



City of Concord, New Hampshire

Office of the Mayor

Mayor Byron O. Champlin

TO: Members of City Council

FROM: Mayor Byron O. Champlin

DATE: December 3, 2025

RE: Transportation Policy Advisory Committee

I propose the appointment of the following individual to the Transportation Policy Advisory Committee for a three-year term to expire January 31, 2029.

- Ganesh Sharma, 3 Robin Road, Concord as an At-Large Representative. Ganesh Sharma's application and resume are attached.

In accordance with Section 18 of the City Council Rules, these proposed appointments are being distributed to City Council as information in advance of formal action at the January 12, 2026 City Council Meeting.



City of Concord, New Hampshire

41 GREEN STREET

Concord, NH 03301

(603) 225-8500

APPLICATION TO SERVE ON A BOARD, COMMISSION OR COMMITTEE

All fields are required – Please note that all applicants who are appointed will be required to be sworn in

Applicant Name:	Ganesh Sharma
Street Address:	3 Robin Road, Concord, NH 03301
Mailing Address:	3 Robin Road, Concord, NH 03301
Telephone:	603 410 7816
E-mail:	ganeshdahal2009@gmail.com

Please specify the Board/Commission sought: Transportation Policy Advisory (TPAC)

Please check the field(s) in which you have the requisite training and experience:

<input type="checkbox"/> Architecture	<input checked="" type="checkbox"/> Engineering	<input type="checkbox"/> Other _____
<input type="checkbox"/> Land Use	<input type="checkbox"/> Law	<input type="checkbox"/> Construction <input type="checkbox"/> Mechanical <input type="checkbox"/> Plumbing <input type="checkbox"/> Electrical

Occupation or Place of Employment:	Principal Engineer BAE systems Inc.
Employer and Employment Address:	BAE Systems Inc. 3000 Goffs Falls Rd. Manchester NH
Employment Telephone:	603 506 0310
May you be contacted at work?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Education:	BS in Mechanical Engineering, MS in Engineering University of Vermont, Western New England University
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Community Experience and Affiliations (both Concord and elsewhere):
AAPI Mentor (2017-2023)
Language Bank Interpreter (2016-2018)

How long have you resided in Concord or the Concord area?	16 years
In Accordance with RSA 91:2, in order to serve on a board, commission, or committee, you must be a citizen of the United States. Are you a Citizen?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Why would you like to serve in this capacity? Include experience or expertise relevant to board or committee for which you are applying.

This city gave me and my family a new home and beginning ~~for~~ when we arrived as refugees in 2009. Concord helped me shape my career, education, and my values. As Principal Engineer, I bring strong analytical and problem solving skills focused in safety of Concord residents.

Have you served on any Municipal or Non-Profit Boards or Committees in the past? Which ones and when?

I have served in the board of Be the Change club at Concord High School in 2013.

Have you contacted the Chair of the Board/Committee to learn about the Board's mission/duties and the expectations of its members (with regard to attendance, time commitment, training, etc.)?



Yes



No

I have discussed these topics with Mayor.

Have you attended any meetings of the Board/Committee on which you want to serve?

Yes

☒ No

Can you commit to attend 75% of meetings?

☒ Yes

☐ No

Please provide a brief biography? Attach resume, if desired.

I am a Principal Engineer at BAE Systems and proud resident of Concord who immigrated to the US in 2009. A graduate of CHS and Gates Scholar, I have dedicated my career to engineering excellence and community service.

Do you have any personal or business relationships with the City or any City officials or employees that could create a conflict of interest while serving on the requested Board or Commission? A conflict of interest is defined by Article 1-6-3 of the City Code of Ethics. If yes, please provide details on the relationship(s).

No conflict of interest

If you do not receive the appointment you are requesting, would you be interested in serving on another Board or Committee?



Yes

☐ No

BY SUBMITTING THIS APPLICATION, YOU UNDERSTAND THAT:

1. All members of City Boards/Committees are subject to the City's Code of Conduct;
2. This application is for consideration and does not mean you will necessarily be appointed to this board or committee;
3. You may be contacted to follow-up on any questions pertaining to the application; and
4. This application may be forwarded to the City Council for consideration at the Mayor's and/or City Manager's discretion;
5. All board members are required to be sworn in before they can participate or vote in any meetings;
6. At the end of your term, if you would like to be re-appointed you will be required to submit a new application and be sworn in;
7. This application becomes public record upon submission.


