

## INTERNAL QUALITY ASSURANCE CELL

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**PERIYAR  
MANIAMMAI**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
(Deemed to be University)  
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### MINUTES OF 96<sup>th</sup> INTERNAL QUALITY ASSURANCE CELL MEETING HELD ON 20.02.2020

The minutes of 96<sup>th</sup> meeting of Internal Quality Assurance Cell held on 20.02.2020 from 11.00 A.M., at the Russell Hall of PMIST, Vallam, Thanjavur, is as follows:

**The following Internal Quality Assurance Cell Members were present:**

1.	Dr. S. Velusami	Vice Chancellor	Chairperson
2.	Mr. V. Anburaj	Representative of BoM	Member
3.	Dr. S. Devadoss	Professor / Management Studies	Member
4.	Dr. P.K. Srividhya	Dean /Academic	Member
5.	Dr. S. Kumaran	Dean / Research (i/c)	Member
6.	Dr. K. Lakshmi	Dean /FCSE	Member
7.	Dr. R. Jayanthi	Dean /FET	Member
8.	Dr.A.George	Dean /FHSM	Member
9.	Dr. S. Senthamilkumar	Professor /Civil	Member
10.	Dr. C.V. Subramanian	Dir/ CSAS (i/c)	Member
11.	Er. S. Sampath Director, M/S Velmurugan Industries, Sengipatti, Thanjavur	Industry Representative	Member
12.	Er. N.T. Balasundaram Honorary Secretary /IE(I), Local Chapter, Thanjavur	Local Society Rep.	Member
13.	Mr.P.Vishnu Rathan, CEO/myhospitalsindia.com	Parent Rep.	Member
14.	Dr. KVR Rajandran	MR/UQMS & Coordinator / UQRM	Member
15.	Dr. T.P. Mani	Coordinator / IQAC (Data Management)	Special Invitee
16.	Dr. M. Sharmila Begum	Associate Professor / Software Engg.	Member
17.	Mr. A. Rajesh (III / ECE)	Chairperson /Student Council of PMIST	Member
18.	Dr. J. Sathyapriya	Associate Professor / MBA	Co-coordinator/ IQAC

**Members abstained with prior intimation:**

1.	Dr.S.Margret Anuncia Professor/ VIT University	Alumni	Member
2.	Mr. A. Dineshkumar Executive Senior Agency Manager, Kotak Mahindra Life Insurance Co Ltd, Chennai Branch.	Employer	Member

The meeting was started with a welcome address by the Honourable Vice Chancellor, Chairperson of IQAC followed by the Co-Coordinator of IQAC.

**PART - A GENERAL**

**Item 96.1: To confirm the minutes of the 94<sup>th</sup> meeting of the IQAC held on 06.11.2019**

The minutes of the 95<sup>th</sup> meeting of the IQAC was circulated to all the members through mail and confirmed as such since there was no remark / correction received.

**PART -B REVIEW OF PROGRESS OF ACTIVITIES - NAAC CRITERION WISE**

**Item 96.2: Criterion I - Curricular Aspects**

- Dr.SP.K. Babu, Criterion - I Convenor presented the details of 520 courses on employability / skill development / Entrepreneurship offered during the odd semester of 2019-20 academic year across various programmes. The details are given as Annexure - 1.
- He also highlighted about the 138 new courses offered during 2019-20 academic year by various programmes to meet the present and future requirement of industry. The details are presented as Annexure - 2.
- He presented the list of Value added courses are offered by various departments to the holistic development of the students apart from the curriculum. The courses have more than 30 hours of duration and the summary of such courses offered during the 2019-20 odd semester. The details are provided in Annexure - 3.

**Item 96.3: Criteria - II - Teaching Learning and Evaluation**

- The Criterion Convenor Dr.K.Lakshmi presented the details of who received awards, recognition, fellowships at State, National, International levels from Government, recognized bodies.

<b>Name of full time teachers receiving awards</b>	<b>Year of Award</b>	<b>Name of the award, fellowship, received from Government or recognized bodies</b>
Dr.S. Asokan	Oct 2019	Lifetime Achiever Award" by the Marutham Research Foundation based at Kumbakonam
Dr.R.Arumugam	Oct 2019	National Level Award -Perasiriyar Kalaimani Award – 2019, Awarded by Kaviyarasar Kalai Tamil Sangam, Namakkal
Dr.R.Arumugam	Oct 2019	Department Award- Pulliyiyal Semmal Awarded by Erode Tamil Sangapperavai, Erode
Dr.S.Senthamilkumar	Nov 2019	Cost effective Prefabricated Modular Toilet-Project Fund Rs.3,45,000/- sanctioned by TNSCT under STP
Dr.D.Jeyasimman	Dec 2019	IGIP International Engineering Educator from International Society of Engineering Pedagogy
Dr.C.V.Subramanian	Dec 2019	Appointed as Vice-Chairman, Indian Institute of Architects, Thanjavur Sub-Centre

**Item 96.4: Criteria - III - Research, Consultancy and Extension**

- Dr.S.Kumaran, Dean / Research presented the details about the Research funds sanctioned and received from various agencies, industry and other organisations.

Nature of the Project	Duration	Name of the funding Agency	Total grant sanctioned	Amount received
Major projects	1 year	Tamil Nadu State Council for Science and Technology	Rs. 3,45,000/-	2019-2020
Industry sponsored Projects	6 months	Thennagam, Chennai	Rs. 1,00,000/-	2019-2020
Projects sponsored by the University/ College	6 months	PMIST (Seed money 23 project)	Rs.9,43,800/-	2019-2020

<b>Students Research Projects (other than compulsory by the College)</b>				
International Projects	28 days	University of Iowa	Rs.1,15,000/-	2019-2020
Others	Three Day National Seminar	Indian Council of Social Science Research (ICSSR)	Rs. 2,50,000/-	2019-2020 (CSA)
<b>Total</b>			<b>16,53,800</b>	

- Dr.S.Kumaran, Dean / Research presented the details Workshops/Seminars Conducted on Intellectual Property Rights (IPR) and Industry-Academia Innovative practices.

<b>Title of Workshop/Seminar</b>	<b>Name of the Dept.</b>	<b>Date(s)</b>
One Day Workshop on Startup Opportunities – Role of IT	Institution Innovation Council	1 <sup>st</sup> Nov 2019
Entrepreneurship in Tamil Nadu: The Trillion dollar dream	Institution Innovation Council	9 <sup>th</sup> Nov 2019
Discussion on Intellectual property rights and Development – Exclusive for Science & Engineering	Institution Innovation Council	25 <sup>th</sup> Nov 2019
Requirements for Operation of RPAS / Drones In India	Institution Innovation Council	17 <sup>th</sup> December 2019
Strategies to conserve the Biodiversity of Native Cattle Breed in India	Institution Innovation Council	4 <sup>th</sup> Oct. 2019
One Day Seminar on Entrepreneurship Opportunities in Aerospace Sector	Institution Innovation Council	15th Oct. 2019
Sharing Biocline's Business Experience and Challenges	Institution Innovation Council	23rd Oct. 2019
Design Workshop on Product Design – Idea to Detail	Institution Innovation Council	24th Oct. 2019
One Day Workshop on Innovation the way forward to be successful entrepreneur	Institution Innovation Council	25th Oct. 2019
One Day Workshop on Advanced AutoCAD Design for Electrical Engineering	Institution Innovation Council	29th Oct. 2019
Developing the Tradition into the Technology	Institution Innovation Council	31th Oct. 2019

- Dr.S.Kumaran, Dean / Research highlighted that 08 Ph.D's were awarded during this quarter.
- He also highlighted that Research Publications in the Journals notified on UGC website

<b>Research Publications in the Journals notified on UGC website</b>			
	<b>Department</b>	<b>No. of Publication</b>	<b>Average Impact Factor, if any</b>
<b>National</b>	-	-	-
<b>International</b>	EEE	07	-
<b>International</b>	Chemistry	01	-
<b>International</b>	ECE	2	-
<b>International</b>	Civil Engg.	3	-
<b>International</b>	Mathematics	5	-

- He also presented the details of books authored and published by our faculty members.

<b>Name of the Faculty</b>	<b>Department</b>	<b>No. of publication</b>
Dr.S.Senthamilkumar	Civil Engineering	01
Dr.K.Selvakumar	Political science	02
Dr. Sathyapriya J, Mr. Guru.P and Dr.P.K.Srividhya	Management Studies & Dean Academic Office	01
Dr Sathyapriya J & Dr KVR Rajandran	Management studies	01
Dr. P. K. Srividhya & A. Pugazhenth	Mechanical Engineering	01
Dr.C.V.Subramanian, Ar.N.Ramesh babu, Ar.K.Jasmine vidhya, Ar.	Architecture	01

K.Edhaya, Ar. E. Uma Mouthiga		
Dr. P. Aruna & Dr. A. George	Software Eng. & Mathematics	01
Dr.G.Thamilvanan, Dr.P.K.Srividhya, Mr.C.M.Vivek	Education & mechanical	01
Dr.J.Jeyachidra and Mr.P.Illavarason	CSA	01
V.Baskaran and Dr.K.Kesavan	Physics	01
Dr. D. Umamaheswari, Dr. R. Prakash, Mrs. K. Suganthi	Commerce	01
Dr .G.Saravana Venkatesh	EEE	01

- Dean Research detailed the Bibliometrics of the publications during the quarter based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index - 8 Nos. The list is provided as Annexure -4.
- He presented the details of Faculty participation in Seminars/Conferences and Symposia.

No. of Faculty	International level	National level	State level	Local Level
Attended Seminars/ Workshops	15	34	-	42
Presented papers	04	04	-	-
Resource Persons	-	3	-	-

- He highlighted that 19 extension and outreach programmes conducted in collaboration with industry, community and Non-

Government Organisations through NSS/ NCC/ Red Cross/ Youth Red Cross (YRC) etc., The list is provided as Annexure – 5.

- The details of students participating in extension activities with Government organisations, Non-Issue, etc., were presented.

Name of the scheme	Organising unit/ agency/ collaborating agency	Name of the activity	Number of teachers coordinated such activities	Number of students participated in such activities
RRC (Red Ribbon Club)	RRC & TANSACS	Aids Day – Oath Taking	1	52
Fundamental Rights	Department of Political Science, PMIST	Lecture	3	47
Prevention of Child Marriage & The prohibition of child act-2006	Department of Social work, PMIST & Dept of district Social Welfare Board, Govt. of Tamilnadu	Lecture	1	21

- The collaborative activity for research, faculty exchange, student exchange was highlighted by Dean Research.

