



natpac
KSCSTE - NATPAC

Mobility
NEWS LETTER



Volume III, Issue 2

Quarterly Newsletter of NATPAC KSCSTE-National Transportation Planning and Research Centre

April-June 2025

Director's Message



Greetings from NATPAC...

The major activities of NATPAC during the period April - June 2025 are presented in this Newsletter. During this period under report four research papers in scientific journals and six conference proceedings have been published by NATPAC.

NATPAC organised a webinar on 'Our Power, Our Planet: Innovations in EV Charging and Clean Mobility' in association with IEEE Young Professionals Estonia on 29th April 2025 as part of Earth Day 2025.

NATPAC has been approved as a network institute under the Indian Institute of Remote Sensing (IIRS) Outreach Programme. The name of NATPAC is now included in the online application form as a nodal centre for IIRS courses.

As the Director of NATPAC, I thank all the scientific, technical and administrative staff of NATPAC for their wholehearted cooperation for taking NATPAC to greater heights.

With Best Wishes

Prof. K.P. Sudheer

Director (i/c), KSCSTE-NATPAC

Webinar on Our Power, Our Planet: Innovations in EV Charging and Clean Mobility

As part of the Earth Day 2025, KSCSTE-National Transportation Planning and Research Centre (NATPAC) organised a webinar on 'Our Power, Our Planet: Innovations in EV Charging and Clean Mobility' in association with IEEE Young Professionals Estonia on 29th April 2025. The webinar explored cutting-edge advancements in electric vehicle (EV) technologies, including wireless charging, partial power converters, fuel cells, and megawatt power charging systems. The webinar helped to disseminate knowledge on innovative and energy-efficient solutions to engineers and researchers emphasizing the need for integrating technological progress for a greener and resilient future.

Training /Invited Expert Talk attended

- Introduction to SPADE, India's first indigenously developed satellite data aggregation platform that enables access to diverse Earth Observation datasets from multiple sensors, through a unified interface by Space Analytics Company – SUHORA, 7th May 2025.
- Two-day workshop on Civil 3D software, 20 -21st May 2025.
- TransTech Talk Series*

NATPAC is conducting a technical talk series entitled “TransTech Talk Series” focusing on various aspects of Transportation sector where prominent experts share their experiences and latest research trends in the field.

Series No.	Resource Person	Topic	Date
27	Dr. Joseph Praful Tomy, Hydrodynamics Research Engineer in the Propeller Design Department at MAN Energy Solutions, Copenhagen, Denmark	Underwater Radiated Noise due to Maritime Transportation	28.04.2025
28	Dr. Ankit R. Patel, University of Minho, Portugal	Trade-offs in Autonomous Vehicles	09.05.2025
29	Professor Muhammad Hadi, University of Wollongong, Australia	Use of Geogrids in Concrete Pavements	13.06.2025

- TransPedia Research Talk Series*

TransPedia is a distinctive endeavour from NATPAC, envisioned to promote research for shared benefits, by disseminating knowledge on diverse topics from cutting-edge technologies to sustainable solutions. This also brings out a platform for young researchers across the globe to connect and interact to better shape the future of research and development in transportation.

Series No.	Resource Person	Topic	Date
21	Dr. Ashith Marath, Research Engineer, Turner-Fairbank Highway Research Center (FHWA), Soil and Land Use Technology Inc.	Framework and Components of Mechanistic-Empirical Pavement Design Methodology	30.04.2025
22	Dr. Bhavya Padmanabhan, Postdoctoral researcher, National Renewable Energy Laboratory	Assessment and Developmental Collaboration Framework for Less-than-truckload carriers	28.05.2025
23	Dr. Bijul Raveendran, Former Research Scientist, Department of Civil Engineering, IIT Bombay	Counting Down to Safety: Evaluating Countdown Timers at Intersections	25.06.2025

