Sustainable Development Goal 4 (SDG 4) - Quality Education

Karunya Institute of Technology and Sciences (KITS) is a premier institution with a strong focus on Quality education articulated in Sustainable Development Goal 4 (SDG 4). With a deep commitment to providing a world-class education, the institute has initiated specific programs and measures that actively engage in ensuring inclusive and equitable quality education for all.

4.1 Research on Early Years and Lifelong Learning Education

KITS, an esteemed institution in the field of Sciences and Technical education has produced 621 first-generation graduates in the assessment year, showcasing the institution's commitment to empower students overcome socio-economic challenges. These graduates, who are the first in their families to obtain a degree reflect the transformative power of education in our effort to eradicate illiteracy. Their success not only embodies their personal triumphs but also serves as a source of inspiration, encouraging others in similar circumstances to pursue their aspirations.

The quantum of research and academic papers on early childhood and lifelong learning indicates the institution's dedication in the upliftment of the underprivileged. Research initiatives undertaken by faculty members are aimed at curriculum enrichment, introduction of innovative teaching practices and enhancing student learning outcomes. KITS has to its credit 63 publications in Quality Education with 395 citations. These articles provide valuable insights into creative solutions and best practices for delivering high-quality education.

List of Research Articles

S. No	Authors	Title	Volume	Issue	Year	Cited by
1	Goyal R., Chandran D., Garg K., Mohankumar P., Gupta S., Gautam R.K., Chopra H., Dhama K.	Medicalization of sexuality and sexual health: A perspective review	10	6	2022	
2	Purushothaman P., Susila T., Santhanakrishnan I., Rajamanickam S., Karthikeyan K., Babu S.R.	Psychosocial Perceptions as Significant Impact Modifiers A Mixed Method Research Among Hospitalized Covid-19 Patients in A Tertiary Care Hospital in Coimbatore District, Tamil Nadu	13	12	2022	1

3	Hepsiba D., Justin J.	Enhancement of single channel speech quality and intelligibility in multiple noise conditions using wiener filter and deep CNN	26	23	2022	1
4	Vinolia T.L., Nesaraj A.S., Arunkumar M.	UV Light Photo-Degradation of Rhodamine B and Methylene Blue Dyes using Gd2O3 Nanoparticles	34	11	2022	
5	Stephan T., Al-Turjman F., Ravishankar M., Stephan P.	Machine learning analysis on the impacts of COVID-19 on India's renewable energy transitions and air quality	29	52	2022	3
6	Andrew J., Eunice J., Popescu D.E., Chowdary M.K., Hemanth J.	Deep Learning-Based Leaf Disease Detection in Crops Using Images for Agricultural Applications	12	10	2022	20
7	Velliangiri S., Pandiaraj S., Iwin Thanakumar Joseph S., Muthubalaji S.	Multiclass recognition of AD neurological diseases using a bag of deep reduced features coupled with gradient descent optimized twin support vector machine classifier for early diagnosis	34	21	2022	3
8	Shemitha P.A., Dhas J.P.M.	Crow Search with Adaptive Awareness Probability-Based Deep Belief Network for Detecting Ransomware	36	11	2022	1
9	Johnson J., Chitra R., Bamini A.M.A.	Efficient bi-traits identification using CEDRNN classifier for forensic applications	202		2022	
10	Bisht D.S., Srivastava A.K., Singh V., Tiwari S., Gautam A.S., Gautam S., Santosh M., Kumar S.	High-Altitude Air Pollutants Monitored from Rainwater Chemistry in the Central Himalaya	233	9	2022	7
11	Sharma N., Radha, Kumar M., Zhang B., Kumari N., Singh D., Chandran D., Sarkar T., Dhumal S., Sheri V., Dey A., Rajalingam S., Viswanathan S., Mohankumar P., Vishvanathan M.,	Aegle marmelos (L.) Correa: An Underutilized Fruit with High Nutraceutical Values: A Review	23	18	2022	3

	Authors	Title				
	Sathyaseelan S.K., Lorenzo J.M.					
12	Kanagaraj B., Anand N., Johnson Alengaram U., Samuvel Raj R., Kiran T.	Exemplification of sustainable sodium silicate waste sediments as coarse aggregates in the performance evaluation of geopolymer concrete	330		2022	27
13	Radhakrishnan B.L., Kirubakaran E., Jebadurai I.J., Selvakumar A.I., Peter J.D.	Efficacy of Single-Channel EEG: A Propitious Approach for In-home Sleep Monitoring	10		2022	2
14	Bhavadharini R.M., Karthik S., Sabitha R.	An energy-efficient priority-based packet scheduling mechanism for enhancing quality of service in mobile ad hoc network	34	6	2022	1
15	Zafar M., Aggarwal A., Rene E.R., Barbusiński K., Mahanty B., Behera S.K.	Data-Driven Machine Learning Intelligent Tools for Predicting Chromium Removal in an Adsorption System	10	3	2022	5
16	Gautam S., Setu S., Khan M.G.Q., Khan M.B.	Analysis of the health, economic and environmental impacts of COVID-19: The Bangladesh perspective	1	1	2022	28
17	Jebitta R.S., Allwin J.S.I., Pandian K.N.S.	Sorption isotherm study on vacuum and freeze-dried jamun pulp	6	1	2022	
18	Priya K., Senthilkumar V., Samson Isaac J., Kottu S., Ramakrishna V.S., Jogendra Kumar M.	Breast Cancer Segmentation by K-Means and Classification by Machine Learning			2022	
19	Eunice R.J., Hemanth D.J.	Deep Learning and Sign Language Models Based Enhanced Accessibility of e-governance Services for Speech and Hearing-Impaired	1666 CCIS		2022	
20	Deepa K., Aruna K., Jawahar G.G., Christinal H., Bhagavathi S., Amudha K.	The Application of Artificial Intelligence in Online Teaching Tools, appertained during the Pandemic period for effective and uninterrupted teaching	3338		2022	