Participant	Source of financial support	Duration
135 students and 5 faculty members	SIEMENS Lab (NITT)	One Day on 20.12.2019

- Dr.Kumaran presented the 85 Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc., of this quarter. The details are given as Annexure – 6.

- He also explained the details of 10 MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc., and the details are provided in Annexure - 7.
- Mr.V.Anburaj, Representative of Board of Management appreciated for the efforts taken.

**Item 96.5: Criteria - IV - Infrastructure and Learning Resources**

Dr. Senthamilkumar presented a detailed report of the completed infrastructure facilities in the previous quarter. He also explained about the maintenance of Campus Infrastructure to the members.

**Item 96.6: Criterion - V - Student Support and Progression**

- Dr. CV. Subramanian highlighted about the students participation in various events, competitions and programmes outside the PMIST Campus.

Date	Name of the award/ medal	National/ International	Sports	Student ID number	Name of the student & Dept.
18 to 24th Dec 2019	Fourth place	National	Roller skating	1170120111085 1170120111072	S.N.Thariq Ahamed & M.Jeevanandham Civil
28 <sup>th</sup> Oct 2019	Winner - Award	National	Kabbadi	1170120610587	Mr. C. Ram Kumar Civil
03 <sup>th</sup> Nov 2019	Winner - Award	National	Kabbadi	1170120610587	Mr. C. Ram Kumar Civil

- Dr. C.V. Subramanian presented a summary report of Student participation in the events, competitions and programmes outside the campus; NSS, YRC Society oriented programmes conducted and students' participation; Sports Activities, NCC activities and various programmes organised by Centre for Students and Administrative Services (CSAS) for the staff and students during the previous quarter and their outcomes.
- He has also highlighted the activities of Centre for Industry Institution Interaction (CII).

Total number of offers issued : 315  
 Number of students placed : 123  
 Total number of companies visited : 13

**Item 96.7: Criterion – VI -Governance, Leadership and Management**

- Dr. KVR.Rajandran has briefed about the details of Teachers provided with financial support to attend conferences / workshops and towards membership fee of professional bodies.

<b>Name of teacher</b>	<b>Name of conference/ workshop attended for which financial support provided</b>	<b>Amount of support (in Rupees)</b>
A.Mohamed ismail	The art of teaching and learning engineering graphics NIT CALICUT	5,900/-
Dr.D.Jeyasimman	National level workshop on NIRF India Ranking Kuttikkanam	3,641/-
V.Saranya Venkatesan& E.UmaMouthiga	Research Methods & Analytical Applications in Architecture & Urban Planning by COA-TRC	10,070/-
K.Chitra	National Workshop on Socially Relevant Technical Education: Exploring Cooperation Oriented Action	2,500/-
Dr.D.Umamaheswari	Public Management Systems	1,500/-
Mr. P.Guru	STTP on Pedagogy tools in Engineering and Social Sciences	1,548/-
Ms.K.Suganthi	STTP on Pedagogy tools in Engineering and Social Sciences	4,720/-
Ms.P. Mala	2nd National workshop on Bioprocessing Strategies for Biofuels: Production, Modelling, Simulation and Optimization	4,000/-

Mr.I.Karthic Subramaniyan	Advanced Tools And Techniques For Research In Engineering Problems	4000/-
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- The details of Professional development / administrative training programmes organized by the University for teaching and non teaching staff were presented.

<b>Title of the professional development programme organised for teaching staff</b>	<b>Title of the administrative training programme organised for non-teaching staff</b>	<b>Dates (from-to)</b>	<b>No. of participants (Teaching staff)</b>	<b>No. of participants (Non-teaching staff)</b>
-	Time and File Management	13.12.2019 to 15.12.2019	-	30
Two Days national Level Symposium on BIONICS 19' Trends in Biotechnology	-	11.12.2019 & 12.12.2019	07	02

- Dr.KVR Rajandran highlighted that 67 faculty members attended /attending professional development programmes, viz., Orientation Programme, Refresher Course, Short Term Course, Faculty Development Programmes during this quarter. The details are provided as Annexure - 8.
- He presented the details about the Funds / Grants received from management, non-government bodies, individuals, philanthropies in this quarter.

<b>Name of the non government funding agencies/ individuals</b>	<b>Funds/ Grants received in Rs.</b>	<b>Purpose</b>
Anbarasu Memorial Scientific Innovation Award	100,000	Infrastructure Maintenance & Books procurement

- Dr.KVR Rajandran briefed about the quality initiative taken by IQAC in this quarter.

Name of quality initiative by IQAC	Date of activity	Duration	Number of participants
Two Day National Conference on "Emerging Management and Technology Practices"	10th & 11th October 2019	2 Days	11

**Item 96.8: Criterion - VII - Innovation and Best Practices**

- Dr. R. Jayanthi highlighted the details of various programmes organised by the institution for the Promotion of Gender Equity in this quarter.

S.No.	Date	Topic of the programme	Students participated	
			Boys	Girls
1.	04.11.2019	Lecture on "The effect of Gender inequality on health" by Dr.Lily pushpam, Chief Counselor, PMIST	39	28
2.	06.11.2019	Lecture on "Gender Equality, Women Rights and Empowerment" by Ms.Madhumitha Gomathinayagam, Manager HR & Operations, Advances Solutions (P) Ltd., Chennai	--	286
3.	27.11.2019	Training on "Impact of Cyber Crime against Children and Women" at Police In – Service Training Centre by Department of Social work , PMIST	9	5
4.	13.12.2019	A lecture on "Crimes against Women and Girls" by Dr.P. Vijayalakshmi, Asso. Prof., & NCC Officer, PMIST	13	24
<b>Sessions conducted on Counseling</b>				
5.	22.10.2019	A talk on "Self Control"	0	33
6.	04.11.2019	A talk on "Attitudes towards the parents, Teachers and Friends"	--	122

7.	07.11.2019	A talk on "Faith and Hope"	14	12
	14.12.2019	Training programme on "Child Psychology and Counselling" at PMIST	8	10
8.	17.12.2019	A talk on "Cooperation"	39	19

- Dr.R.Jayanthi briefed about the Green Campus Initiatives taken during this quarter.

Restricted entry of automobiles	Every second Friday of alternate months has been decided to follow as "NO VEHICLE DAY"
Landscaping with trees and plants	375 tree saplings planting from Oct 2019 – Dec 2019
Ban on plastic	"Swachhata Hi Sewa Campaign" on 01.10.2019, the plastic wastes were collected and removed from the Hostels, Cafeteria, Stores, Administrative and Education Blocks

- She presented the Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities. The details are provided as Annexure – 9.
- The details about the Sensitization of students and employees of the Institution to the constitutional obligations: Values, Rights, Duties and Responsibilities of Citizens through various programmes in the institution were presented.

Sl. No.	Title of the Programme	Duration
1.	Guest Lecture Programme on National Identities with a Special Reference to the State Emblem of India	05.11.2019
2.	Celebration of Constitution Day	26.11.2019
3.	Dr.B.R.Ambekar and Indian Constitution	06.12.2019

4.	Human Values in Nation Building	09.12.2019
5.	Observance of World Children's Day for Prevention of Child Abuse	19.11.2019
6.	Observance of 30th anniversary of UNCRC (United Nations Convention on the Rights of the Child).- Special Open House at Thirukkanurpatti	20.11.2019
7.	Pledge by Faculty member on Women rights in National Commission for Women	20.11.2019 – 23.11.2019

- Dr.R.Jayanthi briefed about the various National and International Commemorative days, events and festivals celebrated / organized at Institution during this quarter.

S.No.	Event	Date
1	Unity day – 144 <sup>th</sup> Birthday of Sardhar Vallabhbhai Patel	31.10.2019
2	35 <sup>th</sup> Death Anniversary of Former Prime Minister of India Tmt Indra Gandhi	31.10.2019
3	Children's Day Celebration at Mariyamman Kovil Government Girls Hrs School	14.11.2019
4	Thanthai Periyar 46 <sup>th</sup> Commemoration Day-Special Address delivered in the topic of Periyar: The Dawn. By Hon'ble Thiru N.Siva, Member of Parliament,	24.12.2019
5	Celebration of Esteemed Chancellors 87 <sup>th</sup> Birth Day- Special Address delivered in the topic of Asiriyar: The Spacious Horizon – Non Severable by Thiru .Nanjil Sampath, Literary Orator	02.12.2019
6	Celebration of World soil day under the theme of Stop soil erosion and save our future - Lecture on "Strategies for controlling soil erosion and land sliding" by Dr.S.Senthamilkumar, Dean FET, PMIST	05.12.2019

The coordinator of IQAC proposed the vote of thanks.

**Dr. Sathyapriya J**  
Co-Coordinator / IQAC

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To:  
Members of IQAC  
All the Deans, Directors, MR/QMS, Co-ordinator / IQAC  
Heads of Department & Section Heads

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**Annexure – 1**

**COURSES ON EMPLOYABILITY/SKILL/ ENTREPRENEURSHIP**

<b>S.No.</b>	<b>Programme</b>	<b>Course Code</b>	<b>Course Name</b>
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1.	B.Arch	XAR101	History of Architecture – I (Hindu & Buddhist)
2.		XAR102	Theory of Architecture – I
3.		XAR104	Architectural Graphics –I
4.		XAR105	Communication skills
5.		XAR106	Visual Arts I
6.		XAR107	Basic Design
7.		XAR301	Mechanics of Structures – II
8.		XAR302	History of Architecture – III
9.		XAR303	Climate and Architecture
10.		XAR304	Building services I
11.		XAR305	Materials and Construction –III
12.		XAR306	Visualization and Representation
13.		XAR307	Architectural Design – II
14.		XAR501	Design of Structures – II
15.		XAR502	Contemporary Architecture
16.		XAR503	Culture and Architecture
17.		XAR504	Site planning and Surveying
18.		XAR505	Materials and Construction- V
19.		XAR506	Digital Design & Media tools
20.		XAR507	Architectural Design – IV
21.		XAR901	Professional Practice & Ethics
22.		XAR902	Housing

