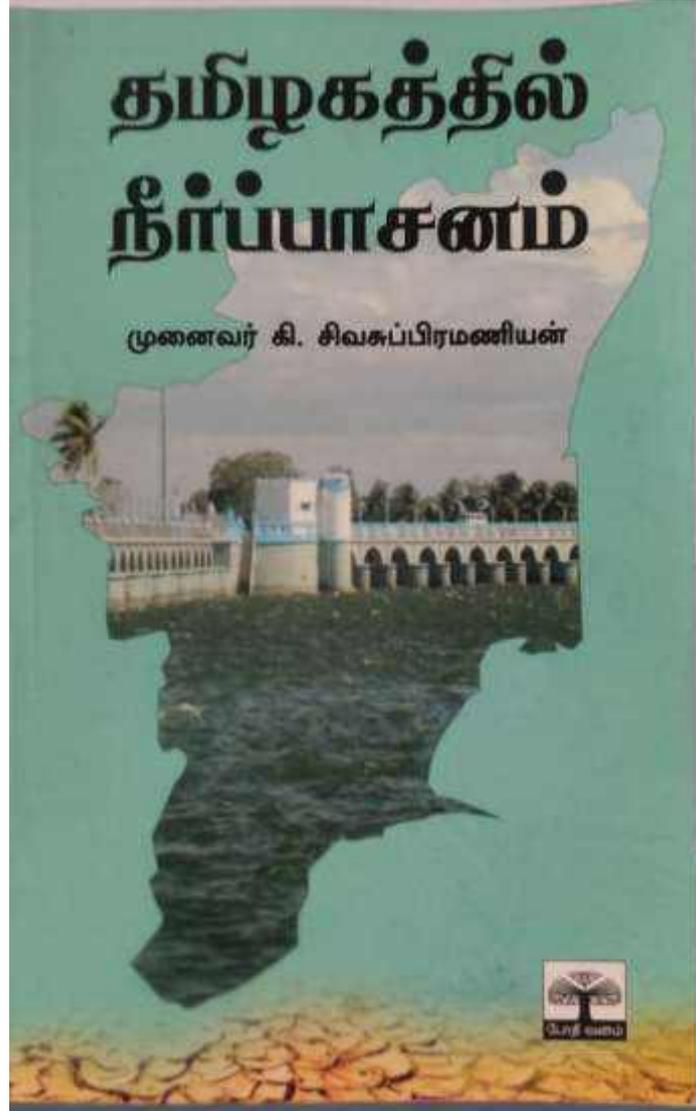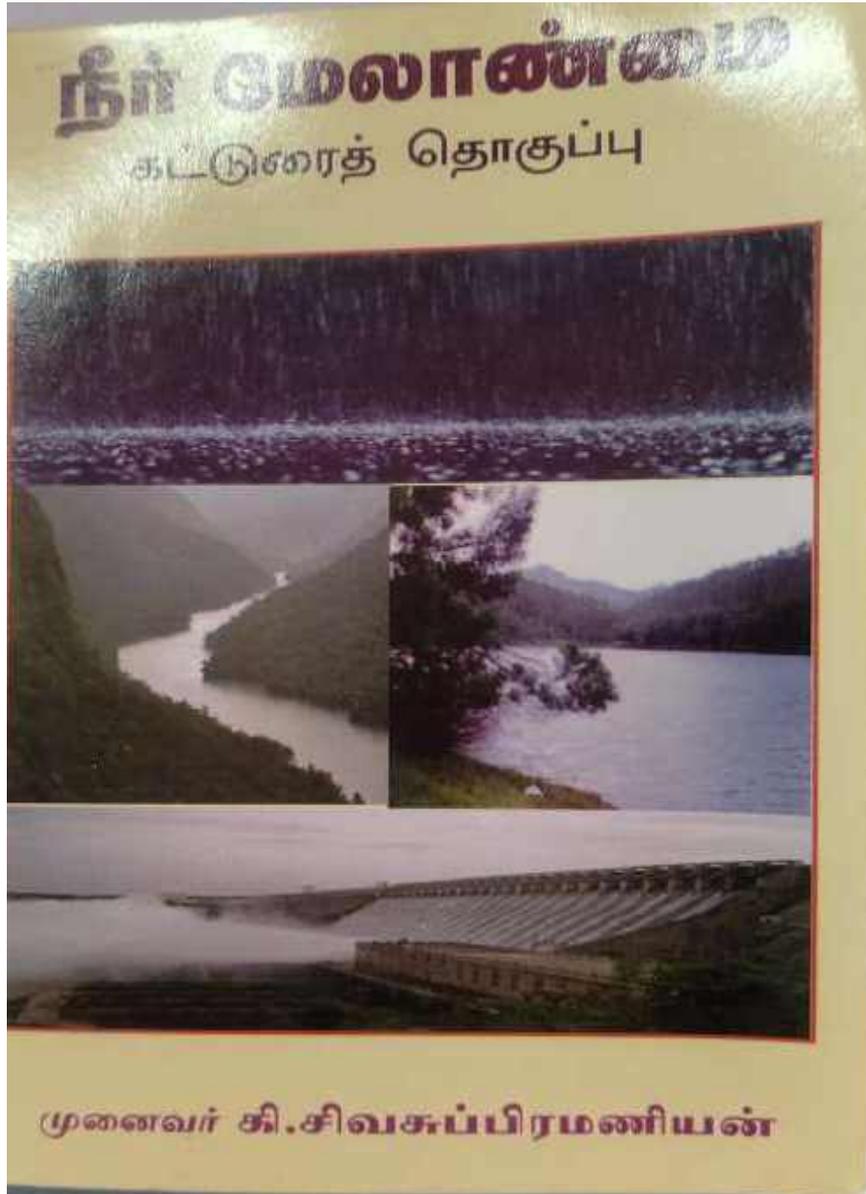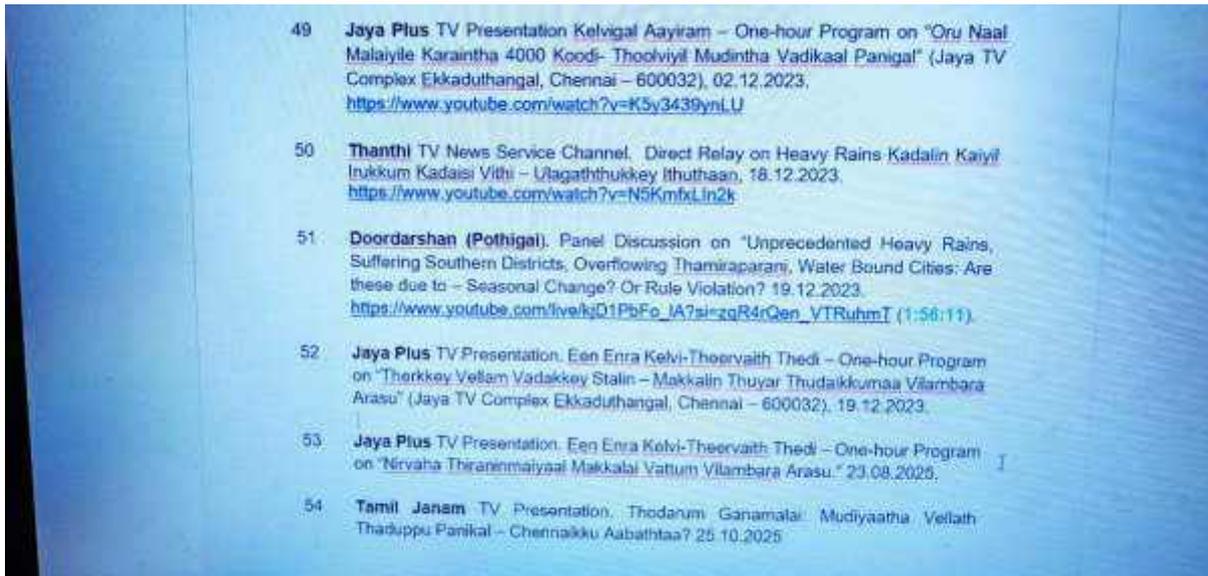
Dr. K. Sivasubramaniyan, Professor in Economics department has authored book titled Water Irrigation in Tamil Nadu