Participation in Workshops, Seminars / Conferences and other Training Programmes

Seminars/Conferences

Name of Programme	Organised by	Date (s)	Venue	Participants
Professional Connect Kerala-2025	Kerala State Council for Science, Technology & Environment (KSCSTE)	17.05.2025	Kerala Legislative Assembly Complex, Thiruvananthapuram	Scientific Staff of NATPAC
Sixth International Conference on Structural Engineering and Construction Management (SECON'25)	Federal Institute of Science and Technology	04.06.2025 – 06.06.2025	Federal Institute of Science and Technology	Dr. Shaheem S Dr. Praveen P S
World Environment Day 2025- State-level program	KSCSTE, in collaboration with KSCSTE-MBGIPS, Devagiri St. Joseph's College, KSCSTE-CWRDM, and EIACP-PC Hub	05.06.2025	St. Joseph's College, Calicut	Shri. Shijith P P Dr. Goutham Sarang
1 st World Symposium on Sustainable Transport & Livability (WSSTL-2025)	Department of Civil Engineering, Indian Institute of Science (IISc), Bangalore	25.06.2025- 27.06.2025	JN Tata Auditorium, IISc	Dr. Shaheem S Shri. B Anish Kini Dr. Rameesha T V

Training Programmes

Name of Programme	Organised by	Date (s)	Venue	Participants
Geospatial Technology and Modelling for Urban Environment	Indian Institute of Remote Sensing (IIRS), ISRO	26.05.2025 – 30.05.2025	Online	Shri. Sanjay Kumar V S Dr. Vasudevan N Dr. Rameesha T V Smt. Ardra S Krishna
ENVI-met for Urban Climate Resilience	Centre of Excellence in Urban Planning & Design, Department of Architecture, NIT Calicut	09.06.2025 – 13.06.2025	NIT Calicut	Shri. Tinku Casper D'Silva

Workshops				
Name of Programme	Organised by	Date (s)	Venue	Participants
8 th Space Application Adoption Workshop (SAAW) in Kerala	Indian National Space Promotion and Authorization Center (IN-SPACE) in association with Kerala State IT Mission	25.04.2025 – 26.04.2025	Muscat Hotel, Trivandrum	Shri. M S Saran Dr. Salini U Shri. B Anish Kini Dr. Rameesha T V
Tracking the Monsoon: Kerala Outlook 2025	ICCS-Kottayam	08.05.2025	Hotel Dimora, Thiruvananthapuram	Dr. Rameesha T V
Technical assistance for Enhancing Climate Resilience of Kerala's Road Network – Vulnerability Assessment Study	KSTP, Lea Associates	22.05.2025	Hotel Dimora, Thiruvananthapuram	Dr. Shaheem S Dr. Salini U Shri. Ashik K Azad
District-level brainstorming workshop	SC & ST Cell, KSCSTE	22.05.2025	District Panchayat Auditorium, Painavu, Idukki	Shri. B Anish Kini Smt. Ardra S. Krishna
Workshop on Phase - 2 Integration of the SDG Dashboard	Programme Implementation Evaluation & Monitoring Department, Government of Kerala	28.05.2025	SP Grand Days, Thiruvananthapuram	Shri. Ebin Sam. S
Susthira Keralam Workshop - SIF indicator fixation for the new version of the State Indicator Framework (SIF 2.0)	Programme Implementation Evaluation & Monitoring Department, Government of Kerala	29.05.2025	SP Grand Days, Thiruvananthapuram	Shri. M S Saran Shri. Ebin Sam S
Webinars				
Name of Programme	Organised by	Date (s)	Venue	Participants
Green Roads Series - Leveraging Satellite Data for Resilient and Climate-Friendly Infrastructure	Asian Development Bank	03.04.2025	Online	Dr. Anila Cyril

