

## INTERNAL QUALITY ASSURANCE CELL

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**PERIYAR  
MANIAMMAI**  
INSTITUTE OF SCIENCE & TECHNOLOGY  
(Deemed to be University)  
Established Under Sec. 3 of UGC Act, 1956 • NAAC Accredited  
think • innovate • transform

### MINUTES OF 99<sup>th</sup> INTERNAL QUALITY ASSURANCE CELL MEETING HELD ON 30.11.2021

The minutes of 98<sup>th</sup> meeting of Internal Quality Assurance Cell held on 30.11.2021 from 11.00 A.M., in Hybrid Mode 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. P.K. Srividhya	Registrar	Member
4.	Dr.A.George	Dean / Academic	Member
5.	Dr. S. Kumaran	Dean / Research (i/c)	Member
6.	Dr. R. Jayanthi	Director / IQAC	Member
7.	Dr. S. Senthamilkumar	Dean / FET	Member
8.	Dr. C.V. Subramanian	Dean / FAP	Member
9.	Dr. J.Jeyachidra	Dean / FCSE	Member
10.	Dr.P.Vijayalakshmi	Dean(i/c)/FHSM	Member
11.	Dr.K.Lakshmi	Professor / CSE	Member
12.	Er. S. Sampath Director, M/S Velmurugan Industries, Sengipatti, Thanjavur	Industry Representative	Member
13.	Dr.S.Margret Anuncia Professor/ VIT University	Alumni	Member
14.	Mr. A. Dineshkumar Executive Senior Agency Manager, Kotak Mahindra Life Insurance Co Ltd, Chennai Branch.	Employer	Member
15.	Er. N.T. Balasundaram Honorary Secretary /IE(I), Local Chapter, Thanjavur	Local Society Rep.	Member
16.	Mr.P.Vishnu Rathan, CEO/myhospitalsindia.com	Parent Rep.	Member
17.	Dr. KVR Rajandran	MR/UQMS & Coordinator / UQRM	Member
18.	Dr. M. Sharmila Begum	Associate Professor / CSE	Member
19.	Dr. J. Sathyapriya	Associate Professor / MBA	Co-coordinator/ IQAC
20.	Ms. Sowmiya, IV year Architecture	Chairperson /Student Council of PMIST	Member

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

#### **PART - A GENERAL**

##### **Item 99.1: To confirm the minutes of the 98<sup>th</sup> meeting of the IQAC held on 30.07.2021**

The minutes of the 98<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 99.2: Criterion I - Curricular Aspects**

- Dr.SP.K. Babu, Criterion - I Convenor briefed his plan to increase the number of value added courses to be offered for the forthcoming academic year.
- The BoM representative suggested increasing more value added courses in association with industry.
- The convenor presented the details of feedback on curricular aspects collected, analysed and action taken report. The external members of the IQAC appreciated for the efforts taken by the Institution.  
<https://pmu.edu/iqac/feedback-on-curricular-aspects.aspx>

##### **Item 99.3: Criteria - II - Teaching Learning and Evaluation**

- The Criterion Convenor Dr.K.Lakshmi elaborated the attainment of Course Outcomes (CO), Programme Outcomes (PO) and Programme Specific Outcomes (PSO) of various courses pertaining to a specific programme that are done based on Direct and Indirect Assessment methods. Sample is attached as annexure - 1.

##### **Item 99.4: Criteria - III - Research, Consultancy and Extension**

- Dr.S.Kumaran, Dean / Research presented the details of workshops/seminars conducted on Research methodology, Intellectual Property Rights (IPR), entrepreneurship, skill development. The details are as follows:

<b>Name of the workshop/ seminar</b>	<b>Number of Participants</b>	<b>Date From - To</b>
Webinar on ASTROPHYSICS	250	06.08.2021
Session on Angel Investment/VC Funding Opportunity for Early Stage Entrepreneurs.	61	06.08.2021
Orientation session for all students & faculties of Institute by Innovation Ambassador(s).	208	18.08.2021
Business Plan/Prototype Competition to Invite Innovative	53	26.08.2021
Talk on "From your Ph.D./ Master's Thesis to a start-up	34	26.08.2021
Session/ Workshop on Business Model Canvas (BMC)	41	27.08.2021
World Entrepreneurs Day Celebration	77	27.08.2021
Workshop on Innovation in Modular Toilet Construction	41	27.08.2021
Virtual International Workshop On Mathematics for Chemists	75	27.08.2021
Webinar on "Why not you be an Entrepreneur"	72	27.08.2021
Field/Exposure Visit to Incubation Unit/Patent Facilitation Centre/Technology Transfer Centre/ Co- working spaces	32	28.08.2021
Session/ Panel discussion with innovation and Startup Ecosystem Enablers from the region/state/national level	11	30.08.2021
Session on Building an Innovation/ product fit for market	21	30.08.2021
Session on "How to plan for Start-up and legal; Ethical Steps"	93	31.08.2021
Interactive Session/Mentoring Session with & Successful Start-up founders" (Entrepreneurs in Campus)	27	07.09.2021
Bambopreneur, Poorman's Steel and Green Gold	300	18.09.2021
Post Pandemic Teacher Education: Challenges and Opportunities	95	24.09.2021

