



MANAKULA VINAYAGAR INSTITUTE OF TECHNOLOGY



Approved by the AICTE, New Delhi - Affiliated to Pondicherry University
Accredited by NAAC WITH 'A' Grade and NBA (National Board of Accreditation)
Kalitheerthalkuppam, Puducherry - 605 107
Ph: 0413 2643007 / Website: www.mvit.edu.in

The 23rd IQAC meeting with its External members was held on 27th June 2026 at 2.30 pm in the Board Room.

The following members were present:

IQAC Chair

Dr. S. Malarkkan, Principal

IQAC Coordinator

Dr. R. Valli, Dean (R&D)

Academic Peer

- Dr. N. Alagumurthi, Professor, Department of Mechanical Engineering, Puducherry Technological University

Industry Member

- Mr.E. Manosundar, Director Operations, eSales software Solutions, Puducherry
- Mr.D.Viswanathan Chief Executive, K-Foods, Cuddalore
- Mr.Praveen Narayanasamy, Data Engineer, Nielsoniq, Chennai
- Mr.M.Arun kumar, Senior Mnager-HR, Whirlpool of India limited, Puducherry

Members from the Institution

- Dr. A. Thenmozhi, Prof/ECE
- Dr.C. Shanmugasundaram, Professor and Head/EEE
- Dr. Dr.T.Manochandar, Professor and Head/ECE
- Dr. S. Pariselvam, Professor and Head/CSE
- Dr.P. Sivakumar, Professor and Head/IT
- Dr.V. Govindan, Professor and Head /RA
- Mr.R.Raj Bharath, Head / AI & ML
- Dr. N. Palanivel, Professor & Head /CSE(ICB)
- Dr.D. Tiroutchelvame, Professor and Head/FT
- Dr. P. Baskaran, Professor and Head/MBA
- Ms. M.Sumithra, First Year Coordinator
- Dr.M.Jayekumar, Dean(Placement)
- Dr. Meiappan, Professor/IT, Exam Cell Coordinator
- Dr. R. Sofia, AP/ECE

- Ms.R. Indumathi,AP/CSE
- Ms. G. Sharmila , AP/CSE
- Ms. J. Prabhavathi, AP/IT
- Ms. V. Vimala Dheekshanya, AP/IT
- Mr.A.Thiagarajan,AP/Mech
- Mr.B. Vasanth , AP/Mech
- Dr. K. Sedhuraman, ASP/EEE
- Ms.R. Priya, AP/EEE
- Ms.Ramya, AP/RA
- Dr.R. BaghyaNisha, AP/FT
- Mr.V.Kumaraguru,AP/CSE(ICB)
- Ms. S.K. Sugunedham, AP/AIML
- Mr. A. Jainullabdeen, AP/AIML
- Dr. Baig Mansur Ibrahim, ASP/MBA
- Dr. G. Agalya, AP/MBA
- Ms. M. Shakira Banu, AP/CA

Alumni Members

- Mr. M. Velmurugan, ECE (2013-17), Technical Lead Salesforce, NulogicPvt Ltd
- Ms. N. Bhavatharani, CSE (Batch 2017-21), Directory Services Software Developer, Ford Global Technology and Business Centre, Chennai
- Mr. Brainard Samuel, IT (Batch 2016-20), Solution Advisor (Data Science), Deloitte USI, Chennai
- Mr. M. Abilash, EEE (Batch: 2016-20), Quality Engineering Lead,Infosys Pvt.Ltd.,Bangalore
- Ms. DjeocikaLizy, FT (Batch: 2021-25), M.Tech.(Food Technology), SRM Institute of Science and Technology, Chennai

Student Members

- Ms. R. Deepika, ECE (Batch: 2023-27)
- Mr. P. Sivaraj, CSE (Batch: 2023-27)
- Ms. P. Prabhavathy, IT (Batch: 2023-27)
- Mr. V.Sakkaravarthi, MECH (Batch: 2023-27)
- Mr. P.Yugan, EEE (Batch: 2024-28)
- Ms. Leelambaiga. G, RA(2024-28 Batch)
- Ms. S. Gathyayaney, FT(Batch : 2023-27)
- Mr. S.Sanjay, CSE(ICB) (Batch:2024-28)
- Mr.A.Thamilselvan, AIML (Batch:2024-28)

Dr.R.Valli, coordinator IQAC, acknowledged the gracious presence of IQAC members and submitted the following agenda for the discussion.