Imaging in Pavement Engineering at Various Scales	IIT Kanpur	04.04.2025	Online	Shri. Wilson K C Shri. A. Jegan Bharath Kumar Dr. Salini U
From Crash Tests to Driving Behaviour: Gender -Specific Challenges in Transport Safety and Security with Insights from Germany	Centre of Excellence in Transportation Engineering, NITT in association with Eastern Asia Society for Transportation studies, IRG 52-2024	09.04.2025	Online	Shri. Wilson K C
Geoenvironmental Engineering	University of Illinois, Chicago	10.04.2025	Online	Dr. Salini U
EASTS IRG 52-2024	Center of Excellence in Transportation Engineering at NIT Tiruchirappalli in association with Eastern Asia Society for Transportation Studies, International Research Group IRG 52-2024	22.04.2025	Online	Smt. Ardra S. Krishna
Flowing Forward - Youth for Sustainable River Transport by Faculty of Transport and Traffic Engineering, University of Belgrade	Faculty of Transport and Traffic Engineering, University of Belgrade, within the DanURELY – WS	14.05.2025	Online	Dr. Anila Cyril
Charging Kerala Forward: A Webinar Series on Building an EV-Ready Grid	WRI India in collaboration with Kerala State Electricity Board Limited (KSEB)	14.05.2025	Online	Shri. Ebin Sam S Dr. Anila Cyril
Navigate the World of Scientific Article Writing: From Manuscript Structure to Publication	Springer Nature	15.05.2025	Online	Shri. Ebin Sam S Shri. A. Jegan Bharath Kumar Shri. R Chandra prathap
Transform to Unified SASE	Fortinet	20.05.2025	Online	Dr. Sanjai R J

DRAINTUBE™ - An Innovative Drainage Solution	Geoquest India Pvt. Ltd.	22.05.2025	Online	Dr. Salini U
Identifying Segregation in Next Generation Polymer Modified Binders	Austrroads, Australia	29.05.2025	Online	Shri. A. Jegan Bharath Kumar Shri. Shijith P P
SPSS webinar on Regression analysis	SPSS South Asia, Bangalore	30.05.2025	Online	Shri. Wilson K C Shri. Shijith P P Dr. Goutham Sarang Smt. Ardra S Krishna
Capacity Augmentation & Service Life Enhancement of Bridges - Managing assets for maximizing service life and serviceability demands innovative and modern technologies	IRF-IC's 9th Webinar	13.06.2025	Online	Shri. Wilson K C Dr. Himasree P R Dr. Goutham Sarang
Webinar on An Introduction to Dimensionality Reduction and PCA using SPSS	SPSS South Asia, Bangalore	13.06.2025	Online	Smt. Ardra S Krishna
Frontline SOC Strategies	Fortinet	18.06.2025	Online	Dr. Sanjai R J
Artificial Intelligence Application in Transport Planning	MoRTH and Institute of Urban Transport (India)	24.06.2025	Online	Dr. Anila Cyril
Geotechnical investigations	Matter Lab	26.06.2025	Online	Shri. Shijith P P

Students' Training/Project Work and Thesis

Details of guidance provided by the Scientific Divisions to students from various National Institutes and reputed Professional Colleges during this period are given below:

M.Tech/M.Plan/M.Sc.

Sl No.	Name of the Institution	Course	Guide	No. of Students	Topic
1	Mar Ivanios College, Thiruvananthapuram	M. Sc (Statistics)	Shri. Sanjay Kumar V S	1	Development of a Data Driven, Dynamic Framework for Pedestrian Risk Assessment
2	College of Engineering Guindy, Anna University	M.E TE	Shri. Wilson K C	1	Study on rutting and moisture susceptibility of different bituminous Mixes
3	Jyothi Engineering College, Thrissur	M.Tech	Smt. P N Salini	1	Speed Characteristics and Speed Prediction Modelling of Different Vehicle Types on Two Lane Highways
4	Amrita School of Engineering, Amrita Vishwa Vidyapeetham University, Coimbatore, Tamil Nadu	M.Tech	Shri. A Jegan Bharath Kumar	1	Evaluation of RAP as an aggregate for PQC in rigid pavement
5	College of Engineering Guindy, Anna University	M.E TE	Dr. Salini U	1	Performance and comparison of field and laboratory permeabilities of bituminous mixes
6	TKM College of Engineering, Kollam	M.Tech	Shri. B. Anish Kini	1	Feasibility of New Water Transit in Ashtamudi Lake
7	VTM NSS College, Dhanuvachapuram	M.A Economics	Dr. Sunitha Vijayan	1	Willingness to Pay for Reduction in Fatal Road Traffic Accident Risk: A Contingent Valuation Approach Comparing Accident and Non-Accident Groups
8	VTM NSS College, Dhanuvachapuram	M.A Economics		1	Assessing the Economic Burden of Road Traffic Injuries in Thiruvananthapuram District: A Cost of Illness Approach