Webinar on Features and Future of Deep Learning	62	27.09.2021
Using R Environment for Research - Beyond Statistics	50	27.09.2021 - 29.09.2021
Webinar on An Overview of Big Data Analytics	83	29.09.2021
Practicum and School Internship	100	3.11.2021
Seminar on Soft skill Development Programme	95	21.12.2021
Seminar on Soft skill Development Programme	106	31.12.2021

- The Collaborative activities with other institution for research are presented by Dean Research

<b>Name of the collaborating agency with contact details</b>	<b>Year of collaboration</b>	<b>Duration</b>	<b>Nature of the activity</b>
Gulf Engineering, Karaikudi	05.08.2021	3 Years	Joint Research & Innovative Seminars are conducted and Research Proposal Submitted
Fermentech GSV Private Limited	25.08.2021	Indefinite	Two alumni are currently working
Swifterz Creative Services (LLP), Coimbatore	15.09.2021	3 Years	Consultancy Project preparation is in Progress
Entrust Technology Services, Trichy	29.12.2021	3 Years	Guest Lecture on Networking Technology during National Level Technical Symposium on 18.3.2022
Chennai Oscar Institute, Thanjavur	31.12.2021	Indefinite	3.1.2022 to 5.1.2020 and 10.2.2022 To 11.2.2022 Value Added Course- Quicker Mathematics
ICT Academy	26.05.2021	5 years	Power Seminar - 5, HR conclave - 2, FDP attended by faculty - 10, ICTACT journal free of cost

**Item 99.5: Criteria - IV - Infrastructure and Learning Resources**

- Dr. Senthamilkumar presented the details about the budget allocation for infrastructure augmentation excluding salary.
- The Convenor presented the usage of library by teachers and students per day.

**Item 99.6: Criterion - V - Student Support and Progression**

- Dr. CV. Subramanian presented that 26 Capacity development and skills enhancement initiatives were undertaken. The details are provided as Annexure - 2
- SHOWCASE 2021 was organized on 01.09.2021

**Item 98.7: Criterion - VI -Governance, Leadership and Management**

- The Convenor presented the details of number of teachers undergoing online/ face-to-face Faculty Development Programmes. The complete details are given as Annexure - 3.

**Item 98.8: Criterion - VII - Institutional Values and Best Practices**

- Dr.R.Jayanthi briefed about 9 National and International Commemorative days, events and festivals celebrated / organized at Institution.

S.No.	Date	Title of the Programme	No. of Participants
1	15.09.2021	54 <sup>th</sup> Engineers Day Celebration	150
2	17.09.2021	Thanthai Periyar's 143rd Birthday Celebration	600
3	18.09.2021	World Bamboo Day	318
4	05.10.2021	World Teachers Day	80
5	08.10.2021	Indian Airforce Day	88
6	12.10.2021	International Day of Girl Child	50
7	14.11.2021	Children's Day Celebration	20
8	18.11.2021	Children's Day Celebration - Sports Competition to the Home Children	140
9	19.11.2021	Observance of World Day for the Prevention of Child Abuse and Signature Campaign against Child Abuse	135

- Dr.R.Jayanthi elaborated about the various Institutional efforts/initiatives in providing an inclusive environment i.e., tolerance and harmony towards cultural, regional, linguistic, communal socioeconomic and other diversities.

Activities	Date	No. of Participants	
		Male	Female
Debate on "Children Likes - Online Class Room or Live Class Room"	18.11.2021	-	65

The Co-Coordinator IQAC proposed the vote of thanks.

*R. Jayanthi*

**Dr R.Jayanthi**  
Director / IQAC

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To:  
Members of IQAC  
All the Deans, Directors, MR/QMS, Co-ordinator / IQAC  
Heads of Department & Section Heads  
Copy to:  
COE, F.O. i/c, PRO i/c / PS to VC & PA to Registrar / Periyar Net.