in Tamil Language in the context university as a body participate in policy making at regional level to implement programmes and policies to end poverty in all its dimensions.
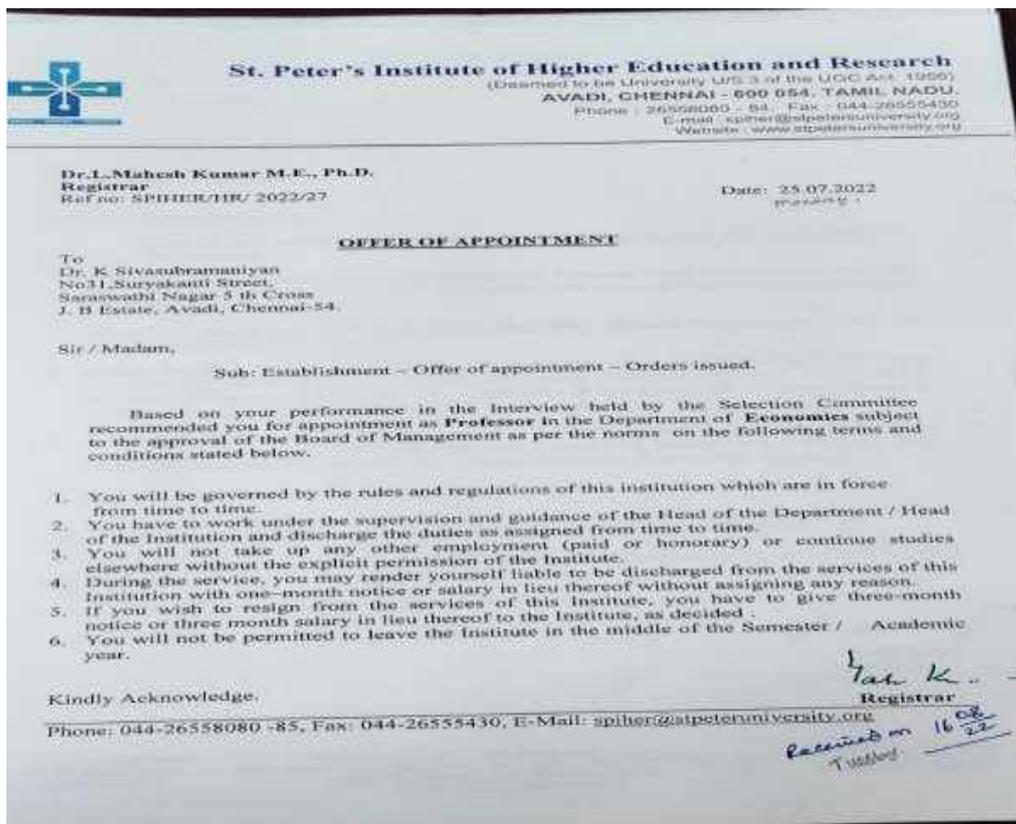
K. Sivasubramaniyan