Sl No.	Name of the Institution	Course	Guide	No. of Students	Topic
9	University of Kerala	M. Sc.	Shri. Tinku Casper D'Silva	1	A Study on assessing the PM2.5 pollution and heat index dynamics in a suburban and urban location in Thiruvananthapuram using a two-year data-driven approach
10	TKM College of Engineering, Kollam	M.Tech	Smt. Ardra S. Krishna	1	Inclusive two-wheeler lanes in mixed traffic systems: A VISSIM- based approach
11		M.Tech		1	Proactive safety evaluation of unsignalized intersection using predictive safety indicators

B.Tech

Sl No.	Name of the Institution	Course	Guide	No. of Students	Topic
1	Trinity College of Engineering Thiruvananthapuram	B.Tech	Shri. R Chandra prathap	4	Strategic Enhancement of Junction Safety and Traffic Flow: Nellimoodu-Kanjirankulam M.D. Road and NH66 Intersection
2	Cochin University of Science and Technology	B.Tech	Shri. B. Anish Kini	6	Development of Traffic Management Measures for Kakkanad Junction, Kochi
3	Cochin University of Science and Technology	B.Tech	Ardra S. Krishna	6	Operational Assessment of a road with dedicated Two-wheeler lanes

M.Tech/M.Sc (Internship)

Name of the Institution	No. of Students
National Institute of Technology Tiruchirappalli	4
National Institute of Technology Calicut	2
Rajiv Gandhi Institute of Technology, Kottayam	1

Name of the Institution	No. of Students
Mar Ivanios College, Thiruvananthapuram	1
TKM College of Engineering, Kollam	1
Central University of Haryana	2

B.Tech (Internship)

Name of the Institution	No. of Students
National Institute of Technology Puducherry	2
School of Planning and Architecture, Delhi	1
Central University of Haryana	1
Shri Vishnu Engineering College for women, Andhra Pradesh	3
Jyothi College of Engineering, Thrissur	1

Name of the Institution	No. of Students
Mar Athanasius College of Engineering Kothamangalam	2
Rajiv Gandhi Institute of Technology, Kottayam	1
Stella Mary's College of Engineering, Kanyakumari	3
College of Engineering, Trivandrum	1
SSN College of Engineering, Chennai	1
Vellore Institute of Technology, Vellore	4

Publications and Presentations

Papers Published in Referred Journals

- i. Vinod Kumar Adigopula, **A. Jegan Bharath Kumar**. (2025). "Investigating the effect of overloaded vehicles on asphalt pavement: a case study in India". *Discover Civil Engineering*, 106. <https://doi.org/10.1007/s44290-025-00263-3>.
- ii. **Chandra Prathap, R.**, Velayudhan, S., & Mathew, S. (2025). "Impact of overloaded axles on the pavement service life: A case study of a two-lane national highway". *International Journal of Pavement Engineering*, 26(1). <https://doi.org/10.1080/10298436.2025.2490222>.
- iii. Paul, M.M., Varma, M. & **Salini, U.** (2025). "Assessing Slope Stability and Rainfall Impact: Case Study of Kormala, Muvattupuzha in the Western Ghats of Kerala, India". *Indian Geotech Journal*. <https://doi.org/10.1007/s40098-025-01245-z>.
- iv. **D'Silva, T. C.**, Horváth-Gönczi, N. N., Ribár, O., Khan, S. A., Chandra, R., Vijay, V. K., & Semple, K.

T. (2025). "Effect of supplementing commercially available and locally prepared carbon materials in anaerobic digestion: focusing on enhanced performance and potential mechanisms". *Energy, Ecology and Environment*, 1-31. <https://doi.org/10.1007/s40974-025-00362-y>.