AGENDA FOR THE MEETING:

AGENDA.NO	PARTICULARS
AGENDA.01	To review of progress of activities based on the suggestions given by members in the previous IQAC meeting held on 31 st Jan 2026.
AGENDA.02	Criteria-wise Activities of Academic Year 2025-26 : Review and Discussion I. Curricular Aspects II. Teaching-Learning and Evaluation III. Research, Consultancy and Extension IV. Infrastructure and Learning Resources V. Student Support and Progression VI. Governance, Leadership and Management VII. Institutional Values & Best Practices
AGENDA.03	To review of Activities and Target Achievement Report as per IQAC Action Plan for the Academic Year 2025 - 26.
AGENDA.04	To discuss the various documents to be reviewed in the Academic and Administrative audit in various departments scheduled from 29 th June 2026
AGENDA.05	To review the Quality Initiatives proposed / implemented in our Institution through IQAC during the academic year 2025-26 Even semester (PDP, Capacity building programs)
AGENDA.06	IQAC Action plan target for the Academic Year 2026-27 (Odd and Even Semester)

Agenda 1: To review of progress of activities based on the suggestions given by members in the previous IQAC meeting held on 31st Jan 2026.

The IQAC Coordinator presented the **Action Taken Report (ATR)** on the suggestions and recommendations made during the previous IQAC meeting held on 31 January 2026, with particular focus on the inputs provided by external members, including industry experts and alumni. The report highlighted the measures and actions implemented by the institution in response to the recommendations, and the IQAC members appreciated the systematic follow-up and effective actions taken on the suggestions.

Note: The minutes of the previous meeting was ratified by the IQAC members and the Action Taken Report was reviewed and approved.

Agenda 02: Criteria-wise Activities of Academic Year 2025-26: Review and Discussion

A detailed presentation was made by the IQAC Coordinator covering the significant academic, research, student development, quality enhancement, and institutional activities carried out during the Academic Year 2025–26, under the following seven key areas

- I. Curricular Aspects
- II. Teaching-Learning and Evaluation
- III. Research, Consultancy and Extension
- IV. Infrastructure and Learning Resources
- V. Student Support and Progression
- VI. Governance, Leadership and Management
- VII. Institutional Values & Best Practices

The presentation highlighted the major achievements, initiatives, outcomes, and quality improvement measures undertaken by the institution, along with the progress made towards achieving IQAC targets and continuous improvement in institutional quality.

Accreditation - NBA

It was informed that the expert team visit for the ECE, CSE, and IT departments was successfully completed from 24th to 26th April 2026 for NBA Accreditation. Based on the evaluation, accreditation has been granted for the next three years for the 3 programmes.

Programme	Accreditation Status	Validity
B.Tech. – Electronics and Communication Engineering	Accredited	30.06.2028
B.Tech. – Computer Science and Engineering	Accredited	30.06.2028
B.Tech. – Information Technology	Accredited	30.06.2028

For the MBA programme, the committee noted that the existing accreditation is valid up to 30.06.2026, and it was informed that the pre-qualifier preparation is under progress for renewal of accreditation. The committee appreciated the efforts of the faculty members, and supporting teams for the successful completion the accreditation process and emphasized the need for continuous compliance, systematic documentation, outcome-based quality improvement and timely preparation of accreditation-related records.

I. Curricular Aspects

- The academic practices being followed in our autonomous systems with regulations R2025 was discussed with focus on curriculum development, academic flexibility, examination reforms, continuous assessment, outcome-based education and student centric teaching – learning practices.
- Academic Review Committee (ARC) and the Academic and Administrative Audit Committee (AAA) ensure the quality of the Teaching Learning Process and assessment. A strong focus has been placed on experiential learning through project work, field work and internships.
- The details of Value-Added Courses (VACs), industrial visits, internships, guest lectures, special lectures, and workshops organized by various departments during A.Y. 2025–26 were presented and reviewed.