23.		XAR903A	Architectural Conservation
24.		XAR904B	Landscape Architecture
25.		XAR905	Dissertation
26.		XAR906	Architectural Design – VII
27.	M.Arch	YAR101	Emerging Practices in Housing
28.		YAR102	Appropriate Materials and Technology for Sustainable Architecture
29.		YAR104	Services in High rise Buildings
30.		YAR105	Architectural Design Studio –I
31.		YAR301	Sustainable Landscape Design
32.		YAR302	Heritage Conservation Planning
33.		YAR303	Urban Design Practices
34.		YAR304B	Energy Efficient Architecture
35.		YAR305	Dissertation
36.		YAR 306	Architectural Design Studio – III
37.	B.Tech (Aerospace)	XMA101	Calculus and Linear algebra
38.		XCP102	Programming for problem solving
39.		XGS103	English
40.		XAS104	Applied chemistry for engineers
41.		XWP105	Workshop practices
42.		XMA301	Transforms and Partial differential Equations
43.		XAS302	Material science and Metallurgy
44.		XAS303	Solid Mechanics and Fluid Mechanics

45.		XEM304	Engineering Mechanics
46.		XUM305	Entrepreneurship Development
47.		XAS306	Engineering Thermodynamics
48.		XAS307	In-Plant Training-I
49.		XMA501	Numerical Methods
50.		XAS502	Compressible Aerodynamics
51.		XAS503	Mechanics of Machines
52.		XAS504	Advanced Aircraft structures
53.		XAS505E	Navigations Systems
54.		XTQ506	Total Quality Management
55.		XGS507	Business Communication
56.		XAS508	In-Plant Training-II
57.		XAS702	Avionics
58.		XAS703	Computational Fluid dynamics
59.		XAS704A	Space weapons and warfare
60.		XAS705A	Experimental stress analysis
61.		XUM706	Cyber security
62.		XGS708	Career Development skills
63.		XAS707	Project phase-I
64.		XAS709	In-Plant Training-III
65.	B.Tech	XEG105	Engineering Graphics
66.	(Bio	XBT303	Biochemistry

67.	Technology)	XBT304	Microbiology	
68.		XBT501	Plant Biotechnology	
69.		XBT 503	Recombinant Dna Technology	
70.		XBT504	Bioprocess Engineering	
71.		XGS507	Business Communication	
72.		XBT508	In-Plant Training - Ii	
73.		XBT702	Bioinformatics And Computational Biology	
74.		XBT703	Downstream Processing	
75.		XBT707	Project Phase - 1	
76.		XGS708	Career Development Skills	
77.		XBT709	Inplant Training-III	
78.		B.Tech (Civil)	XCE702	Construction Project Management
79.			XCE703	Cost Estimation and Valuation
80.	XCE704A		Prestressed Concrete Structures	
81.	XCE705 D		Solid and Hazardous Waste Management	
82.	XCE707		Project Phase – I	
83.	XGS708		Career Development Skills	
84.	XCE502		Structural Analysis	
85.	XCE503		Environmental Engineering	
86.	XCE504		Building Planning and Drawing	
87.	XCE505A		Basics of Earthquake Engineering and Seismic Design	
88.	XGS507		Business Communication	
89.	XMA301		Mathematics-III (Transform &Computational	

			Techniques)
90.		XCE302	Disaster Preparedness & Planning
91.		XCE303	Computer Aided Civil Engineering Drawing
92.		XCE304	Engineering Mechanics
93.		XCE305	Energy Science and Engineering
94.		XCE306	Surveying – I
95.		XCE307	Introduction to Civil Engineering
96.		XGS308	Effective Technical Communication
97.	B.Tech (CSE)	XCP102	Programming for Problem Solving
98.		XGS103	English
99.		XCS303	Data Structures & Algorithms
100.		XCS304	Object oriented Programming
101.		XES306	Entrepreneurship Development
102.		XCI307	Constitution of India
103.		XCS503	Database Management Systems
104.		XCS504	Web Technology and Mobile Application Development
105.		XTQ506	Total Quality Management
106.		XGS507	Business Communication
107.		XCS508	In-plant Training –II
108.		XCS702	Software Engineering
109.		XCS703	Mobile Communication
110.		XCS707	Project phase – I

111.		XGS708	Career Development Skills
112.		XCS709	In-plant Training – III
113.	B.Tech (ECE)	XCP102	Programming for Problem Solving
114.		XGS103	English
115.		XMA301	Transforms and Partial Differential Equations
116.		XEC302	Electronic Devices
117.		XEC303	Digital System Design
118.		XUM305	Entrepreneurship Development
119.		XUM306	Constitution of India
120.		XEC307	Network Theory
121.		XEC308	Electronics Devices and Networks Lab
122.		XEC309	Digital System Design Lab
123.		XEC310	In Plant Training – 1
124.		XEC502	Computer Communication Networks
125.		XEC503	Object Oriented Programming and Data structures
126.		XEC504	Digital Signal Processing
127.		XEC505A	Medical Electronics
128.		XTQ506	Total Quality Management
129.		XGS507	Business Communication
130.		XEC508	In-plant Training – II
131.		XEC702	Embedded Systems and VLSI Design
132.		XEC704B	Digital Image Processing

133.		XEC705B	Wireless Communication Systems
134.		XEC707	Project Phase – I
135.		XGS708	Career Development Skills
136.		XEC 709	In-plant Training – III
137.	Nano technology	XNT501	Quantum Mechanics for Engineers
138.		XNT502	Nanomaterials Fabrication Techniques- I
139.		XNT504	Nanomaterials Characterization Techniques- I
140.		XNT505	Engineering Thermodynamics
141.		XNT506D	Mechanical Systems Design
142.		XGS507	Business Communication
143.		XNT701C	Thin Film
144.		XNT701D	Nanoscaffold and Characterization Techniques
145.		XNT702	Health and safety issues of Nanotechnology
146.		XNT703	Nano composites
147.		XNT705D	Nano in Wireless Communications
148.		XNT707	Project Theme – I
149.		XNT708	<i>In Plant Training</i>
150.		XTQ601	Total Quality Management
151.		XNT602	Colloids and surfaces Engineering
152.		XNT603	Nanomaterials Fabrication Techniques- II
153.		XNT604	Nanomaterials Characterization Techniques- II
154.		XNT605A	Nano-Physics

155.		XNT606C	Nano-Spintronics
156.		XGS607	Academic Writing Skills
157.		XNT802A	Graphene Nanotechnology
158.		XNT803	Career Development Skills
159.		XNT804	MEMS and NEMS
160.		XNT806	Mini Project
161.		XNT807	Project Theme – II
162.		YNT102	Nano Fabrication and Synthesis Techniques
163.		YNTE18	Properties of Nanophase Materials
164.		YNTE13	Nanochemistry
165.		YNT105	Simulation of Nanostructure & Nanomaterials Lab
166.		YNT106	Nano Fabrication and Synthesis Techniques Lab
167.		YNT107	Research Methodology and IPR
168.		YEGOE1	English for Research Paper Writing
169.		YNT201	Nanomaterials Characterization Techniques
170.		YNT202	Computational Nanotechnology
171.		YNT203B	Advanced Crystal Growth Techniques
172.		YNT204B	Spectroscopic Techniques for Nanomaterials
173.		YNT205	Nanomaterials Characterization Techniques Lab
174.		YNT206	Computational Nanotechnology Lab
175.		YNT207	Mini Project
176.		XBE103	Electrical and Electronics Engineering Systems

177.	B.Tech (EEE)	XEG105	Engineering Graphics
178.		XEE302	Electric Circuit Analysis
179.		XEE303	Object Oriented Programming
180.		XEE304	Electrical Machines – I
181.		XMS305	Material Science
182.		XEP306	Entrepreneurship Development
183.		XGS307	Interpersonal Communication
184.		XEE308	In-plant Training – I
185.		XEE502	Design of Electrical Apparatus
186.		XEE503	Power Electronics
187.		XEE504	Control System Engineering
188.		XEEE11	Linear Integrated Circuits
189.		XTQ506	Total Quality Management
190.		XGS507	Business Communication
191.		XEE508	In-plant training - II
192.		XEE702	Microprocessor and Microcontrollers
193.		XEE703	Power System Analysis
194.		XEEE31	Biomedical Instrumentation
195.		XUM706	Cyber Security
196.		XGS708	Career Development Skills
197.	XEE707	Project Phase –I	
198.	XEE709	In-plant Training – III	

199.	B.Tech (Mech)	XGS103	English
200.		XWP105	Workshop Practices
201.		XME303	Strength of Materials
202.		XUM305	Entrepreneurship Development
203.		XME306	Manufacturing Processes
204.		XME307	Inplant Training – I
205.		XME502	Design of Transmission Systems
206.		XME505A	Finite Element Analysis
207.		XME505B	Mechanical Vibrations
208.		XME505D	Gas Dynamics and Shock Waves
209.		XTQ506	Total Quality Management
210.		XGS507	Business Communication
211.		XME508	In-plant Training – II
212.		XME704A	Advanced I.C Engines
213.		XME704C	Renewable Energy Sources
214.		XME705A	Computer Integrated Manufacturing
215.		XME707	Project Phase – I
216.	XGS708	Career Development Skills	
217.	XME709	In-plant Training – III	
218.	M.Tech (Renewable Energy)	YRE103	Process Modelling and Simulation in Energy Systems
219.		YRM107	Research Methodology and IPR
220.		YEGOE1	English for Research Paper Writing

221.		YRE105B	Carbon Sequestration And Trading
222.		YRE105C	Waste Management and Energy Recovery
223.	BCA	XGL101	Communication Skills in English
224.		XGL102B	Comprehensive English
225.		XCA103	C Programming
226.		XCA104	Algebra, Calculus and Analytical Geometry
227.		XCA105	Computer Organization and Architecture
228.		XUM106	Human Ethics, Values , Rights and Gender Equality
229.		XGL201	English for Effective Communication
230.		XES202	Environmental Studies
231.		XCA203	Object Oriented Programming with C++
232.		XCA204	Discrete Mathematics
233.		XCA205	Computer Networks
234.		XCA206	Data Structures and Algorithms
235.		XCA301	HTML and DHTML
236.		XCA302	Database Management Systems
237.		XCA303	Visual Programming
238.		XCA304	Statistical and Numerical Methods
239.		XUM306	Disaster Management

240.		XCA401	Data Analytics
241.		XCA402	Java Programming
242.		XCA403	Resource Management Techniques
243.		XCA404	Operating Systems
244.		XCA5SE	XML and WebServices
245.		XCA53A	Enterprise Resource Planning
246.		XCA51B	Unix and Shell Programming
247.		XCA52A	Software Engineering
248.		XCA502	In Plant Training
249.		XCA6SD	Testing and Documentation Tool
250.		XCA64C	.NET Technologies
251.		XCA65B	Mobile Computing
252.		XCA602	Project Work
253.	MCA	YCA101	Information Technology
254.		YCA102	Computer Organization and Architecture
255.		YCA103	Data Structures and Algorithms
256.		YCA104	Mathematical Foundations
257.		YCA105	Accounting and Management Control
258.		YCA106	Information Technology lab
259.		YCA107	Programming Lab ( C and Data Structures)
260.		YCA201	Introduction to Management Functions
261.		YCA202	Operating Systems