Conference Proceedings

- i. **P.N. Salini**, Sreelakshmi P. V., R. Ashalatha, Binu Sara Mathew. (2025). Modelling Lateral Placement and Lateral Clearance during Passing Manoeuvres, *Transportation Research Procedia*, Volume 82, Pages 233-250, ISSN 23521465, <https://doi.org/10.1016/j.trpro.2024.12.040>. (<https://www.sciencedirect.com/science/article/pii/S2352146524003387>). (Scopus Indexed).
- ii. **P.N. Salini**, Rajendran, K., Archana, S., Archa, S. (2025). Modeling the Potential Shift to Sustainable Modes and the Resultant Reduction in Carbon Emission. In: Sahu, P.K., Agarwal, A., Kathuria, A., Velaga, N.R. (eds). *Proceedings of the 7th International Conference of Transportation*

Research Group of India (CTRG 2023), Volume 3. CTRG 2023. *Lecture Notes in Civil Engineering*, vol 422. Springer, Singapore. https://doi.org/10.1007/978-981-97-9943-5_3.

- iii. Faizy, A., Ashalatha, R., Shanoop, P., **Chandran, A., P.N. Salini.** (2025). Road Safety Evaluation of Stretches Along Safe Corridor Demonstration Project in Kerala, India. In: Veeraragavan, A., Mathew, S., Ramakrishnan, P., Madhavan, H. (eds). Cognizant Transportation Systems: Challenges and Opportunities. IMPACTS 2023. *Lecture Notes in Civil Engineering*, vol 263. Springer, Singapore. https://doi.org/10.1007/978-981-97-7300-8_11.
- iv. **Chandran, A., Anish Kini, B.,** Goutham, M.N., Sanjana, N., Muhammed, A.J. (2025). Evaluating Traffic Demand for the Proposed Coastal Highway in Kerala. In: Veeraragavan, A., Mathew, S., Ramakrishnan, P., Madhavan, H. (eds) Cognizant Transportation Systems: Challenges and Opportunities. IMPACTS 2023. *Lecture Notes in Civil Engineering*, vol 263. Springer, Singapore. https://doi.org/10.1007/978-981-97-7300-8_35
- v. Thomas, S., **Salini, U.,** Cyrus, S. (2025). Stabilization of Marine Clay by Lime Precipitation Method. In: Dixit, M.S., Jaiswal, S.S., Satyam, N., Singh, A.P., Maji, V.B. (eds). Proceedings of the Indian Geotechnical Conference (IGC 2024), Volume 1. IGC 2024. *Lecture Notes in Civil Engineering*, vol 626. Springer, Singapore. https://doi.org/10.1007/978-981-96-2444-7_35.
- vi. **Shijith, P. P., Ashik K Azad,** Abhishek, V. K., Sneha, N., Revathi, A. K, Swathi A., Priyanka, T. A. Case Study on the Performance of Cold In-Place Recycled Pavement in Kerala. In: Srinivasan, V., Jain, U., Anjaneyulu, M.V.L.R., Parida, M. (eds). Recent Advancements in Sustainable and Safe Transportation Infrastructure - Vol. 1. CTSEM 2024. *Lecture Notes in Civil Engineering*, vol 621. Springer, Singapore, pp 393–404. https://doi.org/10.1007/978-981-96-1984-9_32.
- vii. **Sarang, G.,** Shameena, S., Kumar, S., Shankar, S., Kothandaraman, S. (2025). Laboratory Investigation on the Effects of Randomly Distributed Palmyra Fibers in Subgrade Soil. In: Srinivasan, V., Jain, U., Anjaneyulu, M.V.L.R., Parida, M. (eds). Recent Advancements in Sustainable and Safe Transportation Infrastructure - Vol. 1. CTSEM 2024. *Lecture Notes in Civil Engineering*, vol 621. Springer, Singapore, pp 185–195. https://doi.org/10.1007/978-981-96-1984-9_15.