Applicant Signature

11/21/2025
Date

Ganesh Sharma

Concord, NH | Email: ganeshdahal2009@gmail.com | Cell – (603) 410-7816

SUMMARY:

Skilled systems engineer with a passion for innovation and technology. Diverse collegiate education and industrial experience with an emphasis on engineering modeling, design, and testing. Constantly expanding knowledge of engineering disciplines and processes with process efficiency in mind. Self-motivated and unafraid to ask questions or learn independently to reach goals.

EDUCATION & AWARDS

Western New England University, Springfield, MA (August 2018 – July 2020)

Master of Science in Mechanical Engineering

- Thesis: Analysis of Flow Across Vibrating Piezoelectric Fan blades
- Courses: Composite Design, FEA, Optimization, Energy Systems, Advanced Mechatronics, and Fuel Cells
- GPA 3.9/4.0

University of Vermont, Burlington, VT (August 2013-May 2017)

Bachelor of Science in Mechanical Engineering

- Award: Bill & Melinda Gates Foundation Scholarship
- Relevant Coursework: Control Theory, Failure Analysis, Thermodynamics, ABAQUS/CAE FEA, Arduino, Thermo-Fluid, Heat Transfer, Machine Components Analysis, Compressible Flow, System Dynamics, Circuit Theory, MATLAB, and Mechanics of Materials

TECHNICAL SKILLS

Tools & Software: Atlassian Jira, DOORS, Subversion (SVN), Intuitive ERP, Microsoft Office Suite, AutoCAD, MATLAB, Simulink, Python, LaTeX, LT Spice, Gantt Chart

Machinery: Basic shop hand tools, band saw, drill press, and lathe

RELEVANT EXPERIENCES

Principal Systems Engineer – BAE Systems (November 2021 – Present)

- Focused on delivering innovative Electronic Warfare solutions through the lifecycle of system development which includes requirements development, design analysis, and integration & test
- Presented/reviewed operational concepts, preliminary designs, critical designs and verification procedures with customers
- Developed systems, software, component, subsystem requirements

Systems Engineer II – Raytheon Missiles and Defense (August 2020 – October 2021)

- Utilize DOORS to capture verification artifacts and maintain traceability to requirements
- Prepare plans, procedures, and test cases
- Perform manual, regression, functional testing when needed in AGILE environment
- Complete and compile detailed performance analysis, including the use of tools such as MATLAB

Aerospace Systems Engineer – Belcan Engineering Group, Windsor, CT (March 2019 – April 2020)

- Worked in development of Full Authority Digital Engine Control (FADEC) embedded control systems for Pratt & Whitney Geared Turbofan Engines
- Supported the development of the Control Systems for the PW1000G Next Generation Geared Turbofan Engine, part of the Pratt & Whitney Next Generation Product Family of engines
- Generated reports on the Validation and Verification status of product requirements
- Worked in conjunction with P&W Integrated Product Teams to resolve issues preventing Validation and Verification

Ganesh Sharma

Concord, NH | Email: ganeshdahal2009@gmail.com | Cell – (603) 410-7816

Manufacturing Engineer – United Flexible, Laconia, NH (October 2017 - September 2018)

- Accurately interpreted aerospace manufacturing drawings, blueprints, specifications, and engineering requirements
- Provided estimates and quotes to project managers and work with engineering team collaboratively to develop products and processes that are production viable
- Developed process improvements, i.e. scrap reduction, throughput improvements
- Enhanced products and processes by applying lean manufacturing principles and techniques
- Developed work instructions in compliance with AS9100 REV D Quality Management Systems and NADCAP
- Drafted quality reports and rework orders on parts rejected by customers

PROFESSIONAL AFFILIATIONS

APIASF: Asian & Pacific Islander American Scholarship Fund (April 2013 – Present)

- Attended a Higher Education Leadership Summit in Washington, DC representing Gates Millennium Scholar Program

GMSP: Gates Millennium Scholars Program (April 2013 – Present)

- Assisted high school students throughout the country to look for scholarships and financial support to pursue higher education

VOLUNTEER ACTIVITIES

- Peer note taker for UVM ACCESS
- Raised over \$2,000 within Burlington, VT community to support 2015 earthquake victims in Nepal
- Organized an event with Walgreens to provide free flu-shot for low income families in New Hampshire
- Worked with UNHCR to provide free HIV testing for refugees in Nepal

SKILLS & INTERESTS

Language: Fluent in Nepali and Hindi

Other Interests: Low light photography and backpacking