Department	No. of VAC courses Conducted	No. of Industrial visit	No. of Internships/IPT	No. of Guest Lectures organized	No. of special lectures delivered	No. of Workshops Organized
ECE	4	04	15	6	29	6
CSE	6	04	26	6	56	6
IT	7	04	31	6	44	5
MECH	6	04	05	6	14	3
EEE	6	04	06	6	26	5
RA	5	05	12	6	24	6
FT	6	06	20	6	24	6
CSE(ICB)	6	04	11	5	24	5
AI&ML	6	08	34	5	45	6
S&H	6	02	-	4	39	2
MBA	3	02	-	6	28	6
CA	3	01	-	3	18	2
TOTAL	64	48	160	65	372	58

II. Teaching-Learning and Evaluation

The results of the first year second semester under R 2025 (Autonomous) was presented in the meeting.

i. End Semester Examination Results of First Year – First Semester Engineering (2025 – 29 Batch)

No. of Students Appeared	No. of Students Passed	Pass %
752	435	57.85%

No	Programme / Dept	Total No of Students appeared	No of Student Pass	No of Student Fail	Over all Pass %
1.	B.Tech / MECH	25	6	19	24.00
2.	B.Tech / FT	27	13	14	48.15
3.	B.Tech / RA	34	14	20	41.18
4.	B.Tech / ECE	138	81	57	58.70
5.	B.Tech / EEE	27	9	18	33.33

6.	B.Tech / IT	87	61	26	70.11
7.	B.Tech / CSE	229	141	88	61.57
8.	B.Tech / AIML	125	69	56	55.20
9.	B.Tech / ICB	60	41	19	68.33
BTECH : OVERALL		752	435	317	57.85%

ii. End Semester Examination Results of First Year – First Semester Management Studies (2025 – 27 Batch)

SL. No	Dept	No. of Students Appeared	No. of Students Passed	Pass %
1	MBA	112	105	94.59%

iii. End Semester Examination Results of First Year – First Semester Computer Applications (BCA: 2025 – 28 Batch)

SL. No	Dept	No. of Students Appeared	No. of Students Passed	Pass %
1	BCA	20	5	25.00%

iv. End Semester Examination Results of First Year – First Semester Computer Applications (MCA: 2025 – 27 Batch)

SL. No	Dept	No. of Students Appeared	No. of Students Passed	Pass %
1	MCA	50	28	56.00%

v. End Semester Examination Results of First Year – First Semester (M. Tech: 2025 – 27 Batch)

SL. No	Dept	No. of Students Appeared	No. of Students Passed	Pass %
1	M.Tech (CSE)	4	2	50.00%
2	M.Tech (ECE)	1	1	100%

III. Research, Consultancy and Extension

The details of activities related to Research and its outcomes were presented. It was highlighted that, ICSCAN 2026 – International Conference was organized on 12th and 13th July 2026. Ts. Dr. Chockalingam Aravind Vaithilingam, Adjunct Professor, Batangas State University, Philippines, and Director, MADE Technology Readiness Labs, as the Chief Guest. The conference proceedings/publications are available through IEEE Xplore.

i. Publications

Journal publications, conference presentations, and books/book chapters contributed by faculty and researchers during the Academic year 2025-26 were presented.

Department	No. of Journals Published	No. of National/ International Conference	No. of Book Chapters
ECE	3	4	3
CSE	2	15	4
IT	31	15	1
Mech	6	2	2
EEE	4	11	-
RA	4	1	-
FT	3	1	-
ICB	9	6	-
AI&ML	6	20	-
S&H	3	10	4
MBA	9	4	-
TOTAL	80	89	14

ii) The details of Research Methodology Programs / IPR Related Programs / EDC Related Programs/ CGC programs / QIP programs organized was presented.

Department	No. of Research Methodology Programs Conducted	No. of IPR Related Programs Conducted	No. of EDC Related Programs Conducted	No. of CGC programs Conducted	No. of QIP Organized
ECE	03	02	02	4	6
CSE	02	02	02	4	6
IT	02	02	02	2	4
Mech	02	02	02	2	1
EEE	02	02	02	4	2

RA	02	02	03	4	5
FT	02	02	02	4	7
ICB	02	02	01	4	5
AI&ML	01	02	02	4	6
S&H	-	01	00	2	-
MBA	02	02	02	4	3
CA	01	03	-	1	-
TOTAL	23	21	20	39	45

iii) Patents

The institution's IPR achievements were reviewed, with a total of **100 product patents filed and 17 product patents granted**. In addition, **9 copyrights** were filed, of which 8 were granted, reflecting the institution's continued focus on innovation, research, technology development, and intellectual property protection.