Publications/Presentation of Papers in Seminars/Workshops

Sl No.	Author(s)	Paper Details	Date
1	Ashik K Azad, Devika K P	"Assessment of Pavement Condition of Low Volume Flexible Roads Constructed with Emerging technologies: A comparative study of ASTM and IRC approaches. Advancing Sustainability in Civil Engineering Practices (ASCP).	02.05.2025 – 03.05.2025
2	Shaheem S, Praveen P S, Abhiram M P	"Strategies for Design Improvement of Uncontrolled Intersections for Enhancing Safety and Efficiency. Structural Engineering and Construction Management (SECON), Federal Institute of Science and Technology (FISAT).	04.06.2025 – 06.06.2025

3	Rahul Raj Singh, Goutham Sarang	<i>"Stabilization of Subgrade Soil Using Sugarcane Fiber"</i> . International Airfield and Highway Pavements Conference 2025, Arizona, USA.	08.06.2025- 11.06.2025
4	Shaheem S, Sahjeeha Salim	<i>"Development of Parking Policies for Metropolitan Cities of Kerala"</i> . International Conference on Transportation Systems Engineering & Management (CTSEM 2025).	04.07.2025 – 05.07.2025

Invited Talks/Media Interactions by Scientists

Invited Talk

Sl. No.	Name& designation of staff	Topic/Particulars	Event/Venue	Date
1	Shri. Sanjay Kumar V S, Principal Scientist	<i>Children and Road Safety</i>	Summer Vacation Classes for high school students organised by the Institution of Engineers (India), Kerala State Centre, Thiruvananthapuram	23.04.2025
2		<i>The Role of the Transportation Sector in the Development of Thiruvananthapuram</i>	Golden Jubilee Celebrations of Janmabhumi newspaper themed 'Vaibhava Bharatham, Vikasita Keralam, Vision Ananthapuri'	11.05.2025
3	Dr. Salini U, Scientist	<i>Slope failure</i>	Industry-Academia Interaction, Saintgits College	12.04.2025
4	Shri. B.Anish Kini, Scientist	<i>Two-day workshop on Traffic Modelling using VISSIM</i>	Department of Civil Engineering, Mar Baselios College of Engineering and Technology, Trivandrum	05 – 06.05.2025
5	Dr. Vasudevan N, Junior Scientist	<i>Basic Principles of Road Safety</i>	Government Higher Secondary School, Karupadanna, Thrissur	10.06.2025
6	Dr. Sunitha Vijayan, Junior Scientist	<i>Economic Analysis of Nursery Business and Government Schemes for the Nursery Business</i>	KSCSTE – Malabar Botanical Garden and Institute for Plant Sciences	31.05.2025

Nominations to Technical committees/Advisory Bodies/ Membership of Professional Institutions

Shri. B Anish Kini

- Member of TED-28 Sectional Committee of Bureau of Indian Standards (BIS) dealing with Intelligent Transport Systems
- Member of G-7 Committee of Indian Roads Congress (IRC) dealing with Intelligent Transport Systems (2025-27)
- Life Member - Transportation Research Group (TRG) of India
- eLife Member - Indian Roads Congress

Dr. Anila Cyril

- eLife Member – Indian Roads Congress
- Member of Industry Academia Panel – KIT's College of Engineering (Autonomous), Kolhapur

Dr. Sunitha Vijayan

- Life Membership, the Indian Econometrics Society (TIES)

Paper Reviews

Shri. Jegan Bharath Kumar, Scientist

- Reviewed 1 manuscript in the International Journal of Pavement Research and Technology
- Reviewed 2 manuscripts in Construction and Building Materials

Shri. R Chandraprathap, Scientist

- Reviewed 1 manuscript for CTRG-2025.

Shri. B Anish Kini, Scientist

- Reviewed a paper titled "Profiling Partial Sleep Deprivation among Indian Long-Haul Truck Drivers: A pathway to enhanced Road Safety and Occupational Well-Being", for journal of The Institution of Engineers (India): Series A (IEIA).

Dr. Himasree P R, Junior Scientist

- Guest Editor for the special issue "Sustainable Construction Materials and Structures" in the journal "Progress in Engineering Science", Elsevier.