	Authors	Title				
21	Mercy Golda S., Sella Dharshini C., Jegan R., Nimi W.S.	Techniques on Kidney Stone Detection using Machine Learning: A Descriptive Study			2022	
22	Kumar P.S.V.V.S.R., Sudha S., Das P., Pradeep D., Isaac J.S., Vijaipriya K.	Pomegranate Quality Analysis and Classification Using Feature Extraction and Machine Learning			2022	
23	Muthulakshmi S., Chitra R.	Secure Privacy and Utility Preserving Transformation of Smart Grid Networks			2022	
24	Durga S., Daniel E., Onesimu J.A., Sei Y.	Resource Provisioning Techniques in Multi-Access Edge Computing Environments: Outlook, Expression, and Beyond	2022		2022	1
25	Iwin Thanakumar Joseph S., Shanthini Pandiaraj N., Sarveshwaran V., Mythily M.	Ship Detection and Classification Using Hybrid Optimization Enabled Deep Learning Approach by Remote Sensing Images			2022	
26	Anjali C., Dhas J.P.M., Singh J.A.P.	A Study on Predicting Software Defects with Machine Learning Algorithms			2022	
27	Velliangiri S., Joseph I.T., Pandiaraj S., Jancy P.L., Madhubabu Ch.	An enhanced security framework for IoT environment using Jaya optimisation-based genetic algorithm	13	1	2022	1
28	Baby H., Jayakumar J., Mathew M., Hussien M.G., Kumar N.M.	Analysis of reactive power loadability and management of flexible alternating current transmission system devices in a distribution grid using whale optimization algorithm			2022	
29	Mythily M., Samson Arun Raj A., Thanakumar Joseph I.	An Analysis of the Significance of Spring Boot in The Market			2022	2
30	Onesimu J.A., Karthikeyan J., Eunice J., Pomplun M., Dang H.	Privacy Preserving Attribute-Focused Anonymization Scheme for Healthcare Data Publishing	10		2022	10
31	Muthulakshmi S., Chitra R.	IoT technologies, applications and	12	4	2022	5

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		challenges, blockchain and its role in IoT: a survey				
32	Hepsiba D., Justin J.	Computational Intelligence for Speech Enhancement using Deep Neural Network	29	01-Feb	2022	2
33	Lanitha B., Poornima E., Sudha R., David D.B., Kannan K., Jegan R., Peroumal V., Kirubagharan R., Tesfaye M.	IoT Enabled Sustainable Automated Greenhouse Architecture with Machine Learning Module	2022		2022	2
34	Webb M.M., Bridges P., Aruparayil N., Chugh C., Beacon T., Singh T., Sawhney S.S., Bains L., Hall R., Jayne D., Gnanaraj J., Mishra A., Culmer P.R.	The RAIS Device for Global Surgery: Using a Participatory Design Approach to Navigate the Translational Pathway to Clinical Use	10		2022	3
35	Paul Sathiyan S., Benin Pratap C., Stonier A.A., Peter G., Sherine A., Praghash K., Ganji V.	Comprehensive Assessment of Electric Vehicle Development, Deployment, and Policy Initiatives to Reduce GHG Emissions: Opportunities and Challenges	10		2022	17
36	Rahul T.S., Brema Karunya J., John Wessley G.J.	A Novel Remote Sensing Based Approach to Estimate the Water Quality Index Using Sentinel-2 Multispectral Data			2022	1
37	Thomas B., Senith S., Alfred Kirubaraj A., Jino Ramson S.R.	Does management graduates' emotional intelligence competencies predict their work performance? Insights from Artificial Neural Network Study	58		2022	4
38	Swamidason I.T.J., Pandiyarajan S., Velswamy K., Leela Jancy P.	Futuristic IoT based Smart Precision Agriculture: Brief Analysis	18	3	2022	3
39	Jeyajothi E.S., Anitha J., Rani S., Tiwari B.	A Comprehensive Review: Computational Models for Obstructive Sleep Apnea Detection in Biomedical Applications	2022		2022	11
40	Roopa Jayasingh J., Jeba Kumar R.J.S., Telagathoti D.B., Martin Sagayam K., Pramanik S., Jena O.P., Bandyopadhyay S.K.	Speckle Noise Removal by SORAMA Segmentation in Digital Image Processing to Facilitate Precise Robotic Surgery	11	1	2022	21

No.	Authors	Title				
41	David A., Joy E., Kumar S., Bezaleel S.J.	Integrating Virtual Reality with 3D Modeling for Interactive Architectural Visualization and Photorealistic Simulation: A Direction for Future Smart Construction Design Using a Game Engine	300 LNNS		2022	3
42	Rejula V., Anitha J., Belfin R.V., Peter J.D.	Chronic Pain Treatment and Digital Health Era-An Opinion	9		2021	5
43	Mariammal B.G.V., Devarajan D.W., Jerrin R., Viswanathan S., Siddikuzzaman, Gopal R.	In Vivo Treatment Efficacy of Essential Oil Isolated from Seeds of Momordica charantia in Streptozotocin-Induced Diabetes Mellitus	15	4	2021	1
44	Sajil Kumar P.J., Kokkat A., Kurian P.K., James E.J.	Correction to: Nutrient chemistry and seasonal variation in the groundwater quality of a Riverine Island on the west coast of Kerala, India	7	6	2021	
45	Sree Jyothi K.R., Venkatesh Kumar P., JayaKumar J.	A Review of Different Configurations and Control Techniques for DSTATCOM in the Distribution system	309		2021	2
46	Sujithra T., Banu N.M.M.	Gaming pedagogy for effective learning in engineering colleges	35	2	2021	1
47	Ramanathan S., Moorthy S., Ramasundaram S., Rajan H.K., Vishwanath S., Selvinsimpson S., Durairaj A., Kim B., Vasanthkumar S.	Grape Seed Extract Assisted Synthesis of Dual-Functional Anatase TiO2Decorated Reduced Graphene Oxide Composite for Supercapacitor Electrode Material and Visible Light Photocatalytic Degradation of Bromophenol Blue Dye	6	23	2021	14
48	Huq S., Das P.C., Islam M.A., Jubayer M.F., Ranganathan T.V., Mazumder M.A.R.	Nutritional, textural, and sensory quality of oil fried donut enriched with extracted dietary fiber and okara flour	45	3	2021	2
49	Vasudevan S., Kumar F.J.P.	Distance to distrust: the dilemma for internal	4	02-Mar	2021	1

		stakeholders in post COVID-19 hospitality				
50	Babu R.M.H., Shebana M., Harish R.M., Kanimozhi V., Kumar K.A.	Data science: A survey on the statistical analysis of the latest outbreak of the 2019 pandemic novel coronavirus disease (COVID-19) using ANOVA			2021	
51	Hepsiba D., Anand L.D.V., Isaac J.S.	Statistical Analysis on the Effects of Lockdown and Its Impact on Childhood Education During Covid-19	13	2	2021	
52	Cao Q., Hao H., Sabitha R., Thanjai V.	Occupational stress management of college English teachers under flipped classroom teaching model			2021	3
53	Kalaiselvi K., Bazil Wilfred C., Bijolin Edwin E., Arya N., Jain P., Sentamilselvan K.	Cross-vehicle communication based on packet network theory	10	9	2021	
54	Jiang Y., Sabitha R., Shankar A.	An IoT Technology for Development of Smart English Language Translation and Grammar Learning Applications			2021	10
55	Hemalatha J., Geetha S., Geetha R., Balasubramanian C., Popescu D.E., Hemanth J.	Reversible data hiding based on varying radix numeral system	69	1	2021	1
56	Gerkin R.C.,et.al	Recent smell loss is the best predictor of COVID-19 among individuals with recent respiratory symptoms	46		2021	91
57	Kaliyaperumal S., Vijayakumar M.	Learners' feedback on the effectiveness of replacing an instructional MOOC video with augmented reality in a practice-based course	12		2021	
58	Goyal S., Sharma N., Bhushan B., Shankar A., Sagayam M.	IoT Enabled Technology in Secured Healthcare: Applications, Challenges and Future Directions	311		2021	53
59	Vinayaka A.S., Mahanty B., Rene E.R., Behera S.K.	Biodiesel production by transesterification of a	12	2	2021	12