A. Y	2021-22		2022-23		2023-24		2024-25		2025-26	
Dept	Filed/ Pub	Granted	Filed/ Pub	Granted	Filed/ Pub	Granted	Filed/ Pub	Granted	Filed/ Pub	Granted
ECE	9	8	7	6	2	-	12	-	9	4
CSE	-	-	2	-	2	-	4	-	10	1
IT	-	-	-	-	2	-	4	-	1	1
MECH	-	-	-	-	1	-	-	-	1	-
EEE	1	-	1	-	3	-	4	-	1	-
RA	-	-	-	-	1	-	1	-	1	-
ICB	-	-	-	-	2	-	-	-	1	-
AIML	-	-	-	-	3	-	3	-	3	1
FT	-	-	-	-	2	-	-	-	2	-
Total	10	8	10	6	18	-	28	-	29	7

- Under the KAPILA Scheme, **45 patents** were approved, with a total grant amount of **₹4,00,500** ($45 \times ₹8,900$), highlighting the institution's continued support for student innovation, patent filing, and intellectual property development.
- The Faculty Development Programme (FDP) titled **"AI-IoT – Edge Revolution: Building the Future of Smart Systems"**, proposed by Dr. N. Palanivel and Dr. S. Vaijayanthi, has been sanctioned under the ATAL scheme and was organized from **17.11.25 to 22.11.25**.
- During A.Y. 2025–26, the institution signed **68 Memorandum of Understanding (MoUs)** with various academic, industrial, and professional organizations to strengthen industry-academia collaboration, internships, skill development, training, research, consultancy, placements, and other academic & professional activities.

V. Student Support and Progression

- The details of placement training activities and the number of companies that visited the campus were presented during the meeting. The training programs included sessions on aptitude, technical skills, soft skills, and mock interviews, conducted in collaboration with industry experts and training partners to enhance student employability. It was also reported that a significant number of reputed companies visited the campus for recruitment drives across various departments.

DEPT.	EEE	ECE	CSE	IT	MECH	FT	RA	ICB	AIML	MBA	OVER ALL
Students Strength	27	178	126	121	18	18	24	60	118	119	809
No. of Students placed	25	130	104	99	15	13	24	51	93	94	648
Total No. of Offers	58	255	174	199	49	13	58	81	134	158	1179
Placement %	92.59	73.03	82.54	81.82	83.33	72.22	100.00	85.00	78.81	78.99	80.09

- During A.Y. 2025–26, **22 students progressed to higher education**, pursuing higher studies in reputed institutions.
- The institution organized and participated in various cultural and co-curricular activities, including CI-Yi YUVA Future 5.0 Talkathon Competition, Vinayagar Chaturthi Eco-Friendly Ganesha Idol Making Contest, First-Year Cultural Events, Onam and Navarathri Celebrations, ICT Youth Talk 2025, Christmas and Pongal Celebrations, Republic Day activities, Mission Shakti Short Film Competition, MVIT Santhai, Kumudham Aha Kondattam, and ELAN–25 Annual Cultural and Sports Meet.
- The committee noted that **10 ICC/POSH-related awareness and sensitization activities** were conducted during A.Y. 2025–26. The programmes focused on the Prevention of Sexual Harassment (POSH) Act, gender sensitization, workplace ethics, professional conduct, rights and responsibilities, ICC procedures, and grievance redressal mechanisms.

- The committee reviewed the Alumni activities conducted during A.Y. 2025–26, with a total of **44 alumni activities/interactions** carried out during the academic year. The initiatives included alumni interaction, mentoring, career guidance, guest lectures, student support, networking, higher-education guidance, and contributions towards institutional development.

VI. Governance, Leadership and Management

- The details of discussions made in Academic council, General Body and Board of studies were presented in the meeting.
- The activities carried out by various **cells, clubs, and committees** were also presented during the meeting.
- The FDP participation of faculty members during A.Y. 2025–26 was reviewed. A total of **222 FDP programmes** were attended by **169 faculty members**.