262.		YCA203	Technical English
263.		YCA204	Probability and Combinatorics
264.		YCA205	Information System Analysis, Design and Implementation
265.		YCA206	Business Programming Lab
266.		YCA207	Operating systems Lab
267.		YCA301	Database Management Systems
268.		YCA302	Computer Communication Networks
269.		YCA303	Object Oriented Programming, Analysis and Design
270.		YCA304	Management Support Systems
271.		YCA305	Statistical Computing
272.		YCA306	Database Management Systems and Java Lab
273.		YCA307	Statistical Computing Laboratory
274.		YCA401	Network Programming
275.		YCA402	Software Engineering
276.		YCAEE9	Machine Learning
277.		YCA403	Organizational Behaviour
278.		YCA404	BM Elective I Practical-Investment Technology
279.		YCA405	Networks Lab
280.		YCA406	Case Tools Lab
281.		YCA501	Mobile Application Development
282.		YCA502	Software Project Management
283.		YCA503	Entrepreneurship Development

284.		YCAE54	Bigdata Analytics
285.		YCAE57	Social Network Analysis
286.		YCAS51	Quantitative Aptitude
287.		YCA510	In Plant Training
288.		YCA601	Project Work
289.	M.Sc (Software Engg.)	YSE301	Operating System
290.		YSE302	Microprocessor and microcontroller
291.		YSE303	Object oriented Programming
292.		YSE304	Data structures and Algorithms
293.		YSE305	Software Engineering
294.		YSE306	Software Design & Architecture
295.		YSE307	Interpersonal Communication
296.		YSE501	Resource Management Techniques
297.		YSE502	. Net Technologies
298.		YSE503	Web Technologies
299.		YSEE53	Professional Elective -I (User Interface Design)
300.		YSE505	Business Communication
301.		YUM506	Total Quality Management
302.		YSE701	Internship Programme
303.		YSE901	Software Communication and Documentation
304.		YSE902	Cryptography and Network Security
305.		XCEOE2	Open Elective - IV (Entertainment electronics and Management )

306.		YSEE92	Elective- V(Principles of Management)	
307.		YSEE95	Elective – VI (Big Data Analytics)	
308.	B.Sc (Animation & Multimedia)	XGL101	Communication Skills in English	
309.		XAM102A / XAM102B	Ariviyal Tamil / Comprehensive English	
310.		XAM103	Animation Art	
311.		XAM104	Principles of animation	
312.		XAM105	Graphics Design	
313.		XUM106	Human Ethics, Values, Rights and Gender Equality	
314.		XAM301	Digital Imaging Skills	
315.		XAM302	Character & Environment Sketching	
316.		XAM303	Audio & Video Editing	
317.		XAM304	2D Animation	
318.		XAM307	Drawing Skills – minor course	
319.		XAM501	Compositing Techniques	
320.		XAM502	3D Animation	
321.		XAME51/ XAME52	Media Aesthetics Media Technologies	
322.		XAME53/ XAME54	Script Writing and Story Board Designing Motion Capturing	
323.		XAM 506	In-Plant Training	
324.		B.Sc	XGL101	Communication Skills in English

325.	(Computer Science)	XBC103	Computer Fundamentals
326.		XBC104	Algebra, Calculus & Analytical Geometry
327.		XBC105	Problem Solving Using C
328.		XUM106	Human Ethics, Values, Rights, and Gender Equality
329.	BBA	XGL101	Communication Skills in English
330.		XBA104	Fundamentals of Computer - Theory
331.		XBA105	Fundamentals of Computer - Lab
332.		XBA301	Commercial Correspondence
333.		XBA302	Fundamentals of Financial and Management Accounting
334.		XBA505A	Organizational Development
335.	MBA	YBA101	Principles of Management
336.		YBA108	Business Communication
337.		YBAE67	Supply Chain and Logistics Management
338.		YBAE72	Banking & Insurance Management
339.		YBAE74	Industrial Relations and Labour Law
340.		YBAE76	Retail Management
341.	B.Com (HONS)	XGL101	Communication Skills in English
342.		XCO102	Financial Accounting
343.		XCO103	Management Principles and Applications
344.		XCO104	General Economics
345.		XCO105	Business Laws

346.		XCO302	Corporate Accounting
347.		XCO303	Income Tax and Tax Planning
348.		XCO304	E-Commerce & E-Governance
349.		XCO501	Cost Accounting
350.		XCO502	Economics of regulation of domestic and foreign exchange markets
351.		XCO503	Principles and Practices of Auditing
352.		XCO504	Marketing Practices
353.		XCO505	Information Technologies Applications for Business
354.		XCO506	Fundamentals of Entrepreneurship
355.		XCO507	Internship Training (1 Week)
356.		B.Com	XGL101
357.	XCG102		Fundamentals of Financial Accounting
358.	XCG103		Business Organization and Management
359.	XCG104		Business Economics
360.	XCG105		Principles of Marketing
361.	XCG302		Direct Tax Laws
362.	XCG303		Computer Applications in Business
363.	XCG304A		Human Resource Development
364.	XCG304B		Business Correspondence and Report Writing
365.	XCG501		Cost Accounting
366.	XCG502		Principles and Practices of Auditing
367.	XCG503	E Commerce	

368.		XCG504	Data Base Management System
369.		XCG505	Fundamentals of Entrepreneurship
370.		XCG506	Cyber Law
371.	M.Com	YCO101	Managerial Economics
372.		YCO102	Business ethics, Corporate Social Responsibility and Governance
373.		YCO103	Logistics and supply chain Management
374.		YCO104	Advanced Corporate Accounting
375.		YCO105	Financial Management and Policy
376.		YCOE106A	Insurance Management
377.	Education	XBE101	Tamil -I
378.		XBE102	English - I
379.		XBE104	Introduction to Computers
380.		XBE106	Differential Calculus and Trigonometry
381.		XBE107	Properties of Matter and Sound
382.		XBEC108	General Chemistry - I
383.		XBES108	Programming in C
384.		XBE109	Physics Practical - I
385.		XBEC110	Volumetric Analysis Lab – I
386.		XBES110	Programming in C Lab
387.		XBE301	Tamil - III
388.		XBE302	English - III
389.	XBE303	Theatre, Art and Heritage Craft Traditions	

390.		XBEC304	Programming in C (for MPC group Students)
391.		XBES304	Visual Programming (For CsMP group Students)
392.		XBE306	Analytical Geometry (3D) and Integral Calculus
393.		XBE307	Heat and Thermo Dynamics
394.		XBEC308	General Chemistry - III
395.		XBES308	Object Oriented Programming with C++ and Java
396.		XBE309	Physics Practical - III
397.		XBEC310	Semimicro Inorganic Qualitative Analysis (ANIONS) Lab
398.		XBES310	Programming in C++ and Java Lab
399.		XBES311	Practicum and School Internship - I
400.		XBE501	Soft Skill Development and Peace Education
401.		XBE502	Basics of e – Learning Education
402.		XBE503	Teaching Approaches and Strategies
403.		XBE504A	Pedagogy of Mathematics - I
404.		XBE504B	Pedagogy of Physics- I
405.		XBEC504C	Pedagogy of Chemistry - I
406.		XBES504C	Pedagogy of Computer Science - I
407.		XBE505	Sequences and Series
408.		XBE506	Electricity and Magnetism
409.		XBEC507	Inorganic Chemistry - I
410.		XBES507	Database Management Systems

411.		XBE508	Physics Practical - V
412.		XBEC509	Gravimetric Analysis Lab
413.		XBES509	RDBMS Lab
414.		XBE510	Practicum and School Internship-III
415.		XBE701	Educational Innovation and Management
416.		XBE702	Algebra
417.		XBE703	Real Analysis
418.		XBE704	Basic Electronics
419.		XBE705	Wave Mechanics and Nuclear Physics
420.		XBEC706	Physical Chemistry - I
421.		XBES706	Computer Networks
422.		XBEC707	Organic Chemistry - II
423.		XBES707	Web Technology
424.		XBE708	Physics Practical - VII
425.		XBEC709	Physical Chemistry Lab - I
426.		XBES709	Web Technology Lab
427.		XBE710	Practicum and School Internship – V
428.	MSW	YSW301A	Community Health
429.		YSW302A	Mental Health
430.		YSW303A	Medical Social Work
431.		YSW304A	Clinical Social Work
432.		YSW305	Concurrent Field Work - III

433.		YSW101	Advanced concepts in Social Work
434.		YSW102	Social Case Work
435.		YSW103	Social Group Work
436.		YSW104	Community Organization and Social Action
437.		YSW105	Social Work Practicum –I
438.	M.A (Political Science)	YPS501	Principles of Public Administration
439.		YPS502	Professional ethics and human values
440.		YPS503	Constitutional History of India from 1773 to 1947 AD
441.		YPS504	Indian polity
442.		YPS505	Local Self Government
443.		YPS901	Research Methodology
444.		YPS902	Total Quality Management
445.		YPS903	Management of Non-Governmental Organization
446.		YPS904	Social Welfare Administration
447.		B.Sc (Mathe matics)	XMT501
448.	XMT502A		Matrices
449.	XMT502B		Discrete Mathematics
450.	XMT503A		Numerical Methods
451.	XMT504A		Linear Algebra
452.	XMT601		Graph Theory
453.	XMT602A		Complex Analysis
454.	XMT603A		Linear Programming

455.	M.Sc (Mathematics)	YMA101	Groups and Rings
456.		YMA102	Analysis-I
457.		YMA103	Differential Equations
458.		YMA104	Discrete Mathematics
459.		YMA1E1	Graph Theory
460.		YMA201	Linear Algebra
461.		YMA202	Analysis-II
462.		YMA203	Differential Geomentry
463.		YMA203	Integral Equations, Calculus Of Variations and Transforms
464.		YMA204	Operations Research
465.		YMA2E3	Fuzzy sets and Fuzzy logic
466.		YMA301	Field Theory
467.		YMA302	Topology
468.		YMA303	Measure Theory
469.		YMA304	Mathematical Statistics
470.		YMA3E2	Numerical Methods
471.		YMA401	Complex Analysis
472.		YMA402	Functional Analysis
473.		YMA403	Stochastic Processes
474.		M.Phil (Mathematics)	ZMA101
475.	ZMA102		Algebra & Analysis
476.	ZMA103		Differential Equations