		mixture of pongamia and neem oils				
60	Sujithra, T. ,Banu, N.M.M	Gaming pedagogy for effective learning in engineering colleges	35	2	2021	1
61	Qiu, X. ,Li, W., Li, Y., ...Song, F., Sabitha, R.	Machine Learning in Human Emotion Detection from the Speech	22	1	2022	-
62	Jiang, Y., Sabitha, R., Shankar, A.	An IoT Technology for Development of Smart English Language Translation and Grammar Learning Applications	-	-	2021	10
63	Kaliyaperumal, S., Vijayakumar, M.	Learners feedback on the effectiveness of replacing an instructional MOOC video with augmented reality in a practice-based course	12	-	2021	-

4.2 Proportion of Graduates with Teaching Qualification

4.2.1 Proportion of graduates with relevant qualification for teaching (2022)

KITS identifies potential students with unique skills for a teaching career and provides adequate support and resources to enable them to adopt innovative strategies in teaching and learning.

DATA	DEFINITION
Total no of graduates	1697
No of graduates gained teaching qualification for schools	149

4.3 Lifelong learning measures
4.3.1 Public resources (lifelong learning)

Around 135 free online YouTube videos with 6181 views have been created by experienced faculty members that serve as an exceptional resource for students. These videos are in a wide range of subject domains that offer valuable insights for understanding and mastering complex concepts. By granting free access to these educational resources, KITS provides access to all learners in its commitment to reach the unreached.

Lecture Title	Subject Domain	Url_Code	Faculty Name
Introduction to Digital Signal	Digital System Design	https://www.youtube.com/embed/6ydxCV91ofU	Dr.N.M.Siva Mangai
Introduction to Combinational Logic Circuit	Digital System Design	https://www.youtube.com/embed/9oTwxZKjfOY	Dr.N.M.Siva Mangai

Introduction to Logic Families	Digital System Design	https://www.youtube.com/embed/lDo6h_J3nes	Dr.N.M.Siva Mangai
MSI Circuit	Digital System Design	https://www.youtube.com/embed/rJkQlGsCN3I	Dr.N.M.Siva Mangai
Introduction to Sequential Logic Circuit	Digital System Design	https://www.youtube.com/embed/WSdtqhYMLfI	Dr.N.M.Siva Mangai
Introduction to Memory Devices	Digital System Design	https://www.youtube.com/embed/Q2rIZzYC7Bo	Dr.N.M.Siva Mangai
Drivers	Digital System Design	https://www.youtube.com/embed/sU3Nt_3tLCY	Dr.N.M.Siva Mangai
Introduction to Boolean Algebra	Digital System Design	https://www.youtube.com/embed/658irKGDq94	Dr.N.M.Siva Mangai
Introduction to Carry Lookahead Adder	Digital System Design	https://www.youtube.com/embed/1NffmttNqV4	Dr.N.M.Siva Mangai
4 bit Adder/Subtractor Circuit	Digital System Design	https://www.youtube.com/embed/pGS42GMRjEk	Dr.N.M.Siva Mangai
Introduction to Asynchronous Sequential Logic Circuit	Digital System Design	https://www.youtube.com/embed/gxby-8NCqLQ	Dr.N.M.Siva Mangai
Introduction to Verilog HDL	Digital System Design	https://www.youtube.com/embed/pq1C9lEl2W8	Dr.N.M.Siva Mangai
Programmable Logic Devices (PLD)	Digital System Design	https://www.youtube.com/embed/sNY3OXzeUQs	Dr.N.M.Siva Mangai
Characteristics of Digital Logic Families	Digital System Design	https://www.youtube.com/embed/DNg7z4FyLOo	Dr.N.M.Siva Mangai
Field Programmable Gate Array (FPGA)	Digital System Design	https://www.youtube.com/embed/xRlieoPJtsk	Dr.N.M.Siva Mangai
Integral Calculus	Calculus	https://www.youtube.com/embed/auPHdj5IMO0	Dr. J. Daphy Louis Lovenia
Definite Integrals	Calculus	https://www.youtube.com/embed/BJom1ZDpCuw	Dr. J. Daphy Louis Lovenia
Statistics - Frequency Distribution	Calculus	https://www.youtube.com/embed/aLo7X6L39oM	Dr. J. Daphy Louis Lovenia
Statistics - Measures of Central Tendency	Calculus	https://www.youtube.com/embed/OJ8bCAlVVn4	Dr. J. Daphy Louis Lovenia
Statistics - Median	Calculus	https://www.youtube.com/embed/cPdwaI6PYSE	Dr. J. Daphy Louis Lovenia
Statistics - Mode	Calculus	https://www.youtube.com/embed/t2W2gaYfKcY	Dr. J. Daphy Louis Lovenia
Differentiation	Calculus	https://www.youtube.com/embed/Iy0q11EqQHs	Dr.A. Hepzibah Christinal