# Annexure - 1

## CO PO Attainment - Sample

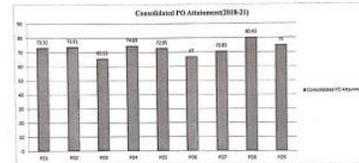
**Department of Commerce**  
**B.Com. 2018-21 Batch**

Course Code	CO1	CO2	CO3	CO4	CO5
XGE101	25.17	61.93	61.11	69.89	96.84
XCG102	72.94	69.15	64.45	53.28	59.33
XCG103	74.53	66.37	62.04	69.72	59.5
XCG104	57.64	53.91	63.68	55.17	77.56
XCG105	73.12	74.53	75.63	71.56	86.78
XIM106	65.53	47.58	59.99	54.85	62.38
XLS201	69.88	74.37	59.21	61.32	96.73
XCG202	55.77	41.45	63.77	52.61	61.46
XCG203	72.14	69.18	64.48	67.12	74
XCG204	48.76	49.81	58.68	49.66	54.9
XJL205	56.05	54.65	57.09	56.62	62.5
XMS301	79.28	63.32	48.62	57.81	64.63
XCG302	74.66	61.35	57.32	68.9	89.73
XCG303	73.85	65.37	67.49	73.61	92.23
XCG304	54.21	63.91	61.56	37.2	45.83
XCG306	72.74	63.74	86.98	74.65	54.65
XCG401	79.28	63.32	48.62	57.81	64.63
XCG402	74.66	61.35	57.32	68.9	89.73
XCG403	73.85	65.37	67.49	73.61	92.23
XCG404	54.21	63.91	61.56	37.2	45.83
XCG406	72.74	63.74	86.98	74.65	54.65
XCG501	79.17	79.17	72.92	68.75	31.22
XCG502	82	72	72	84	79
XCG503	90	85	77	78	85
XCG504	89.77	84.99	77.12	77.81	82.15
XCG505	84.59	79.81	74.64	74.53	73.37
XCG506	79	79	80	71	71
XCG601	68	62	56	94	85
XCG602	94	90	63	100	100
XCG603	92	88	94	92	100
XCG604	77	72	72	80	76

*N. J. Joshi*  
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B.Com. 2018-21 Batch Final Assessment

Assessment	CO1	CO2	CO3	CO4	CO5	CO6	CO7	CO8	CO9
Consolidated PO Attainment	73.12	71.91	63.12	63.68	63.68	63.68	63.68	63.68	63.68



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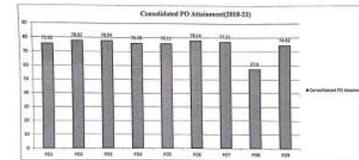
**Department of Commerce**  
**B.Com. (Hons.) 2018-21 Batch**

Course Code	CO1	CO2	CO3	CO4	CO5
XGL101	77.09	69.75	72.36	79.05	73.21
XCO102	63.33	65.61	68.17	69.04	66.00
XCO103	64.62	67.38	64.56	58.09	72.23
XCO104	71.15	69.85	73.55	70.05	75.25
XCO105	79.03	66.71	76.31	71.46	76.59
XIM106	58.85	47.42	57.89	57.71	58.56
XGL201	69.88	74.37	59.21	61.32	96.73
XLS202	55.77	41.45	63.77	52.61	61.46
XGL203A	72.14	69.18	64.48	67.12	74
XCO204	48.76	49.81	58.68	49.66	54.99
XCO205	74.03	77.09	79.31	55.84	56.97
XCO206	55.18	65.18	65.18	65.18	65.18
XMS301	85.34	82.24	79.62	88.01	79.29
XCO302	84.00	86.00	82.00	85.00	86.00
XCO303	86.27	64.71	98.04	54.99	56.96
XCO304	89.24	92.08	88.63	89.78	93.94
XIM306	83.65	89.90	86.88	87.08	89.23
XCO401	94.00	95.00	96.00	92.00	98.00
XCO402	94.00	96.00	96.00	92.00	98.00
XCO403	73.00	75.00	90.00	96.00	88.00
XCO404	94.00	96.00	96.00	92.00	98.00
XCO501	90.23	91.45	91.92	90.34	89.92
XCO502A	79.00	63.00	50.00	25.00	54.00
XCO503	93.33	96.00	88.63	92.25	91.34
XCO503A	92.22	91.02	87.92	91.12	92.23
XCO503C	85.00	80.00	90.00	90.00	88.00
XCO501	84.00	85.00	87.00	86.12	87.13
XCO603	82.14	83.22	87.34	81.82	80.24
XCO602C	92.00	40.00	96.00	88.00	84.00
XCO603A	92.00	94.92	96.00	91.23	96.00
XCO603C	82.00	84.50	85.25	91.22	95.00