477.		ZMA201A	Advanced Graph Theory
478.		ZMA201B	An Introduction to Category Theory and Algebraic Graph Theory
479.	B.Sc (Physics)	XGL101	Communication skills in English
480.		XPH301	Physics workshop skills
481.		XPH501	Basic Instrumentation Skills
482.	B.Sc (Chemistry)	XCY104	Fundamental concepts of Chemistry
483.		XCY105	Inorganic Chemistry I
484.		XCY303	Inorganic Chemistry II
485.		XCY304	Organic Chemistry II
486.		XCY501	Clinical Chemistry
487.		XCY502A	Phytochemistry
488.		XCY503A	Analytical Chemistry
489.	M.Sc (Chemistry)	YCY101	Organic Chemistry I I
490.		YCY102	Inorganic Chemistry
491.		YCY103	Physical Chemistry I
492.		YCY301	Organic Chemistry II
493.		YCY304A	Pharmaceutical Chemistry
494.		YCY305	Analytical Chemistry
495.	B.A (English)	XEN102	Poetry – I (British Lit)
496.		XEN103	Prose – I (British Lit)
497.		XEN104	Social History of England
498.		XEN105	Introduction to Literary Forms

499.		XEN204	Poetry – II (Non British Lit)
500.		XEN205	Prose – II (Non British Lit)
501.		XEN301	Professional Writing
502.		XEN302	Introduction to Phonetics
503.		XEN303	Drama – I (British Lit)
504.		XEN304	History of English Literature – I
505.		XEN401	Principles of Literary Criticism – I
506.		XEN402	Drama – II (Non British Lit)
507.		XEN403	Fiction – I (British)
508.		XEN404	History of English Literature – II
509.		XEN501	Principles of Literary Criticism – II
510.		XEN502A	Fiction – II (Non British Lit)
511.		XEN502B	Introduction to Journalism and Mass Communication
512.		XEN503A	Commonwealth Literature
513.		XEN503B	English Language Teaching
514.		XEN504A	Literature and Film Making
515.		XEN504B	The Art of Public Speaking
516.		XEN601	Principles of Translation
517.		XEN602A	Indian Writing in English
518.		XEN602B	Women Studies
519.		XEN603A	American Literature
520.		XEN603B	Shakespeare

**Annexure – 2**

**New Courses**

<b>S.No</b>	<b>Programme</b>	<b>Course Code</b>	<b>Course Name</b>
<b>1.</b>	B.Arch	XAR105	Communication skills
<b>2.</b>		XAR902	Housing
<b>3.</b>		XAR903A	Architectural Conservation

4.		XAR904B	Landscape Architecture
5.		XAR905	Dissertation
6.	B.Tech (Aerospace)	XAS509	Aircraft Systems and Instruments (Minor Course)
7.		XAS302	Material science and Metallurgy
8.		XAS303	Solid Mechanics and Fluid Mechanics
9.	B.Tech (Bio Technology)	XES102	Environmental Sciences
10.		XBT302	Material and Energy Balance
11.		XBT305	Unit operations
12.		XUM306	Human Ethics
13.		XBT 501	Plant Biotechnology
14.		XBT 502	Chemical Reaction Engineering
15.		XTQ506	Total Quality Management
16.		XBT 505 A	Plant Breeding and Agricultural Products
17.		XBT 505 B	Food biotechnology
18.		XBT 503	Recombinant DNA Technology
19.		XBT 702	Bioinformatics and computational biology
20.		XUM 706	Cyber Security
21.		XGS 708	Career Development Skills
22.		XBT 704 C	Stem cell biology
23.		XBT 705 A	Molecular pathogenesis of Infectious diseases
24.		XBT 705 B	Industrial waste water management

25.		XBT 705 C	Bioresource Technology
26.	B.Tech (Civil)	XMA301	Mathematics-III (Transform & Computational Techniques)
27.		XCE302	Disaster Preparedness & Planning
28.		XCE303	Computer Aided Civil Engineering Drawing
29.		XCE304	Engineering Mechanics
30.		XCE305	Energy Science and Engineering
31.		XCE306	Surveying – I
32.		XCE307	Introduction to Civil Engineering
33.		RCE044	Advanced Concrete Technology
34.		RCE045	Prefabricated Structures
35.		RCE046	Construction Project Management
36.		RCE047	Nano Materials: Preparation And Characterization
37.		RCE048	Pavement Engineering
38.		RCE049	Highway Materials
39.		B.Tech (CSE)	XCS703
40.	XCS702		Software Engineering
41.	XCSE71		Network Measurements and Testing
42.	XCSE73		Disaster Management
43.	XCSE74		Language Technologies
44.	XCSE77		Advanced Databases
45.	XCSE78		Design and Analysis of Parallel algorithms
46.	XCSE71		Information Retrieval
47.	XCSE72		Cloud Computing
48.	XCSE73		Fault Tolerant Computing

49.		XCSE74	Computer Graphics
50.		XCSE75	Advanced Operating System
51.		XCSE76	Storage technologies
52.		XCSE77	Virtualization
53.		XCSE72	Software Testing
54.		XCSE75	Ethical Hacking
55.		XCSE76	Artificial Intelligence and Expert System
56.		XCSE78	Game Theory
57.	B.Tech (ECE)	XUM307	Constitution of India
58.		XEC509	PCB Design Using Ultiboard
59.	B.Tech (EEE), M.Tech (EEE) PED	XEE405	Signals and Systems
60.		XEEM01	Minor Course- I (Electrical Safety)
61.		XEEM02	Minor Course- II (Energy Auditing)
62.		PEE401	Digital Electronics
63.		QPE301	Digital Control of Power Electronic and Drive Systems
64.		QPPE31	Switched Mode and Resonant Converters
65.		QPE304	Power Electronics Laboratory
66.		QPPE43	Solar and Energy Storage Systems
67.	B.Tech (Mech)	XME301	PDE, Probability & Statistics
68.		XME303	Strength of Materials
69.		XEM304	Engineering Mechanics
70.		XUM305	Entrepreneurship Development

71.		XME306	Manufacturing Processes
72.	BCA	XUM306	Disaster Management
73.		XCA301	HTML and DHTML
74.		XCA307	Minor Course Web Technology
75.		XCA401	Data Analytics
76.		XCA406	Software Testing Tools and Practices
77.		XCA507	Minor Course- Software Testing Tools and Practices
78.		XCA605	Minor Course – Android App Development – Mobile Technology
79.		MCA	YCA301
80.	YCA302		Computer Communication Networks
81.	YCA303		Object Oriented Programming, Analysis and Design
82.	YCA304		Management Support Systems
83.	YCA305		Statistical Computing
84.	YCA306		Database Management Systems and Java Lab
85.	YCA307		Statistical Computing Laboratory
86.	YCA401		Network Programming
87.	YCA402		Software Engineering
88.	YCAIT*		IT Elective I
89.	YCA403		Organizational Behaviour
90.	YCA404		BM Elective I Practical-Investment Technology
91.	YCA405		Networks Lab
92.	YCA406		Case Tools Lab

93.		YCA507	Minor Course- Advanced Database Technology
94.	B.Sc (Computer Science)	XGL101	Communication Skills in English
95.		XGL 102	Ariviyal Tamil
96.		XBC103	Computer Fundamentals
97.		XBC104	Algebra, Calculus & Analytical Geometry
98.		XBC105	Problem Solving Using C
99.		XUM106	Human Ethics, Values, Rights, and Gender Equality
100.		BBA	XBA301
101.	XBA302		Fundamentals of Financial and Management Accounting
102.	MBA	YBAE76	Retail Management
103.	B.Com (Hons)	XCO304	E-Commerce and e-Governance
104.		XUM306	Disaster management
105.	B.Com	XCG303	Computer applications in business
106.		XUM306	Disaster management
107.		XCG304A	Human Resource Development (HRD)
108.	M.Com	YCO101	Managerial Economics
109.		YCO102	Business Ethics, Corporate Social Responsibility and Governance
110.		YCO103	Logistic and Supply Chain Management
111.		YCO104	Advanced Corporate Accounting
112.		YCO105	Financial Management and Policy
113.		YCOE106	Insurance Management

		A	
114.	MSW	YSW105	Social Work Practicum-I
115.	M.A (Political Science)	YPS101	International Politics
116.		YPS102	Indian Political Thought – I
117.		YPS103	Indian Administration
118.		YPS104	Indian Government and Politics
119.	M.Sc (Mathematics)	YMA303	Automata theory
120.		YMA403	Mathematical modeling
121.		YMA3E1	Data analysis using SPSS
122.	Ph.D (Physics)	RPH015	Thin Films and their Applications
123.		RPH016	Characterization Techniques for Thin Films
124.		RPH017	Nanomaterials Preparation and Characterization
125.		RPH018	Introduction to Solar Cells
126.		RPH013	Radiation Physics
127.		RPH014	Thin Film Technology
128.	B.Sc (Chemistry)	XCY501	Clinical Chemistry
129.		XCY502A	Phyto Chemistry
130.		XCY503A	Analytical Methods in Chemistry
131.		XCY504B	Programming in C
132.		XCY505	Organic Qualitative Analysis Practical VA
133.		XCY506	Physical Chemistry Practical VB
134.	M.Sc	YCY301	Organic Chemistry II

135.	(Chemistry)	YCY302	Physical Methods in Chemistry-I
136.		YCY303	Organic Chemistry Practical -I
137.		YEC304A	Pharmaceutical Chemistry
138.		YEC305	Analytical Chemistry

### Annexure – 3

#### Value Added Courses

S.No.	Programme	Name of the Value Added Course	No. of students enrolled
1.	B.Arch	REVIT	40
2.	B.Tech	ANSYS	21

3.	(Aerospace)	Basics of Aeromodelling	20
4.	B.Tech (Civil)	Mechanical, Electrical Plumbing	70
5.		Sketchup	43
6.		Rivet Architecture	43
7.	B.Tech (ECE)	C	26
8.		C++	26
9.		Embedded C	26
10.	B.Tech (EEE)	Auto Cadd	55
11.	B.Tech (Mechanical)	AUTOCAD	38
12.		SOLID WORKS	62
13.		MEP Engineering design (Mechanical Electrical and Plumbing design software)	30
14.	CSA	Python Programming	160
15.		IoT	155
16.	Software Engineering	Internet of Things	50
17.		3DS MAX Studio	49
18.	Management Studies	Digital Banking	59
19.		Sig Sigma	44
20.		Introduction to MS Office Suite	37
21.		Introduction to 7S	37
22.	B.Com	SPSS	37
23.		Social Media Marketing	48

### Department of English & Foreign Languages

Global Asset Certification Programme for developing Communication Skills, Life Skills & Bridge Technology for all B.Tech., B.C.A and M.B.A students.