Differentiation - Rules on Differentiation with Examples	Calculus	https://www.youtube.com/embed/l8WouCWWdHU	Dr.A. Hepzibah Christinal
Differentiation - Definition and Standard Functions Derivatives	Calculus	https://www.youtube.com/embed/RYYFrLRj1fQ	Dr.A. Hepzibah Christinal
Classes and Objects	Object Oriented Programming	https://www.youtube.com/embed/6-xLJxPvL0o	Dr. M. Mythily
Constructors	Object Oriented Programming	https://www.youtube.com/embed/PoWZ4dCWkk8	Dr. M. Mythily
Array of Objects	Object Oriented Programming	https://www.youtube.com/embed/UICXwNKcJnM	Dr. M. Mythily
"this" Keyword	Object Oriented Programming	https://www.youtube.com/embed/IwC_VqEiUbs	Dr. M. Mythily
Inheritance	Object Oriented Programming	https://www.youtube.com/embed/4EWuaOFIGjA	Dr. M. Mythily
Inheritance- Demonstration	Object Oriented Programming	https://www.youtube.com/embed/hslB78R2BVs	Dr. M. Mythily
Method Overloading and Overriding	Object Oriented Programming	https://www.youtube.com/embed/qYMS8btXv_0	Dr. M. Mythily
"super" Keyword	Object Oriented Programming	https://www.youtube.com/embed/vDNhdRj0blU	Dr. M. Mythily
Multi - Level Inheritance	Object Oriented Programming	https://www.youtube.com/embed/UyYOUoVSElo	Dr. M. Mythily
Interface in Java	Object Oriented Programming	https://www.youtube.com/embed/ziI-3BEi41Q	Dr. M. Mythily
Abstract Class and Interface	Object Oriented Programming	https://www.youtube.com/embed/rBtBf1wkJz0	Dr. M. Mythily
Final Keyword	Object Oriented Programming	https://www.youtube.com/embed/gdVtL4veHl8	Dr. M. Mythily
Packages	Object Oriented Programming	https://www.youtube.com/embed/iLgaWK1OG-Q	Dr. M. Mythily
Access Modifiers	Object Oriented Programming	https://www.youtube.com/embed/BV-IhvilfEE	Dr. M. Mythily
Exception Handling	Object Oriented Programming	https://www.youtube.com/embed/mymVqSkjsxk	Dr. M. Mythily
User - Defined Exceptions	Object Oriented Programming	https://www.youtube.com/embed/a3H9StRUi_Q	Dr. M. Mythily
Threads In Java	Object Oriented Programming	https://www.youtube.com/embed/jBogybmgJ6c	Dr. M. Mythily
Threads in Java Example	Object Oriented Programming	https://youtube.com/embed/Be-febXMmtI	Dr. M. Mythily
Stack Data Structure	Data Structures and Algorithms	https://www.youtube.com/embed/1a6CC63kNG4	Dr. Rexie
Forms of Arithmetic Expressions	Data Structures and Algorithms	https://www.youtube.com/embed/AYXJytJBRu0	Dr. Rexie
Evaluation of Postfix	Data Structures and Algorithms	https://www.youtube.com/embed/yTAlbUb3e5s	Dr. Rexie

Expression using Stack			
Application of Stack Recursive Function Calls	Data Structures and Algorithms	https://www.youtube.com/embed/Xj4i-6cmj_g	Dr. Rexie
Queue Data Structure	Data Structures and Algorithms	https://www.youtube.com/embed/3FbFKaODMU0	Dr. Rexie
Circular Queue Data Structure	Data Structures and Algorithms	https://www.youtube.com/embed/0XokgNexlsg	Dr. Rexie
Linked List	Data Structures and Algorithms	https://www.youtube.com/embed/o3A-pzSZtpY	Dr. Rexie
Singly Linked List Insertion	Data Structures and Algorithms	https://www.youtube.com/embed/w973-NdQVhg	Dr. Rexie
Singly Linked List Deletion	Data Structures and Algorithms	https://www.youtube.com/embed/1FId2QoOby4	Dr. Rexie
Circular Linked List	Data Structures and Algorithms	https://www.youtube.com/embed/DfVfM0VdrQ8	Dr. Rexie
Doubly Linked List	Data Structures and Algorithms	https://youtube.com/embed/WewG5Ls6rH8	Dr. Rexie
Searching Algorithms	Data Structures and Algorithms	https://youtube.com/embed/vn_kV49Cf0Y	Dr. Rexie
Insertion Sorting	Data Structures and Algorithms	https://youtube.com/embed/8PRikZBeEhU	Dr. Rexie
Bubble Sorting	Data Structures and Algorithms	https://youtube.com/embed/XlPW2biuG_A	Dr. Rexie
Merge Sort	Data Structures and Algorithms	https://youtube.com/embed/IF_a7h4qNMM	Dr. Rexie
Quick Sort	Data Structures and Algorithms	https://youtube.com/embed/RFcSX5srH3s	Dr. Rexie
Hashing	Data Structures and Algorithms	https://www.youtube.com/embed/cvvEGXluylY	Dr. Rexie
Binary Tree Traversal	Data Structures and Algorithms	https://youtube.com/embed/DaPGdo7w_E8	Dr. Rexie
Construction of Binary Tree from Traversal	Data Structures and Algorithms	https://youtube.com/embed/HnfZp_IZYAI	Dr.. Rexie
Graph Data Structure	Data Structures and Algorithms	https://youtube.com/embed/bbxr_1Thkh4	Dr. Rexie
Tree Data Structure	Data Structures and Algorithms	https://youtube.com/embed/lT0sR7cKja0	Dr. Rexie
Python Features	Python Programming	https://www.youtube.com/embed/lWEMMO5e6i0	Dr.Naveen Sundar
Python Variable	Python Programming	https://www.youtube.com/embed/ov60WnFj0z4	Dr.Naveen Sundar
Python Variable Names	Python Programming	https://www.youtube.com/embed/oiLfh8iY-H8	Dr.Naveen Sundar
Python Data Types	Python Programming	https://www.youtube.com/embed/7BOjtyjAqRI	Dr.Naveen Sundar
Python Arithmetic Operators	Python Programming	https://www.youtube.com/embed/-b7pHl3KvBY	Dr.Naveen Sundar
Python Comments	Python Programming	https://www.youtube.com/embed/S6Bgt6euOww	Dr.Naveen Sundar

Python Assignment Operators	Python Programming	https://www.youtube.com/embed/DH5zYNMJAQ8	Dr.Naveen Sundar
Python List Introduction	Python Programming	https://www.youtube.com/embed/8qAQXLeWB2w	Dr.Naveen Sundar
Python List Access	Python Programming	https://www.youtube.com/embed/fvR39azq8JY	Dr.Naveen Sundar
Python List Change Items	Python Programming	https://www.youtube.com/embed/Pc2vDEiyPnM	Dr.Naveen Sundar
Python Module	Python Programming	https://www.youtube.com/embed/DZT3r9Fwxj4	Dr. Naveen Sundar
Variables in Module	Python Programming	https://www.youtube.com/embed/haTJgTkz3js	Dr. Naveen Sundar
Naming and Renaming Module, Import from Module	Python Programming	https://www.youtube.com/embed/89bxXDhFgQg	Dr. Naveen Sundar
Python Function Creation and Function Call	Python Programming	https://www.youtube.com/embed/Jdi2MplUbPk	Dr. Naveen Sundar
Python Function Arguments	Python Programming	https://www.youtube.com/embed/m0IIrMjCOkY	Dr. Naveen Sundar
Python Function - Passing a List as Argument & Return Statement	Python Programming	https://www.youtube.com/embed/i6YMZQB5Ipo	Dr. Naveen Sundar
Python List Introduction	Python Programming	https://www.youtube.com/embed/G9lJ3t8Qc1s	Dr. Naveen Sundar
Python Access List Item	Python Programming	https://www.youtube.com/embed/m-XjxWnNrkI	Dr. Naveen Sundar
Python Add List Items	Python Programming	https://www.youtube.com/embed/TxAcPvxzrGQ	Dr. Naveen Sundar
Python Remove List Item	Python Programming	https://www.youtube.com/embed/vXdJ38EfTe8	Dr. Naveen Sundar
Python Dictionary Introduction	Python Programming	https://www.youtube.com/embed/DmECqGxNs9A	Dr. Naveen Sundar
Python Access Dictionary Items	Python Programming	https://www.youtube.com/embed/JNkITlm3EPw	Dr. Naveen Sundar
Python Add Dictionary Items	Python Programming	https://www.youtube.com/embed/AvEamKRlOjY	Dr. Naveen Sundar
Python Remove Dictionary Item	Python Programming	https://www.youtube.com/embed/fGMedfFKFvo	Dr. Naveen Sundar
History Of Improvement of Ornamental plants	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/iEWzcPoFJN0	Dr. Ranchana
Centre of Origin of Flowers and ornamental Crops	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/6Uz0zSt3ubc	Dr. Ranchana
Objectives and Techniques in	Breeding and seed production of flower	https://www.youtube.com/embed/DoDddXc-gks	Dr. Ranchana