Revival of Tank Systems and Mitigating Water Crisis in Tamil Nadu

LAP LAMBERT Academic Publishing

Dr. K. Sivasubramaniyan, Professor in Economics department has authored book titled Revival of Tank Systems and Mitigating Water Crisis in Tamil Nadu in the context university as a body participate in policy making at regional level to implement programmes and policies to end poverty in all its dimensions.

Dr. K. Sivasubramaniyan, Professor in Economics department has authored book titled Irrigated Agriculture in Tamil Nadu, The case of Parabikulam Aliyar Project in the context university as a body participate in policy making at regional level to implement programmes and policies to end poverty in all its dimensions.

Dr. K. Sivasubramaniyan, Professor in Economics department has authored book titled Compilation of Essays on Water Management in the context university as a body participate in policy making at regional level to implement programmes and policies to end poverty in all its dimensions.

49 **Jaya Plus** TV Presentation Kelvigal Aayiram – One-hour Program on "Oru Naal Malaiyile Karaintha 4000 Koodi- Thoolviyil Mudintha Vadikaal Panigal" (Jaya TV Complex Ekkaduthangal, Chennai – 600032), 02.12.2023. https://www.youtube.com/watch?v=K5v3439ynLU

50 **Thanthi** TV News Service Channel. Direct Relay on Heavy Rains Kadalin Kaiyil Irukkum Kadaisi Vithi – Ulagaththukkey Ithuthaan, 18.12.2023. https://www.youtube.com/watch?v=N5KmfxLIn2k

51 **Doordarshan (Pothigai).** Panel Discussion on "Unprecedented Heavy Rains, Suffering Southern Districts, Overflowing Thamiraparani, Water Bound Cities: Are these due to – Seasonal Change? Or Rule Violation? 19.12.2023. https://www.youtube.com/live/kjD1PbFo_lA?si=zqR4rQen_VTRuhmT (1:56:11).

52 **Jaya Plus** TV Presentation. Een Enra Kelvi-Theervaith Thedi – One-hour Program on "Therkkey Vellam Vadakkey Stalin – Makkalin Thuyar Thudaikkumaa Vilambara Arasu" (Jaya TV Complex Ekkaduthangal, Chennai – 600032), 19.12.2023.

53 **Jaya Plus** TV Presentation. Een Enra Kelvi-Theervaith Thedi – One-hour Program on "Nirvaha Thiraninmaiyaal Makkalai Vattum Vilambara Arasu." 23.08.2025.

54 **Tamil Janam** TV Presentation. Thodarum Ganamalai Mudiyaatha Vellath Thaduppu Panikal – Chennaikku Aabathtaa? 25.10.2025

Dr. K. Sivasubramaniyan, Professor in Economics department has participated in debate and delivered speech on water management in popular Regional TV Channels in the context university as a body participate in policy making at regional level to implement programmes and policies to end poverty in all its dimensions

Appointment order of Dr. K. Sivasubramaniyan as professor in Economics Department. His expertise in water management is better utilized to end water crisis in local and regional levels that has contributed towards eliminating poverty in all its dimensions.