Awards/Recognitions

- **Dr. Anila Cyril**, Junior Scientist - Best Project with Social Relevance in 'Aavishkar 2025', Project Expo, organized by Federal Institute of Science and Technology (FISAT) in association with ACE and ASCE student chapter FISAT, 26th April 2025.
- NATPAC has been approved as a network institute under the Indian Institute of Remote Sensing (IIRS) Outreach Programme. The name of NATPAC is now included in the online application form as a nodal centre for IIRS courses.

Need Based Studies Initiated/Completed

- Road Safety Inspection at Anakkallumpara and Kuliramutti locations in Thiruvambady, Kozhikode District - *Completed*

- Strategies for Seamless and Safer Traffic Flow at the Main Entrance of Kannur International Airport - *Completed*

Research Proposals Submitted for External Funding

1. Submitted a proposal for Synthesis working groups titled "Hydrological Changes due to Climate Change and its Impacts on Biodiversity, Ecosystem Functioning, and Ecosystem Services in a Critical Wetland Area" for IGCN (Michigan) – JTS (Notre Dame) Joint Call for synthesis proposals with NIT Calicut, 3rd April 2025.

Technical Documents Prepared

- **Road Safety Action Plan for Kerala State (2025-2030)**, Submitted to Transport Department, Government of Kerala.

Other News

- A meeting was convened by the Hon'ble Minister for Transport, GoK on "Road Safety Action Plan for Kerala State (RSAP-K)," prepared by NATPAC on 26th June 2025. The meeting was attended by several senior officials, including the Secretary (Transport), Secretary (PWD), Road Safety Commissioner, Transport Commissioner, IG (T&RSM), Regional Officer (NHAI), Chief Engineers from PWD, and representatives from NIC, KETRON, EMC, KSEB, SCERT, the Health Department, and other key stakeholder organisations. NATPAC presented the RSAP-K during the session.



- NATPAC observed World Environment Day 2025 on June 5th at NATPAC Campus, Akkulam by planting Guava Tree by Smt. Sheeja Thankappan, Deputy Registrar.



- On the occasion of the International Day against Drug Abuse and Illicit Trafficking, NATPAC observed Anti-Drug Day on 26th June 2025.



SUPERANNUATION



Shri. M S Radhakrishnan, Technical Office Grade-IV, Superannuated on 30th May 2025

NATPAC IN NEWS...

29-05-2025



കണ്ണൂർ റോഡിൽ വാഹനങ്ങൾ

മുന്നിരട്ടി

കോഴിക്കോട് നാഗ്പാക്കി ന്റെ കണക്കുപ്രകാരം നടക്കാൻ കഴിയാതെ വെസ്റ്റ് റോഡിൽ ചുരുക്കം പലതരം ഓട്ടോറിക്ഷകൾ 1500 വാഹനങ്ങൾക്ക് കടന്നുപോകാനുള്ള ശേഷിയുള്ളതുപോലെ പക്ഷേ 6000 വാഹനങ്ങളാണ് തിരക്കുള്ള സമയങ്ങളിൽ ഓട്ടോറിക്ഷകൾക്ക് ഇതുവരെ കടന്നുപോകാൻ റോഡിന്റെ ശേഷിയുടെ മുന്നിരട്ടി വരുന്നത്. 2030 ആവുമ്പോഴേക്കും ഈ ഭാഗത്ത് വാഹനങ്ങളുടെ എണ്ണം 8390 ആയി ഉയരുമെന്നും നാഗ്പാക്ക് പറയുന്നു. പക്ഷേ റോഡിന്റെ ശേഷി അപ്പോഴും 1500 മാത്രമാണെങ്കിൽ നഗരത്തിൽ വാഹനത്തിരക്കിൽ വീർപ്പു മുട്ടുന്ന റോഡായി നടക്കാവുന്നില്ല. നിലവിൽ 21.7 കിലോമീറ്ററാണ് കണ്ണൂർ റോഡിൽ തിരക്കുള്ള സമയങ്ങളിൽ വാഹനങ്ങളുടെ ശരാശരി വേഗം. ഇതിലും കുറയുന്ന അവസ്ഥയാണുള്ളത്.