Total No of Students: 772

Annexure – 4							
Bibliometrics of the publications during the last Academic year based on average citation index in Scopus/ Web of Science or Pub Med/ Indian Citation Index							
S.No.	Title of the paper	Name of the author	Title of the journal	Year of publication	Citation Index	Institutional affiliation as mentioned in the publication	Number of citations excluding self

							<b>citations</b>
1.	Evaluation Of The Performance Of UWB MBOFDM System Under Four Indoor Channel Models Of IEEE802.15.4a Under Noisy Channel Conditions	C.Rajanandhini, Dr. SPK. Babu and Dr.S.Leonard Gibson Moses	International Journal of Scientific & Technology Research	December 2019	Scopus	Periyar Maniammai Institute of science & Technology	0
2.	Spintronics – A mini review	Chandrasekar, L.B. Gnanasekar, K. Karunakaran, M.	Superlattices and Microstructures	December 2019	Scopus	Periyar Maniammai Institute of science & Technology	0
3.	Improving the friction and wear characteristics of AZ31 alloy with the addition of Al <sub>2</sub> O <sub>3</sub> nanoparticles	Vara Prasad Kaviti,R. Jeyasimman, D. Parande, G. Narayanasamy, R. Koppad, P.G.	Materials Research Express	November 2019	Scopus	Periyar Maniammai Institute of science & Technology	0
4.	An Authentication Scheme for an IoT Environment using Advanced Multiple Encryption System	M. Sundarajan, A.E. Narayanan	International Journal of Innovative Technology and Exploring Engineering (IJITEE)	November 2019		Periyar Maniammai Institute of science & Technology	0
5.	Defended data transmission scheme based reliable metering for smart grid applications	Vedavalli, K. Muruganatham, N.	Cluster Computing	November 2019	Scopus & Web of Science	Periyar Maniammai Institute of science & Technology	0
6.	Influence of hybrid fibre on the mechanical properties of concrete	Princess Rosaline, S.J. Jayanthi, R.	International Journal of Engineering and Advanced Technology (IJEAT)	October 2019	Scopus	Periyar Maniammai Institute of science & Technology	0
7.	Identifying the perceptual qualities of a heritage precinct-entrance gateway (Rajagopuram)	G. Yogapriya, Senthamil Kumar	International Journal of Engineering and Advanced Technology (IJEAT)	October 2019	Scopus	Periyar Maniammai Institute of science & Technology	0

8.	Hot deformation response of AL 6061-MWCNTs alloy composites	Jeyasimman, D. Senthilkumar, V. Narayanasamy, R.	International Journal of Innovative Technology and Exploring Engineering	October 2019	Scopus	Periyar Maniammai Institute of science & Technology	0
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#### **Annexure - 5**

**Extension and Outreach Programmes Conducted in Collaboration with Industry,  
Community and Non- Government Organisations through NSS/ NCC/ Red Cross/  
Youth Red Cross (YRC) Etc.,**

S.No.	Title of the Activities	Organising unit/ agency/ collaborating agency	Number of teachers co-ordinated such activities	Number of students participated in such activities
1.	World Mental Health Day 2019: Focus On Suicide Prevention "BE THE LIGHT"	The Department of Social Work and Department of Education of Periyar Maniammai Institute of Science & Technology and Sowmanasya Hospitals and Institute of Psychiatry, Tiruchirapalli	1	60
2.	Training programme on Prevention of Child Marriage & The Prohibition of Child Marriage Act – 2006	Thanjavur CHILDLINE – 1098 Nodal Organization, Department of Social Work, Periyar Maniammai Institute of Science & Technology	1	-
3.	Aaa warereness Program On Technology Addiction And Its Ill Effects	Department of Social Work, Periyar Maniammai Institute of Science & Technology	1	50
4.	Awareness Program On Individual Social Responsibility	Department of Social Work, Periyar Maniammai Institute of Science & Technology	1	4
5.	1000 Palm Seed Plantation And Aerospace Technology Traning For Government School Students	Department of Social Work and Department of Aerospace Engineering, Periyar Maniammai Institute of Science & Technology	3	15
6.	An awareness programme titled "Maram valarpom Mazhai peruvom"	Department of Social Work, Periyar Maniammai Institute of Science & Technology	2	8
7.	Free Dental Check up	Department of Social Work, Periyar	2	8

	and Awareness Camp at Aadhi Dravidar Middle School, Pudukudi	Maniammai Institute of Science & Technology joint with Meenakshi Mission Hospital, Thanjavur		
8.	Awareness programme on Importance of English language skills	Department of Social Work and Department of English Periyar Maniammai Institute of Science & Technology	4	16
9.	Awareness programme on Child Protection	Department of Social Work, Periyar Maniammai Institute of Science & Technology	2	8
10.	An awareness programme on Importance of Vegetable Gardening at Home	Department of Social Work, Periyar Maniammai Institute of Science & Technology	2	8
11.	Awareness programme titled " <i>Vetriyin Thiroukol Kalvi</i> "	Department of Social Work, Periyar Maniammai Institute of Science & Technology	2	8
12.	Awareness Rally on Clean and Green Village	Department of Social Work, Periyar Maniammai Institute of Science & Technology	2	8
13.	Awareness programme title " <i>Unavey Marudhu</i> "	Department of Social Work, Periyar Maniammai Institute of Science & Technology	2	8
14.	General medical and blood group identification camp	Department of Social Work, Periyar Maniammai Institute of Science & Technology	2	8
15.	Awareness Programme on Alcoholism and De-addiction	Department of Social Work, Periyar Maniammai Institute of Science & Technology	2	8
16.	A MOTOR CADE on Child Care and Protection	CHILDLINE, Nodal Organization, Department of Social Work, PMIST, Collob Organization, SHED India, and Anti-Child And Human Trafficking Unit, TamilNadu Police	2	150 NSS, NCC & Social work students

				from PMIST
17.	Observance of World Day for Prevention of Child Abuse organizing pink campaign	CHILDLINE, Nodal Organization, Department of Social Work, PMIST, Collob Organization, SHED India	1	4
18.	Debate on the reason for child marriage is that the Parents or Children	CHILDLINE, Nodal Organization, Department of Social Work, PMIST, Collob Organization, SHED India	1	20
19.	Motivation programme for School students- GOOD DAY	Department of Social Work, Periyar Maniammai Institute of Science & Technology	2	8

### Annexure – 6

**Linkages with institutions/industries for internship, on-the-job training, project work, sharing of research facilities etc**

S. No	Nature of linkage	Title of the linkage	Name of the partnering institution/ industry /research lab with contact details	Duration (From-To)	Participant
1	Internship (Architecture )	Practical training	Cheralathan Associates, 13, Shanthi Enclave, 25, Venkata Krishna Road, Ra Puram, Chennai	June 2019-Nov 2019	Aarthika.S
2			P G Shivakumar & Associates, 23, The West, Third Floor, Kallukuzhi, Trichy-20		Abinaya M
3			Creations Architecture & Interiors, 1738-A, Trichy Road, Ramanathapuram, Coimbatore		Aishwarya L
4			Vivek & Associates, 2nd Floor, 4/28, Cenotaph First Street, Teynampet, Chennai		Allwin J
5			FHD Consultants, 49, 2nd Cross, 5th Block, Kormangala, Bangalore		Amritha Priya M
6			Senscape, 5/1, Floor 1, Main 2, N.R Colony, Basavangudi, Bangalore		Arulmozhi E
7			P G Shivakumar & Associates, 23, The West, Third Floor, Kallukuzhi, Trichy-20		Atchaya M
8			Architectura, At5b, Babu Nagar, 2nd Main Road,		Deenadayalan D

			Medhavakkam, Chennai		
9			Arun Architects, Ai-125, 8th Main Road, Anna Nagar, Chennai		Deepa R
10			JJ Architects, 414, Pitcham Palayaam Pudhur, Tirupur		Gokul Ba
11			Fba Architects, 721, 1st Floor, 2nd Cross, 9th Main, 3rd Stage, 3rd Block, Basaveshwara Nagar, Bangalore		Hashifa Nusrath M
12			Shankar & Associates, 27, Sengupta Street, Ramnagar, Coimbatore		Hemasri J
13			Amuthasurabhi Architects, 38, 3rd Floor, No 53, Mandira Apprtments, North Boag Road, T Nagar, Chennai		Indhu E
14			Formz Architects, 9, 2nd Cross Street, Smv Puram, West Villianur, Puduchery		Jegadeswar A
15			Amuthasurabhi Architects, 38, 3rd Floor, No 53, Mandira Apprtments, North Boag Road, T Nagar, Chennai		Juno Crispin G
16			Wedzin Architects, No.43, 3rd Cross, 8th Main, Vasanth Nagar, Bangalore		Kanichudar S
17			A Design Studio, New No 10, Old No 6, 5th Avenue, Ashok Nagar, Chennai		Keerthana R A
18			PNP Architects, 10, Murugappa Road, Nawap Gardens, Kotturpuram, Chennai		Mahibharathi D

19			SK Associates, #2/3, 1st Floor, Vinayagar Kovil Street, Coimbatore		Moses Joe A
20			IDT Design Consultants, 544, 2nd Floor, Third Cross, 3rd Main Road, 2nd Block, Rt Nagar, Bangalore		Nandhini Devi S
21			D Studio, M36/1, 7th Cross Street, Besant Nagar, Chennai		Navinisha T N V
22			Rayan Architects, 17th June, 3rd Floor, Omega Wing, Raheja Towers, No 177, Anna Salai, Chennai		Noushaath Banu A
23			Third Space, 7, 6th Cross, Huchins Road, Sd Thomas Town, Bangalore		Pavithran A
24			Wedzin Architects, 43, Third Cross, 8th Main, Vasanth Nagar, Near Mt Carmel College, Bangalore		Prashanth R
25			APDO, Periyannan Associates, 9, Kanakasri Nagar, Caphedral Road, Chennai 86		Priyadharsini K
26			Design K Studio, 155, 6th Main Road, Venkatraman Nagar, Chithlapakkam Post, Chennai		Sangeetha B
27			L&T, P.B.No.979, Mt Poonamalli Road, Manappakkam, Chennai,		Sanjaanaa M
28			Ms Design House, Plot-71, Zahir Hussain Street, Indira Nagar, Lic Colony, Kk Nagar, Trichy		Shalini Nivetha D
29			Cheralathan Associates, 13, Shanthi Enclave, 25, Venkata Krishna Road, Ra Puram, Chennai		Sindhu S
30			Arun Architects, Ai-125, 8th Main Road, Anna Nagar, Chennai		Soumiya G
31			Srushti Creations, 04, Chugur Village, Nandigam Mandal,		Sujith Kumar V