VII. Institutional Values & Best Practices

The committee reviewed and discussed the institutional best practices implemented during A.Y. 2025–26:

1. Institution's Engagement in Addressing Sustainability Development Goals (SDG)
 2. Excellence through Activities of Professional Bodies and Industries
 3. Digital Learning Ecosystem and Smart Education Practices
 4. Professional Development Programs for Faculty Empowerment
 5. Faculty and Student Participation in Community Engagement
- The institution's commitment to celebrating national and **international commemorative days and festivals** as part of its holistic educational approach was highlighted. With active participation from students, faculty and staff, the institution observed Pi Day, World Water Day, Pongal, Christmas, Deepavali, New Year etc.,

AGENDA.03 To review of Activities and Target Achievement Report as per IQAC Action Plan for the Academic Year 2025 - 26.

The IQAC Target Achievement Report for the Academic Year 2025–26 was presented during the meeting. The report highlighted the achievements and activities undertaken during the academic year, including value-added courses; internal and external workshops; guest and special lectures; industrial visits; research methodology and IPR programmes; entrepreneurship development initiatives; competitive examination guidance and career counselling; alumni contributions and support services; ICC/POSH-related activities; professional development and administrative training programmes; quality-related conferences, seminars and workshops; and student orientation programmes.

AGENDA.04 To review the report of Academic and Administrative audit conducted in June 2026.

The Academic and Administrative Audit (AAA) was completed for the Academic Year 2025–26, and the observations and recommendations of the audit members were reviewed for the quality enhancement and continuous improvement.

AGENDA.05 To review the Quality Initiatives proposed / implemented in our Institution through IQAC during the academic year 2025-26

The committee reviewed the quality initiatives proposed and implemented through IQAC during the A.Y. 2025–26.

- Monthly IQAC Newsletter - “IQAC Dossier” released to disseminate IQAC activities, achievements, and quality initiatives.
- The Faculty Induction Program for newly recruited faculty was successfully conducted from 24.11.25 to 30.11.25. The sessions including an overview of the functioning of the institution, an introduction to Outcome-Based Learning (OBE), insights on Accreditations and Examination Reforms, and focus on Values, Ethics, and Environmental Consciousness were covered. Additionally, the program emphasized the importance of Research & Development, providing faculty with the tools and knowledge to contribute effectively to academic and research initiatives.
- 3rd IQAC Day Celebration – “KALEIDOSCOPE 2025” was organized on 22nd November 2025 with the theme “Celebrating Excellence in Quality & Sustainability.” As part of IQAC Day celebration, SDG Poster Presentation and Short Film Competitions were conducted for students.
- Capacity Building Program on “Introduction to Holistic and Physical Wellness” was conducted from 19.11.2025 to 03.12.25 to introduce the concept of holistic and physical wellness and its importance for maintaining a healthy and balanced lifestyle.
- Capacity Building Program on “Introduction to Value Education” was conducted from 18.11.2025 to 02.12.2025 to encourage the development of positive values such as honesty, respect, empathy, and integrity for personal and social well-being.
- Capacity Building Program on “Introduction to Indian Knowledge Systems” was conducted from 17.11.2025 to 01.12.2025 to help participants to enhance the fundamental concepts of the Indian Knowledge Systems and their contributions to science, technology, philosophy, and culture.
- Professional Development Programmes (PDPs) were organized for both Teaching and Non-Teaching Staff to enhance their professional competencies, skills, and overall effectiveness.
 - For Teaching Staff, the programmes focused on innovative teaching-learning practices, ICT and AI tools, research and development, Outcome-Based Education, NEP 2020, communication skills, and emerging technologies.

- For Non-Teaching Staff, the programmes focused on administrative efficiency, digital tools, financial management, workplace skills, communication, sustainability, and effective office practices.
- These initiatives supported continuous capacity building, professional growth, and improvement in institutional performance.

Agenda.06: IQAC Action plan for the 2026-27 Odd semester

The IQAC action plan for the odd Semester of the 2026-27 Academic Year was presented in the meeting, outlining key initiatives to enhance academic quality, research, student development, and institutional progress and invite suggestions from the external members.