വണ്ടിപ്പട്ട അടക്കനിലുണ്ടായ ഗതാഗതക്കുരുക്ക്

കണ്ണൂർ റോഡിലേക്ക് മാന്വൽ റോഡിൽനിന്നും ഗാസ് റോഡിൽനിന്നും വയനാട് റോഡിൽനിന്നും ഒയിറ്റി റോഡിൽനിന്നും മിനി ബൈപ്പാസിലൂടെയുമെല്ലാം വാഹനങ്ങൾ പ്രവേശിക്കുന്നുണ്ട്. അതിനുപുറമെ നാലാം ഗേറ്റിലൂടെയുള്ള റെയിൽവേ ലവരേക്രാസുകളിൽനിന്നും വാഹനങ്ങളെത്തുന്നു. അതിനനുസരിച്ചുള്ള വീതി കണ്ണൂർ റോഡിലെ പലയിടത്തും റോഡിൽത്തന്നെ വാഹനപാർക്കിങ്ങുകളുണ്ട്. വീതി കുറഞ്ഞ റോഡിലുള്ള പാർക്കിങ്ങ് വലിയ ഗതാഗതപ്രശ്നമാണ് സൃഷ്ടിക്കുന്നത്.



ഇംഗ്ലീഷ് പള്ളി അക്ഷരനിലുപെടെ റോഡരികിൽ കച്ചവടവുമുണ്ട്. കണ്ണൂർ ഭാഗത്തേക്കുമാത്രമല്ല പാവങ്ങാടുവരെ ക്യൂപ്പാടി, ഉള്ളിയേരി ഭാഗങ്ങളിലേക്കുള്ള വാഹനങ്ങളും കണ്ണൂർ റോഡിനെത്തന്നെയാണ് ആശ്രയിക്കുന്നത്. കോഴിക്കോട് നഗരത്തിലെ ഏറ്റവും പഴക്കമുള്ളതും പ്രധാനപ്പെട്ടതുമായ

പാതയാണിത്. കോഴിക്കോട് ബൈപ്പാസ് വരുന്നതിനുമുമ്പ് ദേശീയപാതയായിരുന്നു. വർഷങ്ങൾക്കുമുമ്പാണ് വീതികൂട്ടൽ നടന്നത്. ഭീമ-ലഭ്യര ബസുകളുടെ എല്ലാം ഇതുവഴിയാണിത് ദേശീയ

പാത ബൈപ്പാസ് തുറന്നിട്ടും കണ്ണൂർ റോഡിലെ തിരക്കിന് വലിയ കുറവൊന്നുമില്ല. മാനായിരമുതൽ പാവങ്ങാടുവരെ ഏഴുകിലോമീറ്റർ നഗരറോഡ് വികസനപദ്ധതിയുടെ ഭാഗമായി വീതികൂട്ടണമെന്ന് പ്രഖ്യാപിച്ചിരുന്നു. 24 മീറ്ററിൽ നാലുവർണ്ണതയിലാണ് പ്രഖ്യാപിച്ചിരുന്നത്. പ്രഖ്യാപിച്ചിട്ട് നാലുവർഷം കഴിഞ്ഞെങ്കിലും തുടർനടപടികളൊന്നുമായിട്ടില്ല. മാനായിര-പാവങ്ങാട് റോഡടക്കം മൊത്തത്തിൽ 29.266 കിലോമീറ്ററിൽ എട്ട് റോഡുകളുടെ വികസനപദ്ധതി രൂപീകരിച്ച് 2021-ൽ തയ്യാറായതാണ്. സ്ഥലമെടുപ്പിനുള്ള നടപടികളിലേക്കു പോലും ഇതുവരെ എത്തിയിട്ടില്ല. അതുകൊണ്ട് എന്ന് യാഥാർത്ഥ്യമാകുമെന്ന് ഉറപ്പില്ല.