SPIHER's Participation at the National Level

SPIHER's research, conferences, and faculty expertise regularly contribute to conversations that align with national priorities, including:

- National Rural Livelihood Mission
- Unnat Bharath Abhiyan

Sample copy of filled Unnat Bharath Abhiyan form collected from the adopted villages under UBA scheme at National Level to end poverty in all its dimensions.

भारत सरकार
Government of India
युवा कार्यक्रम एवं खेल मंत्रालय
Ministry of Youth Affairs & Sports
एन.एस.एस.क्षेत्रीय निदेशालय
N.S.S. Regional Directorate

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Haddows Road,
Nungambakkam,
Chennai - 600 006.

F.No.2-111/2025-26/SFU/NSS /609 – 611

Date: 10.07.202

To,
The Principal,
St. Peter's Institute of Higher Education and Research
Tonakela Camp Road, Avadi
Chennai District

Sub: Renewal of Approval for Self Financing NSS Units (SFU)
In your Institution- reg.
Ref: Your Proposal dt.26/06/2025

Sir/Madam,

I am to refer to your letter dt.26.06.2025 on the subject and to convey the approval for renewal in respect of **One** Self Financing Unit which may continue to function for another 3 years i.e. up to the **10th July, 2028** subject to the conditions stated in the earlier approval.

You are also requested to send periodical monthly activities report / Annual report NSS Volunteers database in Excel Sheet with Action Photos to this Office E-mail: nssrdchennai@gmail.com.

Yours faithfully,
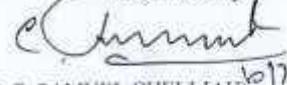
(DR.C. SAMUEL CHELLIAH)
REGIONAL DIRECTOR

Copy to:

1. The State NSS Officer, Tamil Nadu State NSS Cell, Chennai.
2. The Programme Coordinator, NSS, St. Peter's Institute of Higher Education and Research

Research publications on financial fraud detection, strengthening small enterprises, cost-effective construction materials, and safe water access help address key issues related to poverty and vulnerability.

SPIHER's Participation at the Global Level

SPIHER's global academic presence allows the institution to contribute indirectly to international policy conversations. Research published in international journals, collaborations with foreign universities, and participation in global conferences help place SPIHER's work within the context of the United Nations Sustainable Development Goals.

Funded by the European Union
NextGenerationEU

Sofia, 5.06. 2023

Sethu Gunasekaran
To whom it may concern

The present document serves to certify that **Prof. Sethu Gunasekaran Full Professor at St. Peter's Institute of Higher Education and Research, Chennai, India** is a research team member of the **project titled "Biologically Active Heterocyclic Ligands and Metal Complexes with Antioxidant Activity"**.

The project is composed of an international consortium and is financed with an amount of **2 200 000,00 BGN**, with 400 000,00 BGN subtracted for administrative costs, under the Bulgarian National Resilience and Recovery plan, and the contract (BG-RRP-2.004-0004-C01) was signed on **December 31st 2022 for a total duration of 42 months, until May 31st 2026**.

Sincerely Yours,

YANA NIKOLOVA GEORGIEVA
Digitally signed by YANA NIKOLOVA GEORGIEVA Date: 2023.04.06 09:03:03 +03'00'

Yana Georgieva,
Member of the Project's management board and project operational coordinator

"Strategic research and innovation development program of Medical University - Sofia"
unit "Research University", MU - Sofia
Sofia, 15 "Iv. Ev. Geshov" Bul., fl.2, office 39-40

Dr.Prof. Sethu Gunasekaran, Dean (R & D) has been selected as member in THE project funded by European Union pproximately ₹1,159 crore 84 lakh in Indian Rupees. The project titled "Biologically active heterocyclic ligands and metal complexes" can help create low-cost antioxidant medicines that keep people healthier and able to work. When families spend less on illness and more on their livelihoods, it directly reduces the risk of falling into poverty, supporting SDG 1.

An international conference on soft computing brings people together to share ideas that lead to affordable, smart technologies useful in fields like farming, health, and small businesses.By helping communities gain better tools and skills, it supports stronger livelihoods and contributes to ending poverty under SDG 1.

Conclusion:

In conclusion, the institution's activities under **SDG 17.3.1** highlight its strong dedication to fostering global collaboration through active participation in international initiatives, knowledge-sharing platforms, and people-centered partnership efforts. By engaging in global events, awareness campaigns, and collaborative academic interactions, the institution has strengthened its commitment to building meaningful relationships that support sustainable development.

These human-focused engagements have promoted cross-border understanding, encouraged collective responsibility, and enhanced the institution's contribution to global cooperation. Through continuous involvement in international dialogues and outreach efforts, the institution reinforces its role in advancing **SDG 17.3.1**, ensuring that global partnerships remain inclusive, supportive, and aligned with the well-being of communities worldwide.