Comments and suggestions given by IQAC Members

Dr. N. Alagumurthi, Professor, Department of Mechanical Engineering, Puducherry Technological University

- Dr. N. Alagumurthi, Professor, Department of Mechanical Engineering, Puducherry Technological University, appreciated the efforts taken by the departments towards achieving NBA Accreditation.
- He also appreciated the efforts taken by the IQAC in systematically collecting, consolidating, and presenting the various data and activities for the Academic Year 2025–26.
- He appreciated the efforts of the IQAC in releasing the IQAC Dossier (Monthly Report of IQAC activities) and IQAC Day celebration.
- Dr. N. Alagumurthi recommended that the Heads of all Departments may present their respective departmental achievements, initiatives, outcomes, best practices, and areas for improvement in the next IQAC meeting.
- He also suggested that departmental targets may be fixed with a focus on quality and measurable outcomes, in addition to quantitative.
- Departments were encouraged to adopt and implement the 5D Education Model to provide broader and integrated learning experiences for students. The model includes:
 - Interdisciplinary Learning
 - Intra-disciplinary Learning
 - Multidisciplinary Learning
 - Core Domain Knowledge
 - Transdisciplinary Learning
- He also suggested that students should be actively involved in documenting and presenting the various departmental activities, thereby enhancing their participation, presentation skills and sense of responsibility.
- He suggested to include comprehensive details of research publications along with citations, Impact Factor, H-index and other measurable research outcomes during the presentation of R&D outcomes.

- The Institute should encourage the faculty members to apply for ANRF funding schemes.
- He appreciated the efforts taken by the placement cell. The highest salary package of ₹10,00,000, while noting that it was secured by only one student. He suggested to increase the number of students securing higher salary packages through focused placement training and industry-oriented skill development.
- He recommended to strengthen/ promote the institutional flagship initiatives under the **"Champion Concept"** by introducing Champion Awards for students to acknowledge their outstanding participation/ achievements/ leadership, and contributions in Field Activities, Digital Initiatives, Green Initiatives, Sports, and Cultural Activities.

Mr. E. Mano Sundar, Director Operations, eSales Software Solutions, Puducherry

He appreciated the implementation of interdisciplinary and multidisciplinary projects and suggested extending the application of Artificial Intelligence (AI) beyond CSE to core areas of Mechanical /Electrical and to all departments, wherever applicable, to promote interdisciplinary innovation and technology integration.

Mr. Vishwanathan, Chief Executive, K Foods, Cuddalore.

- He appreciated the efforts taken to conduct Micro Teaching sessions for faculty members and appreciated the initiative for enhancing effectiveness of teaching and pedagogical skills.
- He also appreciated the Puvikappom initiative for its contribution towards environmental sustainability and Sustainable Development Goals (SDGs), particularly in promoting environmental awareness, responsible resource utilization, community engagement, and sustainable practices among students.
- He also appreciated the implementation of Mind Mapping activities as an innovative and effective teaching–learning practice.

Mr.Praveen Narayanasamy, Data Engineer, Nielsoniq, Chennai

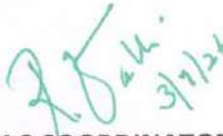
- Recommended strengthening curricular enrichment activities with a focus on Artificial Intelligence (AI), Generative AI, Microsoft Azure, and other emerging technologies.
- Encouraged stronger student–industry interaction through panel discussions, industry expert sessions, guest lectures, and technology-oriented programmes.

Mr.M.Arun kumar, Senior Manager-HR, Whirlpool of India limited, Puducherry

- He suggested the departments to define **specific, measurable outcomes and impact indicators** for every event, programme, workshop, and activity conducted.
- He also suggested to strengthen the Industry–Institute Interaction through MoUs, industry-sponsored projects, internships, guest lectures, consultancy, and joint training programmes and ensure that such partnerships result in tangible academic and industrial benefits.

Mr. M.Velmurugan, Batch: 2013-2017(ECE)

- He suggested permitting students to undertake internships/industrial training programmes for a minimum duration of one month, as this duration is generally preferred by industries. He further recommended making Internship/IPT mandatory for all students to provide meaningful industrial exposure and practical learning.
- Students were also encouraged to prepare technical reports and present their learning outcomes after completing their internships and industrial training, highlighting the skills and knowledge acquired.


IQAC COORDINATOR

Copy to:

- ❖ All Deans
- ❖ HoDs of all departments
- ❖ IQAC members
- ❖ NAAC Criteria i/c's
- ❖ Office




IQAC CHAIR

PRINCIPAL
MANAKULA VINAYAGAR
INSTITUTE OF TECHNOLOGY
KALITHEERTHALKUPPAM
PUDUCHERRY-605 107