			Rangareddy Dist, Hyderabad		
32			P G Shivakumar & Associates, 23, The West, Third Floor, Kallukuzhi, Trichy-20		Thenisha S J
33			Code-D Arch, New No.34, 3rd Main Road, Gandhi Nagar, Adayar, Chennai		Thirumaran G
34			IDT Design Consultant, 544, 2nd Floor, 3rd Cross, 3rd Main Road, 2nd Block, Rt Nagar, Bangalore		Usha Nandhini K K
35			Studio Decode, 151, 12th Cross, 20th Main, 2nd Phase, Jp Nagar, Bangalore		Varsha S
36			Space Design Architects, 53/1, Burkit Road, T Nagar, Chennai.		Vishnuprakash P
37			Design Group, 144, T.V Samy Road, Rs Puram, Coimbatore		Yuva Varchini B
38			Shobha & Mahesh Associates, 113, First Floor, 26th Main, 4th T Block, Jayanagar, Bangalore		Gurupriya T
39			Quad Designs, 122, Venkata Krishna Road, Rs Puram, Coimbatore		Ishwarya S
40			Sara Architects And Interiors  3, Vijayanagar Mainroad, Velacherry		Akshaya.P
41			Santhosh Associates, G2, Colts View Appartment, Maduvinkarai, Guindy		Arabi Satya.M.V
42			Fba Consulting India  P Block, Anna Nagar, Chennai		Atchaya.S
43			Haven. Foundation		Dinesh

			Haven Radhakrishnan Enclave, Olumbus Bus Stop, Trichy Road, Cbe	
44			Cairns Architecture And Building Studio  No.78 Sri Krupa Colony, Anand Nagar, Hebbal, Bangalore	Firous Farveen
45			Arun & Associates  1287, Trichy Road, Coimbatore	Gautham.A.N
46			Space Language Architects  Coimbatore	Gokula Krishnan.G
47			Ram Prakash Associates  97, Sundar Nagar, Chennai	Guru Mamtha
48			Shanmugam Associates  B13, 2nd Cross Rd, West Ext, West Thillainagar, Trichy	Harini
49			Unispace Design Associates  Thenampettai, Chennai	Harish Veerapan
50			Shankar Associates  Senguptha Street, Ramnagar, Cbe	Indhu
51			Span Designs, 28, 7th Cross, Sanjay Nagar, Bhoopasandra, Bangalore	Joseph Ruban Antoni.J
52			Black Square Architects  Tennur, Amman Kovilstreet, Trichy	Kalicharen.I
53			Sk Associates  2/3, Krishnaswamy Nagar, Ramanathapuram, Coimbatore	Kanimozhi.S
54			Andc	Karhik.R

			Sholinganallur, Chennai		
55			Arch 4 Foundtion 7th Street, Tatabad,Gandhipuram		Keerthana.R
56			Naveen Kumar Agarwal 22/47-1, Aspiran Garden,Kilpauk, Chennai		Maheshwari.B
57			Varsha And Pradeep Architects Karapakam, Chennai		Michelle Edwina Samuel
58			Shuonya Nava Designs 10th Cross,Vasanth Nagar,Bangalore		Muhammad Ibrahim Sufyan.B
59			Srini Assosiates 26/9, Chokkanadhar St, Karthikeyan Nagar, Madhuravayal, Chennai		Mukilan.N
60			Iver Architects No.7, 13th Street, 4th Main Road, Anna Nagar		Narayanan.R
61			Espana Tangy Appartment, Egmore	June 2019-Nov 2019	Ramees Jamiha.S
62			Veekay Design No.47, Velayapattai, Agraharam, Kumbakonam	June 2019-Nov 2019	Ramu Priya.N
63			Raghuraman Associates Block M94, Door 49/5, 2nd Floor, 7th Avenue,Besant Nagar	June 2019-Nov 2019	Revanth Kannan.R

64			Gulf Pioneer Consultants Dubai, Uae	June 2019-Nov 2019	Sanofar Navreen.J
65			Apdo No.9, Kana Srinagar, Cathedral Road, Chennai	June 2019-Nov 2019	Sophia Mariam.S
66			Module Space Architects Engineers Colony, Yellareddy Guda, Hyderabad	June 2019-Nov 2019	Srividhya.S
67			Play Architecture Bangaore	June 2019-Nov 2019	Subalakshmi.K
68			Shuonya Nava Designs 10th Cross, Vasanth Nagar, Bangalore	June 2019-Nov 2019	Subashini.M
69			Murali Architects 142 Second Street, Kamaraj Avenue, Adayar	June 2019-Nov 2019	Suriyah.S
70			C.R. Raju Architects & Associates No.6, South Avenue, Srinagar Colony, Saidhapet	June 2019-Nov 2019	Swathy.R
71			Forms And Spaces 127/1, West Sambandham Road, Rs Puram, Cbe	June 2019-Nov 2019	Thangaraj.K
72			Studi O Orange No.2, Rajachar Street, T.Nagar, Chennai	June 2019-Nov 2019	Vishnu Priya.S
73			Visarg Design Studio New Delhi	June 2019-Nov 2019	Viswa Mouli
74			Zio Camp Road, Selaiyur, Chennai	June 2019-Nov	Jeyavarshini.R

			Narch Architects	2019	
75			Zionarch Architects Camp Road, Selaiyur, Chennai	June 2019-Nov 2019	Denisha Rincy.B
76			OCI Architects 2, Vivekanandha Road, Srinagar Nagar, Chetpet, Chennai	June 2019-Nov 2019	Jayakrupa.G.J
<b>Department Of Social Work</b>					
77	Field Placement Organization	Community Development setting	Anbalayam, Thanjavur	24/12/2019 to 09/04/2020	1
78		Community Development setting	Anbu Illam, CSI Residential Special Educational and Vocational rehabilitation centre for Mentally Retarded Children, Thanjavur	24/12/2019 to 09/04/2020	1
79		Elderly Setting	Ozanam Old Age home, Thanjavur	24/12/2019 to 09/04/2020	1
80		Orphanage Home	Sri Venkateswara Orphanage home, Kaduveli, Thiruvaiyaru	24/12/2019 to 09/04/2020	1
81		Community Development setting	Social Health and Education Development(SHED)-India, Thanjavur	24/12/2019 to 09/04/2020	1
82		De-addiction and rehabilitation setting	Sri Victoria De-addiction centre, Thanjavur	24/12/2019 to 09/04/2020	1
83		Community Development setting	Thanjavur Multipurpose Social Service Society, Thanjavur	24/12/2019 to 09/04/2020	1
84		Medical Setting	Our Lady of Health Hospital, Thanjavur	(Four days in a week)18/12/2019 to 19/02/2020	1
85		Medical Setting	Janet Nursing Home, Trichy	(Four days in a	1

				week)18/12/2019 to 19/02/2020	
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**Annexure – 7**

**MoUs signed with institutions of national, international importance, other universities, industries, corporate houses etc.**

S.No.	Organisation	Date of	Purpose and Activities	Number of
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		<b>MoU signed</b>		<b>students/teachers participated under MoUs</b>
1.	Cape Breton University, Canada	08.10.2019	<ul style="list-style-type: none"> <li>➤ Visits and informal exchanges of faculty, scholars and administrators in specific areas of education, research and outreach.</li> <li>➤ Explore ways to cooperate in postgraduate education and training.</li> <li>➤ Organize joint conferences, symposia, or other scientific meetings on subjects of mutual interest.</li> <li>➤ Exchange of academic information and materials.</li> <li>➤ Pursue avenues for graduate and professional student exchange during the academic year or summer terms.</li> <li>➤ Pursue avenues for undergraduate student exchange during the academic year or summer terms.</li> <li>➤ Explore the possibilities for developing joint research programs and collaborations.</li> <li>➤ Other exchange and cooperation programs to which both parties agree.</li> </ul>	3 Faculty members participated in Dr. Mahalingam College of Engineering and Technology, Pollachi on 12 <sup>th</sup> and 13 <sup>th</sup> Dec. 2019
2.	Velmurugan Heavy Engineering Industries Pvt. Ltd Sengipatti	28.11.2019	<ul style="list-style-type: none"> <li>➤ Collaborative research</li> <li>➤ Exchange of Information on research and education programme</li> <li>➤ Joint proposals and engagement in research and training programmes sponsored by funding agencies</li> <li>➤ Mutual Training Programmes for faculty and industrial personnel</li> <li>➤ Placements of candidates with required qualifications and skill sets</li> <li>➤ Industrial visits by faculty, researchers and students</li> <li>➤ Project works / Internships</li> </ul>	-
3.	Unique MET Engineering Academy Pvt. Ltd.,	26.11.2019	<ul style="list-style-type: none"> <li>➤ Mutual Collaboration on consultancy services</li> <li>➤ Exchange of information on research</li> </ul>	-

	(UTA), Aminjikarai, Chennai		and education programme ➤ Mutual Training Programmes for faculty and Students ➤ Industrial visits by faculty, researchers and students ➤ Project works / Internships	
4.	Kings College of Engineering, Punalkulam, Pudukkottai Dt.	01.11.2019	➤ Collaborative including joint training and supervision of Bachelors, Masters and Ph.D Degree Students ➤ Collaborative research ➤ Exchange of information on research and education programmes ➤ Exchange visits by faculty, researchers and students ➤ Joint proposals and engagement in research and training programmes sponsored by funding agencies ➤ Provide training to students during semester holidays under cost basis	-
5.	Sri Design CAD Technologies Solutions PVT LTD (SDCTS)- a company	17.12.2019	➤ SDCTS will provide training and technical support of Research & Development for CAD, CAE, CFD at PMIST which would be relevant for students of Department of Aerospace Eng. ➤ SDCTS will share the industry based projects related to design and analysis with PMIST on consultancy basis. ➤ SDCTS will offer summer internship and placement assistance for the interested students ➤ Each party shall appoint one nodal officer to periodical review and identify ways to strengthen cooperation between them.	-
6.	Vimanna Labs India Private Limited (VLIND)	17.12.2019	➤ VLIND will provide Industry based skill development training programme for students and assist to organizing seminars, workshops & other academic activities along with DoAS ➤ VLIND will offer internship programmes to students and provide	-

