

Curriculum Vitae

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Mansurbek Normatov, PhD

Education

- Sep 2014 – Jul 2018* **Bachelor Degree**
Urganch State University, Department of Transport systems,
Khorazm, Uzbekistan
- Sep 2018 – Jul 2020* **Master Degree**
Tashkent State technical University,
Tashkent, Uzbekistan
- Sep 2023 – Jul 2025* **PhD Degree** Institute of mechanics and seismic stability of structures named after
M.T.Urazbaev academy sciences of republic of Uzbekistan

Thesis

Theme od PhD dissertation Justification of the parameters of an effective centrifugal fan of pneumatic transport system of cotton picking machine

Work Experience

- 2014–2018 — Student at Urgench State University.
- 2018–2020 — Master’s student at Tashkent State Technical University.
- 2020–2021 — Assistant at Tashkent State Technical University.
- 2021 — Junior Researcher at Institute of Mechanics and Seismic Stability of Structures.
- 2022 — Research Intern at the Institute of Mechanics and Seismic Stability of Structures.
- 2023–2025 — Doctoral Researcher (PhD Candidate) at the Institute of Mechanics and Seismic Stability of Structures.

2026–present — Lecturer at Urgench State University named after Abu Rayhan Beruni.

Publication Highlights

Journal Publications

1. Норматов М.К. Сравнительный анализ энергоемкости пневмотранспортных систем хлопкоуборочных машин// Проблемы механики. – Ташкент, 2024. – № 2. – С. 51-59. (05.00.00; №6).

2. Кулдашев Д.А., Норматов М.К., Хунаров А.А. Разработка эффективной конструкции центробежного вентилятора хлопкоуборочных машин// Проблемы механики. Ташкент, 2024. – № 1. – С. 40-46. (05.00.00; №6).

3. Rizayev A.A., Xudaykuliyeu R.R., Qo‘ldoshev D.A., Normatov M.Q., Ganjayeu Sh.A., Xunarov A.A. Paxta terish mashinalari havo transport tizimini tadqiq qilish stendi ishlanmasi// Ilmiy-texnika jurnali. – Farg‘ona, 2024. –№3.– B.32-37. (05.00.00; №20).

4. Normatov M.K. Results of field tests of a cotton picking machine equipped with an updated air transport system// Journal of agriculture and horticulture International scientific journal. Volume 5, Issue 01, 2025. – pp. 64-70. (ResearchBib №14).

5. Normatov M.K. Theoretical calculation of an efficient fan with a side inlet in the shape of an air transport system// Innovative: International Multi-disciplinary Journal of Applied Technology. Volume 03 Issue 5, 2025. – pp. 68-73. (CROSSREF №35, ResearchBib №14).

6. Rizaev A.A., Normatov M.K., Ganjaev Sh.A., Nishanaliyev Sh., Khakimov M.A., and Turdibekov A.R. On the quality of the harvested cotton and the energy efficiency of the air transport system of the cotton-picking machines// AGRITECH-VIII 2023 E3S Web of Conferences 390, 06044 (2023). – 5 p.

7. Rizaev A.A., Normatov M.K., Ganjaev Sh.A., Khunarov A.A. Versatile, energy-efficient design air transport systems of cotton picking machines// Rakhmatulin’s reading. AIP Conf. Proc.31 19, 060007 (2024). – 7 p.

8. Rizaev A.A., Normatov M.K., Mirzayev O.T. Identification of required power for air transport system of cotton picking machine MX-2.4// AEGIS-IV-2024 IOP Conf. Series: Earth and Environmental Science 1390 012004 (2024). – 6 p.

9. Khudaykuliev R.R., Normatov M.K., Boltaev A.Sh., Kadirov I.R. A bibliographical analysis of papers of cotton-picking machinery for the period 1972-2023 on scopus database// AEGISD-IV 2024. BIO Web of Conferences 105, 03008 (2024). – 7 p.

Patents

1. O‘zbekiston Respublikasi foydali modelga patent № FAP 2530. Paxta terish mashinasida paxtani tashish uchun markazdan qochma ventilyator / Rizayev A.A., Yuldashev A.T., Qo‘ldoshev D.A., Soy G.N.,Xakimov M.A., Normatov M.Q., Ganjayev Sh.A., Xunarov A.A., Xudjayev M.K., Yusupov A.B., Djurayeva N.B., Mixaylova V.V.// Rasmiy axborotnoma – 2024. – № 2.

2. Rizayev A.A., Normatov M.K., Ganjayev Sh.A., Boboniyozov E.A. Paxta terish mashinasi havo transport tizimi markazdan qochma ventilyatori kirish darchasining matematik ifodasi// DGU № 46324. Toshkent, 2025.

Conferens materials

1. Normatov M.K., Ganjayev Sh.A., Kupaysinova X.A., Erkayeva L.T. Paxta terish mashinalarining turli konstruksiyadagi havo transport tizimlarining tahlili// Innovatsion texnika va texnologiyalarning qishloq xo‘jaligi oziq-ovqat tarmog‘idagi muammo va istiqbollari. III Xalqaro ilmiy-texnik anjuman materiallari. – Toshkent, 2023. – B. 243-244.

2. Rizayev A.A., Normatov M.Q., Xakimjonov A.B. Yarim osma gorizontall shpindelli paxta terish mashinalari haqida// Innovatsion texnika va texnologiyalarning qishloq xo‘jaligi oziq-ovqat tarmog‘idagi muammo va istiqbollari III Xalqaro ilmiy-texnik anjuman materiallari. – Toshkent, 2023. – B. 141-143.

3. Rizayev A.A., Malikov Z.M., Normatov M.K.,Ganjayev Sh.A. Raschet mestnogo aerodinamicheskogo soprotivleniya vo vsasivayuyushix truboprovodax// Innovatsion texnika va texnologiyalarning qishloq xo‘jaligi oziq-ovqat tarmog‘idagi muammo va istiqbollari. II Xalqaro ilmiy-texnik anjuman materiallari. – Toshkent, 2022. – B. 45-46.

4. Rizaev A.A., Normatov M.Q., Ganjaev Sh.A. Paxta terish mashinasining energiya samarador havo transporttizimi ishlanmasi// Professor T.S. Kamalov tavalludining 90 yilligiga bag‘ishlangan energetika va energiya tejash muammolari. Respublika ilmiy-amaliy anjuman materiallari. – Toshkent, 2025. – B. 810-812.

5. Normatov M.Q. Paxta terish mashinasi samarador ventilyatorining ish unumi nazariy hisobi// Zamonaviy ta’lim tizimini rivojlantirish va unga qaratilgan kreativ g‘oyalar, takliflar va yyechimlar. 80-sonli respublika ilmiy-amaliy online konferensiyasi materiallari to‘plami. – Toshkent, 2025. – B. 32-34.