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B.Com.(Hons.) 2018-21 Batch Final Assessment

Assessment	CO1	CO2	CO3	CO4	CO5	CO6	CO7	CO8	CO9
Consolidated PO Attainment	73.12	71.91	63.12	63.68	63.68	63.68	63.68	63.68	63.68



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## Annexure - 2

### Capacity development and skills enhancement initiatives are taken by the institution

Name of the Capacity development and skills enhancement Scheme	Date of implementation (DD-MM-YYYY)	Number of students enrolled	Name of the agencies/consultants involved with contact details (if any)
Oxygen Delivery Guidelines for Nurses Health Technicians, Staff and Professionals	06.08.2021	73	Dr.Kanmani Barthasarathy Trainer and Assessor from Monash Health Australia
Webinar on "Counseling and Life skills"	13.08.2021	37	D.A. Lilypushpam M.A., M.Phil., Counselor PMIST, Vallam,
Webinar on "Health & Hygiene in Pandemic Crisis"	27.08.2021	59	Dr.M.Aditya, District Program Officer Vellore District
Guest Lecture on "Build your Career as an Accounting Professional"	31.08.2021	77	Mr.CA. G. Nagarjun, Partner Ramachandran & Murali Chartered Account, Tiruppur
Webinar on "Decoding the Basics of Structures"	19.08.2021	80	Er.RS.Rajendran, Consultant - Cost Effective construction & Native Civil Engineering, Adiparasakthi Associates, Medical College Road, Thanjavur.
Webinar on "Skills Needed for IT Industry - A 360 View"	20.08.2021	58	Mr.S.Hariharan, Front End Developer, Takvaviya Analytics Pvt., Ltd., Chennai
Virtual International Workshop on "Mathematics for Chemists"	27.08.2021	75	Dr. Martin Mkandawire, Professor in Chemistry, School of Science and Technology, Cape Breton University (CBU), Canada.
Webinar on "Basic Techniques of Film Editing"	28.08.2021	221	Mr.Darling Richardson, Film Editor, Chennai
Webinar on "Python Programming"	30.08.2021	72	Mr.R.Palaniappan Managing Director ,Infosystems, Thanjavur.
Webinar on "Computing Multimedia Applications"	31.08.2021	50	Mr.S.Sathish, System Administrator, Amshuhu iTech Solution Pvt. Ltd., Chennai

Webinar on "Clinical Research"	13.09.2021	36	Dr.K.Ramya, MBBS MD PhD, Project Manager, Head of the Clinical Research Deepam Hospitals, Clininical Research Department , Thambaram West , Chennai
Awareness Program on Upskilling from M/s Prag Robotics	20.09.2021	206	PRAG ROBOTICS PVT LTD,Chennai
Webinar on " Creative Matte Painting Where   When   How"	25.09.2021	71	Mr. M.Radhakrishan, MFA ,Lead Matte Painter at MPC, Bangalore
Webinar on "Using R Environment for Research – Beyond Statistics"	27.09.2021 to 29.09.2021	58	Dr.S.Mohammed Ali, Senior Lecturer CEO, Chiang Mai University, Thailand
Webinar on " Features & Future of Deep Learning"	27.09.2021	54	Prof .N.Sakthivel, Dept.of MCA, Adhiyamaan College of Engineering, Hosur,Tamilnadu
Webinar on "An Overview of Big Data Analytics"	29.09.2021	83	Dr.A.Arun Gnana Raj, MCA,MBA, Software Project Manager & Solution Architect, Quanawat FZ LLC Software Company, DUBAI
Webinar on “Drone Surveying”	01.10.2021	120	Dr.R.Malathy, Professor & Dean, Sona College of Technology, Salem
Webinar on" Nobel Prizes in Chemistry in recent decades "	12.10.2021	34	Ms. T. Divya, Project Assistant, TNSCST Project, PMIST.
Webinar on" Investment Avenues and Recent Development in Stock Market"	13.10.2021	56	Dr.S.Mohammed Ali, Senior Lecturer CEO, Chiang Mai University, Thailand
A webinar on "Scripting Languages"	20.10.2021	52	Prof M.Karthikeyan, M.E., HoD /IT,Sengunthar College of Engineering,Tiruchengode, Namakkal,Tamilnadu
A webinar on "Block Chain Technology"	23.10.2021	49	Mr.K.Anupriyan, Technical support, Corporate Trainer ,CADD,Livewire, Thanjvur, has interacted with the students
Webinar on “Arango DB”	29.10.2021	83	Mr.A.Chris Julian, Junior Software Developer in Ainqu Health Care,