			<p>placement assistance to the trained students of DoAS, PMIST</p> <ul style="list-style-type: none"> <li>➤ VLIND will establish an integrated “TECH &amp; ME” laboratory with various technologies such as Aeromodelling, Drone, Robotics, 3D Printing, IoT and Artificial Intelligence at the premises of PMIST</li> <li>➤ Each party shall appoint one nodal officer to periodical review and identify ways to strengthen cooperation between them.</li> </ul>	
7.	Bosh Rexroth India Private Limited	17.12.2019	<ul style="list-style-type: none"> <li>➤ Organizing seminars, workshops, Conference, Training programmes , Internship, Research Collaborations</li> </ul>	-
8.	Siemens Centre of Excellence in Manufacturing, NITT	09.12.2019	<ul style="list-style-type: none"> <li>➤ To provide skill excellence through R&amp;D and consultancy for robust industry relevant technical education eco-system</li> <li>➤ To engage in research and Development for Societal benefit</li> <li>➤ To strategically align with Institute’s Vision and Mission for building the brand image</li> <li>➤ To offer the certificate skill development programmes for enhancing placement opportunities</li> <li>➤ To promote Industry academia partnership by engaging in extensive consultancy services</li> </ul>	135 students and 5 faculty members
9.	Jerry Jhon Powers Private Limited (JJPL), Solar Energy Company, Chennai	23.12.2019	<ul style="list-style-type: none"> <li>➤ Training including joint training and supervision of Bachelors, Masters &amp; Ph.D degree students</li> <li>➤ Collaborative research &amp; Intellectual Property Rights</li> <li>➤ Exchange of Information on research and education programmes</li> <li>➤ Exchange visits by faculty, researchers and students</li> <li>➤ Joint proposals and engagement in research and training programmes</li> </ul>	-

			sponsored by funding agencies	
10.	M/s. Q-TEK Devices, Tiruchirappalli	19.12.2019	<ul style="list-style-type: none"> <li>➤ Training including joint training and supervision of Bachelors, Masters &amp; Ph.D degree students</li> <li>➤ Collaborative research &amp;Intellectual Property Rights</li> <li>➤ Exchange visits by faculty, researchers and students</li> <li>➤ Joint proposals and engagement in research and training programmes sponsored by funding agencies</li> </ul>	-

**Annexure – 8**

**Teachers attended/attending professional development programmes, viz.,  
Orientation Programme, Refresher Course, Short Term Course, Faculty Development  
Programmes**

<b>Title of the professional development programme</b>	<b>Number of teachers who attended</b>	<b>Date and Duration (from – to)</b>
Web of science Advanced series	03	07.10.2019
Web of Science Advanced Series by Clarivate Analytics	03	09.10.2019
Two Day National Conference on Emerging Management and Technology Practices - NCEMTP (PMIST)	08	10.10.2019 to 11.10.2019
STTP -Pedagogy Tools in Engineering & Social Sciences	02	14.10.2019 to 19.10.2019
International conference on recent trends in computing ,communication and networking technologies	01	18.10.2019 to 19.10.2019
Two Days National Workshop on Bharatiya Management	01	18.10.2019 to 19.10.2019
One day Seminar on “MATLAB Applications on Dynamic Images” organized by the Department of Software Engineering, PMIST	10	02.11.2019
One Day Workshop on “R” organized by the Teaching Learning Centre (ICT) at IIT Bombay	01	09.11.2019
SWAYAM NPTEL Online Course “ Wastewater Treatment and Recycling”	02	16.11.2019
SWAYAM NPTEL Online course “Integrated Solidwaste management for Smart cities”	01	17.11.2019
SWAYAM NPTEL Online course “Advanced Concrete Technology”	01	17.11.2019

Advanced Tools And Techniques For Research In Engineering Problems	01	18.11.2019 to 23.11.2019
Research Methods & Analytical Applications in Architecture & Urban Planning by COA-TRC	02	18.11.2019 - 22.11.2019
Faculty Development Program on <b>Practical Training on Geosynthetics and Special Concrete</b> organized by National Institute of Technical Teachers Training and Research (NITTTR) & SRM Institute of Science and Technology, Chennai	01	18.11.2019 to 22.11.2019
Public Management Systems	01	26.11.19- 27.11.19
International Conference on IMEC-2019 at NIT Trichy	01	01.12.2019
International Conference on "Innovation in Engineering Sciences, Management and Technology (ICIESMT - 2019)	01	03.12.2019 to 05.12.2019
National Seminar Awareness and services Provisions for persons with multiple disabilities for requiring early rehabilitation in Tamil Nadu	09	03.12.2019 to 05.12.2019
5 <sup>th</sup> Arvind Verma Memorial Lecture on <b>"Role of Instrumentation in Geotechnical Engineering"</b> organized by Department of Civil Engineering, National Institute of Technology Trichy and Indian Geotechnical Society, Trichy Chapter	04	06.12.2019
National workshop on <b>"Socially Relevant Technical Education : Exploring Cooperation Oriented Actions"</b> on at organized by National Institute of Technical Teachers Training and Research (NITTTR), Chennai.	01	06.12.2019 to 07.12.2019
National Workshop on Socially Relevant Technical Education: Exploring Cooperation Oriented Action	01	06.12.2019- 07.12.2019
5 <sup>th</sup> ArvindVerma Memorial Lecture titled Role of Instrumentation in Geotechnical Engineering	01	06.12.2019

Two day training workshop on “ Hydrogeochemical analysis & Groundwater Flow and Containment Transport Modelling organized by Karunya Institute of Technology and Sciences, Coimbatore	03	12.12.2019 to 13.12. 2019
Innovation and research challenges in IOT applications for smart manufacturing and smart design	01	09.12.2019 - 14.12.2019
One day workshop on “Full agenda of the DST & ACS” Organized by Bharathidasan University	01	09.12.2019
IGIP International engineering educator	01	12.12.2019
A two day training workshop on “Hydrogeochemical analysis & Groundwater Flow and Contaminant Transport Modelling” organized by Water Institute, Karunya Institute of Technology & Sciences	01	12.12.2019 to 13.12.2019
Faculty Induction Programme	01	18.12.2019 to 24.12. 2019
Faculty Induction Programme	01	18.12.2019 to 24.12.2019
International Conference on ICECON-2019 at NIT Trichy	01	20.12.2019
The art of teaching and learning engineering graphics NIT CALICUT	01	30.12.19 to 03.01.2020

**Annexure - 9**

**Institutional efforts/initiatives in providing an inclusive environment i.e.,  
tolerance and harmony towards cultural, regional, linguistic, communal  
socioeconomic and other diversities**

**Activities by PURA**

S.No	Activities	Date	No. of Participants	
			Male	Female
1.	Clean India programme at Pillayarpatti village	21.10.2019	15	25
2.	Tree planting camp at Pillayarpatti village	21.10.2019	20	25
3.	Clean India Programme at Ayyasampatti village.	22.10.2019	10	20
4.	Tree planting camp at Ayyasampatti village	22.10.2019	10	20
5.	Vermi Compost training in PMIST	30.10.2019	5	15
6.	Clean India programme at Manjapattai	19.11.2019	140	102
7.	Children's day function at Manjapattai	21.11.2019	140	100
8.	Tree planting camp at Manjapattai	21.11.2019	10	20
9.	Medical Camp at Manjapattai	24.11.2019	100	200
10.	Distribution of Neelavambu Kudeeneer during Founder's Day Celebration	02.12.2019	300	500
11.	Free Diabetes medical camp	02.12.2019	50	58
12.	Clean India programme at Cellappanpattai	18.12.2019	12	-
13.	Medical camp-Cellappanpattai	22.12.2019	90	110

**Activities conducted by Department of Social Work, PMIST**

S.No	Title of the programme	Period	Participants	
			Male	Female
1	Observance of World Mental Health Day 2019: Focus On Suicide Prevention - "Be The Light"	10.10.2019	-	60
2	Awareness program on "Technology addiction and its ill effects -conducted at Adi Shakarar ITI,	24.10.2019	60	-

	Thanjavur			
3	Awareness program on Individual Social Responsibility – conducted at Pillayarpatti	24.10.2019	15	50
<b>Rural Camp – 2019 –@ Periyar PURA &amp; UBA Villages South palayapatti</b>				
4	1000 Palm Seeds Plantation	04.11.2019	70	80
	Awareness program on Aerospace Technology for Government School Students.		35	40
	Awareness program on importance trees and its effects on Climate change.		50	30
<b>Rural Camp – 2019 – Pudukkudi</b>				
5	Free Dental Check up & Awareness Camp at Aadhi Dravidar Middle School, Pudukudi	05.11.2019	35	60
	Awareness program on Importance of English Language Skills for 6 <sup>th</sup> to 9 <sup>th</sup> Standard School Students.		25	25
	Awareness programme on Child care and Protection for Rural public		50	30
<b>Rural Camp – 2019 – Navalur</b>				
6	Awareness program on Establishing Home based Vegetable Gardening	06.11.2019	50	15
	Setting up Vegetable Garden @ Govt. Middle School		45	35
	Awareness Programme “ Education is the Key to Success”		25	40
<b>Rural Camp – 2019 – Rayamundanpatti</b>				
7	Motivational programme “GOOD DAY” for Govt. High School students, Rayamundanpatti	07.11.2019	35	45
	Awareness Rally on Environmental Protection		80	120
	Awareness Programme on Healthy foods and Herbal Medicines		40	40
<b>Rural Camp – 2019 – Devarayaneri</b>				
8	General Medical Check-up and Blood group Identification camp	08.11.2019	50	70
	Awareness program on Happy Parenting			

	Sports for Gypsy Children at Narikoravar Colony		30	40
	<b>Rural Camp – 2019 – Kottarapatti</b>			
	Participatory Rural Appraisal Valuation for the campers		-	-
9	Social Survey on Mental health among Elderly in Kottarapatti.	09.11.2019	-	-
	Awareness Programme on Alcoholism and De-addiction		60	30
10	Inter School Debate on “Reason for Child Marriage” at Government Hrs Girls School, Aranmanai, and Thanjavur	20.11.2019	140	-
11	Training programme on Prevention of Child Marriage & the Prohibition of Child Marriage Act – 2006 to GS & MS of Department of Social welfare Board at PMIST	22.11.2019	-	35