Ornamental Plant Breeding	and ornamental plants		
Rose Breeding	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/hDpJanSmZFE	Dr. Ranchana
Carnation Breeding	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/6PJqt9teNpA	Dr. Ranchana
Lilium Breeding	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/GdB7gajkge0	Dr. Ranchana
Orchid Breeding	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/N200tinwfCg	Dr. Ranchana
Anthurium Breeding	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/_-u4cOb-Npc	Dr. Ranchana
Gerbera Breeding	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/z80j0gEoW20	Dr. Ranchana
China Aster Breeding	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/ZOeqLo5Wg_s	Dr. Ranchana
Gladiolus Breeding	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/-P4en0KMI1M	Dr. Ranchana
Heliconia Breeding	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/nMaiCR4fwfY	Dr. Ranchana
Tuberose Breeding	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/IdJmDfcO4zE	Dr. Ranchana
Marygold Breeding	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/yBMPHWSIxrw	Dr. Ranchana
Crossandra Bredding	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/a2LFhXOhSbY	Dr. Ranchana
Hibiscus Breeding	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/f9uX_01QR58	Dr. Ranchana

Bougainvillea Breeding	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/qI1MGzgsDqE	Dr. Ranchana
Petunia Breeding	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/uNlj9WvEFC8	Dr. Ranchana
Pansy Breeding	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/kGx17lfj_a4	Dr. Ranchana
Biological Control of Insect Pests	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/zDWZujG6UQA	Dr. E. Adlin Pricilla Vasanthi
Importance and Scope of Ornamental Crops, Medical and Aromatic Plants and Landscaping	Breeding and seed production of flower and ornamental plants	https://www.youtube.com/embed/YoIc8sjfSRY	Dr. Manjula
Virtual Lan (VLAN)	Networks	https://www.youtube.com/embed/S_IQ_YVGDys	Dr . A. Kathivel
Introduction to Semiconductor	Electron Devices	https://www.youtube.com/embed/Uc76yVxWk7Y	Dr. G Shine Let
Energy Band Diagram of Solids	Electron Devices	https://www.youtube.com/embed/PVL7Y3FXXMU	Dr. G Shine Let
Types of Semiconductor	Electron Devices	https://www.youtube.com/embed/OKi9R2stJsU	Dr. G Shine Let
Introduction to Machine Learning	Machine Learning	https://www.youtube.com/embed/bQSR9gkdPNQ	Dr. Shamila Ebenezer
Linear Regression	Machine Learning	https://www.youtube.com/embed/3FVKwhM0Axg	Dr. Shamila Ebenezer
Logistic Regression	Machine Learning	https://www.youtube.com/embed/xsMYDnfnyyg	Dr. Shamila Ebenezer
Circuit Theory vs. Field Theory	Electromagnetic Fields & Waves	https://www.youtube.com/embed/c77LBJCMs4c	Dr.S. Merlin Gilbert Raj
Introduction to Embedded Systems and Embedded Real-time Operating Systems	Embedded Systems Design	https://www.youtube.com/embed/Yys2KNqGgZU	Dr. Victor Du John H
Numerical Integration: Trapezoidal Rule	Numerical Methods	https://www.youtube.com/embed/y9wCpjcCYpk	Dr. P. Xavier
Non Linear Programming	Optimization Techniques	https://www.youtube.com/embed/pZGW8AsveKU	Dr.J.Daphy Louis Lovenia
Block Diagram Reduction	Process Control for Food Engineers	https://www.youtube.com/embed/UytlQsdNCVQ	Mr. Kingston Stanley P

Arrays in C Programming	Fundamentals of Computing and Programming	https://www.youtube.com/embed/uymwu89HeJo	Mr. Andrew J
Time Management	Value Education	https://www.youtube.com/embed/_BhyNvvQL3w	Mrs. B. Paulin Ebenezer
Inhibition Kinetics	Enzyme Engineering	https://www.youtube.com/embed/qJuovwksBXA	Dr. Reya Issac
Expected Value of 2D Random Variables	Probability and Distributions	https://www.youtube.com/embed/s5Md4dkDPh4	Dr.K.Rebecca Jebaseeli Edna
Closure Properties of Regular Languages	Theory of Computation	https://www.youtube.com/embed/SDMpu75zxG8	Dr. Rexie J A M
Be a Leader	Value Education	https://www.youtube.com/embed/MJ3H-DM4JBI	Mrs.K.Jamuna
Normal Distribution	Probability and Statistics	https://www.youtube.com/embed/LVyPCtqzUGY	Dr. J. Catherine Grace John
Introduction to Nanoscale Transistors	Nanoelectronics	https://www.youtube.com/embed/ECRARNOy7WE	Dr. Surseh
PHP Functions and Objects	Web Technology	https://www.youtube.com/embed/0WJutwpzNwg	Dr.J.Anitha
Finite Field Extension	Field Theory	https://www.youtube.com/embed/BnaSU0ZTlDs	Dr. B Elavarasan
Ultrasonic Waves-Definition and Production	Engineering Physics	https://www.youtube.com/embed/qAw9t0DzPGc	Dr.R.Jeba Beula
Properties of Matrix	Mathematical Foundation	https://www.youtube.com/embed/t4jwRLI-h3k	Dr S Jebasingh
Nonlinear systems	Control theory	https://www.youtube.com/embed/jN6pD1ShaUY	Dr. V. Kavitha
Origin of the Universe	Nuclear Physics	https://www.youtube.com/embed/XfUUv-1e4A0	Dr. D. Khanna
Leadership	Value education, Entrepreneurship	https://www.youtube.com/embed/CbNWobCAy6w	Prof. Anandaraj

4.3.2 Public events (lifelong learning)

KITS provided a platform for Conferences, webinars and seminars for knowledge sharing through interactions and forging collaboration.