			Coimbatore
International Webinar on "Microscopy and Chemistry"	03.11.2021	68	Dr. Vijayshankar Ashokan, Visiting Faculty, Department of Chemistry, PMIST, Chalmers University of Technology, Sweden.
Guest Lecture on "Design and Construction of Roads "	23.11.2021	10	Er. Ram Santhappan, Chief Guest Harris County, Construction programme Division, Houston, Texas, Dr. Sentamil Kumar , Dean FEt, PMIST
Webinar on 'Social Media Marketing'	26.11.2021	104	Mr. Dhanraj Venugopal, Assistant Manager, Bank of New York Mellon FX and Corporate Treasury Services, Chennai, has interacted with the students.
A webinar on "Java Script"	19.11.2021	82	Mr. P. Sunil Kumar , Asst. Prof / CSE, PMIST

### Annexure - 3

#### Details of number of teachers undergoing online / face-to-face Faculty Development Programmes

<b>Name of teacher who attended</b>	<b>Title of the program</b>	<b>Duration (from – to)</b>
Ar s Vithiyalakshmi	AICTE ISTE FDP on cultural responsive Built environment	01-08-2021 to 30-10-2021
Ar E Uma Mouthiga	NPTEL FDP Comtemporany Architecture	01-08-2021 to 30-10-2021
Ar Kavitha VS	NPTEL AICTE FDP on cultural responsive Built environment	01-08-2021 to 30-10-2021
R. Suresh	FDP on Effective Teaching for the next generation NPTEL	03-08-2021 to 23-10-2021
K. Arun Ganesh	FDP on Recent Tredns in Electical Engineering	16-08-2021 to 23-08-2021
Ar S Suganthi	NAAC Accreditation framework An overview in respect of new guidelines Sage University GOA	17-08-2021 to 28-07-2021
Ms Vinothinidevi	FDP on Digital Teaching Methods in Higher Education Hindustan College of Arts and Science	23-08-2021 to 28-08-2021
Dr Elanchezhian J	FDP on Digital Teaching Methods in Higher Education Hindustan College of Arts and Science	23-08-2021 to 28-08-2021
Mr Vivek CM	FDP on sustainable Change Management in Tchnical Institutes for NEP 2020 Implementation AICTE	23-08-2021 to 27-08-2021
Ar K Jasmin Vidhya	FDP on Research approaches and methodologies in disaster management	23-08-2021 to 27-08-2021
Dr M Sharmila Begum	FDP on Data Science PMIST	24-08-2021 to 28-08-2021
Dr. V Srithar	FDP on Signal Processing for 5G and IoT AICTE	06-09-2021 to 10-09-2021
V. Nagaraj	FDP on Nanomaterials and Nanotechnology AICTE	20-09-2021 to 24-09-2021

I. Karthic Subramaniyan	FDP on Design and Analysis using CATIA V5 AICTE	20-09-2021 to 24-09-2021
R.K. Muthuraman	FDP on Design Thinking and Creativity for Educators AICTE	27-09-2021 to 01-10-2021
Dr C Narmadha	FDP on Emerging Research Advances and Trends in Intelligence Knowledge Engineering Systems	30-09-2021 to 06-10-2021
Ms C Anusuya(a) Priya	FDP on Obtaining Research Fund Opportunities and methods	18-10-2021 to 24-10-2021
Ar K Ashwin Prakash	AICTE FDP on outcomes based curriculum and examination reforms	25-10-2021 to 29-10-2021
Ar S Booja Sri	AICTE FDP on outcomes based curriculum and examination reforms	25-10-2021 to 29-10-2021
Dr S Kumaran	FDP on Electroanalytical Techniques for Bio Sensing application AICTE	22-11-2021 to 26-11-2021
Mr A Pugazhenth	FDP on Research Aspects on Thermal Barrier Coating AICTE	06-12-2021 to 10-12-2021