Details of the Technical Conferences / Symposium / Workshops organized in the AY 2021-22				
Sl.No.	Event	Date	No. of participants	Collaborator
1	International Conference on Big-Data and Cloud Computing (ICBDCC'21)	20.08.2021 & 21.08.2021	85	Technical Sponsor - Springer

2	International Conference on Circuits, Devices and Systems (ICDCS'22)	21.04.2022 & 22.04.2022	95	Technical Sponsor - IEEE
3	International Conference on Robotics, Automation, and Intelligent Systems (ICRAINS-21)	12.11.2021 & 13.11.2021	55	Technical Sponsor - AIP Publishing
4	Autodesk Training on Fusion 360 Workshop	13.08.2021	122	Nil
5	MSC Software Indo-Pacific User Conference 2021 Accelerate Smarter Engineering	02.09.2021	51	Nil
6	Webinar on Prospective Research Aspects In Microelectromechanical Systems (MEMS)	09.09.2021	60	Nil
7	How to Publish Scholarly Books in Science and Technology	22.09.2021	100	Nil
8	Webinar on Ethics of Publication	23.11.2021	50	Nil
9	Webinar on Recent Trends in Additive Manufacturing Technology	29.01.2022	50	Nil
10	Webinar on Product Life Cycle Management	03.02.2022	45	Nil
11	One day Indo-USA SPARC workshop on Additive Manufacturing: Materials and Applications	07.02.2022	60	Nil
12	Online FDP program on Modern Trends in Manufacturing and Thermal Science (MTMTS-2022)	05.04.2022	35	Nil
13	Smart Manufacturing: Electro-Pneumatics with Illustrated library and Janatics catalogues	13.04.2022	49	Nil
14	FDP on Applications of Artificial Intelligence in Modern Manufacturing	03.08.2021 to 07.08.2021	114	Nil
15	FDP on Green and Renewable Energy Technologies for Sustainable Development	28.10.2021 to 03.11.2021	53	Nil

KITS has successfully executed numerous educational initiatives through the student Society.

Name of the student society	Title of the event organised by the club or society	Event organised On/Off campus	Date of the event	Event duration	Participants in the event
RACE	Trends in Technology	On-campus with internal and external stakeholders	2.9.2021 to 4.9.2021	3 days	12
IEEE	Webinar on Global Humanitarian Challenges – Assistive Technology Engineering	On-campus with internal and external stakeholders	15.10.21	0.5 day	140
BMESI	International Conference on Novel Approaches and Developments in Biomedical Engineering (ICNADBE- 2021)	On-campus with internal and external stakeholders	22.04.2021, 23.04.2021	2 days	112
Student Association-Creative Automation and Innovative Robotic Association (The Robotics Society)	ZESTRO	On-campus with internal and external stakeholders	30.03.2022	1 day	280
CAIRA	A Green Mile The Fifteenth of August Soldiers of fortune Young Warrior Movement Art of Any Sort Sweet Distribution Club Orientation Python Bootcamp Inter College Debate- Impact of Artificial intelligence on Humanity National Cleaning Day La Veintiocho -	On-campus with internal and external stakeholders	July 2021 - December 2021	1 day	250

	28th Club Installation Indian Cultural Heritage-Quiz Indian Cultural Heritage-Poster Making Swachhta Pakhwada Pledge Taking Green Backyard				
CAIRA	COBOTS	On-campus with internal and external stakeholders	23.08.2021	1 day	160
Association of Biotechnology	Operations in Pharmaceutical Industry Organized by Dr. S. Murugan and Dr. Jibu Thomas with 8 industry Resource Persons	On-campus with internal and external stakeholders	19.07.2021 to 04.08.2021	15 days	45
Association of Biotechnology	5 Day Internship on Essential Techniques in Biosciences-Sept 2021	On-campus with internal and external stakeholders	13.09.2021 to 17.09.2021	5 days	31
Association of Biotechnology	An Online Seminar on "Promising Career Prospects in Biological Sciences"	On-campus with internal and external stakeholders	02.09.2021	1 day	136
Association of Biotechnology	Inaugural function of the Department of Association "INVICTUS'21 and International Webinar on Deconstructing the Plant Cell Wall: Fungal Degradative Mechanisms and Their Exploitation	On-campus with internal and external stakeholders	27.10.2021	1 day	188
Association of Biotechnology	Ten Days Internship on Molecular and Analytical	On-campus with internal and external stakeholders	24.01.22 to 29.01.2022 &	10 days	66

	Techniques for Plant Sciences		21.02.22 to 25.02.22		
Entrepreneurial Talk	"Unique Challenges faced by Entrepreneurs"	On-campus with internal and external stakeholders	18.03.2022, AN	0.5 days	97
Industry Interactive Sessions	Sales and Distribution in Fertiliser Industry	On-campus with internal and external stakeholders	09.04.2022, FN	0.5 days	98
Logistics Club	Current Trend in Logistics	On-campus with internal and external stakeholders	03.11.2022 AN	0.5 days	85
Aerospace Engineering	Career Development Webinar	On-campus with internal and external stakeholders	28.07.2021 to , 30.07.2021	0.75 days	100
Aerospace Engineering	Career Development Webinar	On-campus with internal and external stakeholders	13.10.2021	0.25 days	75
Aerospace Engineering	Engineering career in Armed forces and Career Guidance	On-campus with internal and external stakeholders	11.03.2022	0.25 days	142
Aerospace Engineering	Career Counselling and Guidance	On-campus with internal and external stakeholders	28.01.2022	0.25 days	74
Aerospace Engineering	Success story of an Entrepreneur E-Cell	On-campus with internal and external stakeholders	18.02.2022	0.25 days	74
Aerospace Engineering	Mock interview – 2018-22 B.Tech	On-campus with internal and external stakeholders	23.03.2022	0.25 days	51
Aerospace Engineering	Entrepreneurial Potential- Emerging Trends in Entrepreneurship Development	On-campus with internal and external stakeholders	10.03.2022	0.25 days	60
Aerospace Engineering	Business Environment, Opportunities- Elements of Entrepreneurial Ventures	On-campus with internal and external stakeholders	22.03.2022	0.25 days	60

Aerospace Engineering	New technology in Entrepreneurship	On-campus with internal and external stakeholders	24.03.2022	0.25 days	60
Aerospace Engineering	Advance Training Programme – Gateway to Core Placements	On-campus with internal and external stakeholders	08.04.2022	1 day	142
Real world Open Source Intelligence (OSINT) Hacking	Real world Open Source Intelligence (OSINT) Hacking	On-campus with internal and external stakeholders	17.07.2021	1 Day	150
Smart Rural Community Hackathon	Smart Rural Community Hackathon	On-campus with internal and external stakeholders	22.03.2022 – 22.03.2022	2 Days	17
Training Session by Microsoft Azure	Training Session by Microsoft Azure	On-campus with internal and external stakeholders	31.0.2022	1 Day	30

4.3.3 Vocational Training Events (lifelong learning)

Several vocational training courses are provided to women in order to help them "learn and earn." These courses are conducted at vocational training centers located across various parts of India through SEESHA, where women are trained in a range of skills including tailoring, computer proficiency, bag making, and soft toy manufacturing. It is worth noting that some of these projects are carried out in collaboration with esteemed government agencies, such as Jan Shikshan Sansthan.

SEESHA has provided vocational training to 934 women and girls from underprivileged backgrounds. These training programs focus on in-demand skills such as Commercial Tailoring, Beautician services, Aari work, Embroidery, Artificial Jewellery & soft toy making, soft skills, and Entrepreneurship Development training. The training courses were offered at the following 9 project locations:

- Arakkonam
- Bengaluru
- Chennai
- Coimbatore
- Cuddalore
- Hyderabad
- Mumbai
- Ranchi
- Vyara Gujarat

After the completion of the training, Self-Help Groups were formed and seed money was disbursed to aspiring women entrepreneurs in Cuddalore, Ranchi, Chennai, Mumbai and Coimbatore project locations.

4.3.4 Educational Outreach activities beyond campus

KITS actively promotes and encourages educational outreach activities and competitions that extend beyond the confines of our campus.

- KITS Collaborations has partnered with the Primary Health Centre in Pooluvapatti to enhance healthcare services for local communities. Through this joint effort KITS has successfully improved medical facilities and accessibility, ensuring that essential healthcare services are readily available to those in need. Initiatives include Mobile Health Screening, Vaccination Drives, Immunization of Children, and Covid Testing Kiosk.
- KITS has partnered with DXC Technology to drive advancements in healthcare initiatives and promote digital solutions in the field. This collaboration aims to make a significant impact by organizing vaccine drives and empowering women through training programs across nine locations in India.
- A testament to the university's commitment to geriatric care is its collaboration with Tapovan. As part of this collaboration, a 24/7 dispensary has been established at the Old Age Care Home in Kuppanur, Madhampatty. The dispensary is staffed with dedicated nurses and regular doctor visits, ensuring the well-being of the elderly residents.
- KITS collaborations extend to tribal communities in conjunction with the Forest Department. The institutions commitment to education is clearly demonstrated through its partnerships with esteemed academic institutions such as Bishop Appasamy College, Sri Krishna College of Arts, Nehru Arts & Science College, and Kumaraguru College of Arts & Science. These collaborations not only enhance educational opportunities but also provide valuable internship programs, fostering holistic development.

- Collaborations with SEESHA and Immaculate Conception Convent exemplify the university's unwavering dedication to research training, community service, and the promotion of women's health and childbirth awareness.
- Rural Agricultural Work Experience (RAWE) and Experiential Learning Programme (ELP) are designed to provide a holistic learning experience, combining theoretical knowledge with practical application. By participating in these programs, our students not only enhance their academic qualifications but also develop the necessary skills and competencies to excel in their future careers.
- Karunya Institute of Technology and Sciences offers students a unique opportunity to create positive transformations within rural communities. The institution has established the Karunya Centre for Community Academia Collaboration (KCCAC) on September 9th, 2021. This collaborative platform brings together all student members and dedicated faculty program coordinators across nine different clubs.

Following are the events conducted by various clubs of KCCAC during the assessment year.

S.No	Club Name	Activity	Date	No. of students
1	Youth Red Cross Club	Free Corona Vaccination Camp	3.09.2021-4.09.2021	50
2	Youth Red Cross Club	Seminar on First Aid	12.02.2022	175
3	Youth Red Cross Club	Medical Camp	08.02.2022	30
4	Rotaract Club - TECH UNIT	A Green Mile	24.07.2021	25
5	Rotaract Club - TECH UNIT	Covid Warrior Movement	14.08.2021	250
6	Rotaract Club - TECH UNIT	National Cleaning Day	18.09.2021	250
7	Rotaract Club - TECH UNIT	Green Backyard	28.11.2021	250
8	Rotaract Club - TECH UNIT	Campus Cleaning	12.03.2021	150
9	Rotaract Club - TECH UNIT	International Day of Action for Rivers	22.03.2022	200
10	Rotaract Club - TECH UNIT	My Peace of Mind Matters	26.03.2021	200
11	Rotaract Club - SSAMM Unit	Medicinal Plantation	01.07.2021	40
12	Rotaract Club - SSAMM Unit	World Paper Bag Day	12.07.2021	51
13	Rotaract Club - SSAMM Unit	First Aid Training	02.09.2021	45
14	Rotaract Club - SSAMM Unit	Charity of Goodness	11.09.2021	39
15	Rotaract Club - SSAMM Unit	Walking with the Poor	30.09.2021	16
16	Rotaract Club -	SWACHH BHARAT	28.10.2021	19

	SSAMM Unit			
17	Photography and Video Club	Voting Awareness	12.03.2022	225
18	NSS	Environmental Day : Tree Plantation by NSS Volunteers	05.06.2021	121
19	NSS	Blood awareness campaign	14.06.2021	55
20	NSS	Webinar on Fire and Safety	11.12.2021	127
21	NSS	Webinar on Road Safety	02.02.2022	55
22	NSS	Swachh Bharat-Madawarayapuram	12.03.2022	55
23	NSS	School walls and gates painting - Mundandurai	14.03.2022	62
24	NSS	Swachh Bharat - Ramanthapuram Village	15.03.2022	57
25	NSS	Wall and black board painting - Nathegoundamputhur	17.03.2022	64
26	NSS	Little hearts- Orphanage Visit	21.04.2022	56
27	NSS	Swachh Bharat - Kallipalyam Village	22.04.2022	66
28	NSS	Swachh Bharat - Pudur	24.04.2022	64
29	NSS	Wall painting in Government School - Thondamuthur	26.04.2022	64
30	NCC	Tree Plantation	02.01.2022	110
31	NCC	Anti-Plastic Day	02.01.2022	126
32	Youth Red Cross Club	Orientation Program	14.08.2021	177
33	Youth Red Cross Club	Poster presentation – Seven principles of YRC	14.08.2021	295
34	Youth Red Cross Club	Webinar on How to secure my dream job in the current turbulant environment?	23.10.2021	295
35	Youth Red Cross Club	Online Quiz Competition- Mental Health, Publc health Threat	27.12.2021	15
36	Youth Red Cross Club	Webinar on FRAGILE: Handle Us With Care	12.02.2022	269
37	Youth Red Cross Club	Three Days Zonal Level Orientation Programme	24.03.2022-26.03.2022	114
38	Rotaract Club - TECH UNIT	The Fifteenth of August	14.08.2021	250
39	Rotaract Club - TECH UNIT	Soldiers of Our Nation	14.08.2021	250
40	Rotaract Club - TECH UNIT	Art of Any Sort	14.08.2021	250
41	Rotaract Club - TECH UNIT	Freedom to Remember	15.08.2021	20
42	Rotaract Club - TECH UNIT	Club Orientation	04.09.2021	80

43	Rotaract Club - TECH UNIT	Python Bootcamp	08.09.2021 - 30.10.2021	10
44	Rotaract Club - TECH UNIT	Inter College Debate Impact of Artificial intelligence on humanity	18.09.2021	250
45	Rotaract Club - TECH UNIT	La Veintiocho - 28th Club Installation	26.09.2021	50
46	Rotaract Club - TECH UNIT	Indian Cultural Heritage-Quiz	09.10.2021	250
47	Rotaract Club - TECH UNIT	Indian Cultural Heritage-Poster Making	09.10.2021	250
48	Rotaract Club - TECH UNIT	Swachhta Pakhwada Pledge Taking	27.11.2021	250
49	Rotaract Club - TECH UNIT	Picture Perfect	12.02.2021	200
50	Rotaract Club - TECH UNIT	Women's Day	12.03.2021	100
51	Rotaract Club - TECH UNIT	Women Empowering Women	12.03.2021	100
52	Rotaract Club - TECH UNIT	Art Time	12.03.2021	150
53	Rotaract Club - TECH UNIT	Food Style	26.03.2021	200
54	Rotaract Club - TECH UNIT	Epilepsy Awareness	26.03.2021	200
55	Rotaract Club - SSAMM Unit	PICTURA ESPERANTO	01.07.2021	35
56	Rotaract Club - SSAMM Unit	RESUME RECIPE	01.07.2021	46
57	Rotaract Club - SSAMM Unit	MEDICO DAY - A joint Project	01.07.2021	32
58	Rotaract Club - SSAMM Unit	YOUTH GOT TALENT	15.07.2021	104
59	Rotaract Club - SSAMM Unit	LINKEDIN - Digital Reputation	19.07.2021	25
60	Rotaract Club - SSAMM Unit	Club Orientation	21.07.2021	22
61	Rotaract Club - SSAMM Unit	All for One & One for All	23.07.2021	52
62	Rotaract Club - SSAMM Unit	Be the Leader Not the Boss	06.08.2021	23
63	Rotaract Club - SSAMM Unit	ARTICLE 15	14.08.2021	17
64	Rotaract Club - SSAMM Unit	INTER COLLEGE DEBATE	30.08.2021	29
65	Rotaract Club - SSAMM Unit	e-MYTH	30.09.2021	22
66	Rotaract Club - SSAMM Unit	NUTRITION EVERYDAY	09.10.2021	26
67	Rotaract Club -	SYNC OR SWIM	25.10.2021	30

	SSAMM Unit			
68	Rotaract Club - SSAMM Unit	SCHMALTZ MOMENT	20.11.2021	27
69	Rotaract Club - SSAMM Unit	SECRET TO START - UPS	15.01.2022	50
70	Rotaract Club - SSAMM Unit	ABODE AND BEYOND	21.01.2022	40
71	Rotaract Club - SSAMM Unit	THE CONSTITUTION DAY	20.01.2022	104
72	Photography and Video Club	Photography Challenge on Independence	14.08.2021	281
73	Photography and Video Club	Matribhasha Diwas – Seminar and Video Production	12.02.2022	163
74	Photography and Video Club	Women Empowerment – Seminar and Poster Design Challenge	26.03.2022	241
75	NSS	Pledge on "World Environment Day"	05.06.2021	75
76	NSS	Poster preparation - on "Anti Child Labour Day"	12.06.2021	25
77	NSS	Training Programme for MITAPP Inventor	21.07.2021	72
78	NSS	Training Programme for Python Programing	12.08.2021	71
79	NSS	Poster preparation on World Peace Day	21.09.2021	55
80	NSS	Unity-The great proponent in Gandhian era	02.10.2021	75
81	NSS	Poster making on: International Day for the Eradication of Poverty	17.10.2021	45
82	NSS	Shrestha Bharat webinar	09.10.2021	63
83	NSS	Awareness video making on reusable mask	07.09.2021	45
84	NSS	Webinar on Leadership	19.12.2021	125
85	NSS	Republic Day Webinar- India at 75	26.01.2022	73
86	NSS	TRAINING ON MIT APP INVENTOR	12.02.2022	72
87	NCC	Conservation of Water Bodies	02.01.2022	135
88	NCC	Waste Management	02.01.2022	145
89	NCC	Plog Run	02.01.2022	98
90	NCC	Cycle Rally	02.01.2022	112
91	NCC	Awareness Drive for Digital Payments	02.01.2022	136
92	NCC	Cleanliness Drive (Swachh Bharat Abhiyaan)	02.01.2022	95

93	NCC	Fit India Run	10.02.2021	157
94	NCC	Unity in Diversity	02.01.2022	128
95	NCC	Road Safety Awareness	02.01.2022	147
96	NCC	International Day of Yoga	21.06.2021	118
97	NCC	Online EBSB	04.10.2021 09.10.2021	146
98	NCC	International Women's Day	03.08.2022	126
99	NCC	Cyber Crime Awareness	15.03.2022	144
100	NCC	International Day for Girl Child/ Child Marriage/ Beti Bachao/ Beti Padhao	24.01.2022	125
101	NCC	World Water Day	25.07.2021	138
102	NCC	Elimination of one time use plastic plog run	25.07.2022	129
103	Outreach Club	Overhead tank for Piped water supply	23.02.2022- 30.3.2022	500
104	Outreach Club	Medical Camp at Pachinampathy tribe village	09.02.2022	75
105	Outreach Club	Medical Camp at tribe village	13.02.2023	75
106	Outreach Club	Solar lamps for community meeting	28.03.2022	50
107	Outreach Club	Agriculture crop planting	31.03.2022	250

4.3.5 Lifelong learning access policy

KITS has framed a policy in such a way that it promotes equitable access to learning opportunities for all, regardless of age, background, or location. Such policies encourage participation in lifelong learning initiatives. Supporting and increasing the proportion of first-generation students is a critical step towards achieving inclusive and equitable education. KITS has implemented targeted strategies to facilitate their success and ensure that they have the same educational opportunities as their peers. A higher proportion of first-generation students in higher education institutions signifies progress towards a more diverse and inclusive educational landscape, aligning with the goals of SDG 4.