دکتر امین‌رضا نقره‌آبادی

استاد گروه مهندسی مکانیک
دانشکده مهندسی، دانشگاه شهید چمران اهواز

تلفن: ۳۳۳۳۰۰۱۱-۰۶۱ داخلی ۵۶۷۸
فکس: ۳۳۳۳۶۶۴۲-۰۶۱

رایان نامه: Noghrehabadi@scu.ac.ir و Noghrehabadi@yahoo.com
سایت رسمی (دانشگاه): http://engg.scu.ac.ir/~noghrehabadi

تحصیلات

۸۸ لغایت همان سال : فرصت مطالعاتی، دانشگاه باث (انگلستان)
۷۹-۸۵ : دکترای مهندسی مکانیک، دانشگاه صنعتی شریف
۸۴-۸۵ : فرصت مطالعاتی، دانشگاه باث (انگلستان)

زمینه های تحقیقاتی

- **شبیه سازی تجربی و عددی بهبود انتقال حرارت با استفاده از نانوسیالات در کاربردهای مختلف**
- **شبیه سازی عددی انتقال حرارت درون محیط متخلخل**
- **شبیه سازی تجربی و عددی انرژی های تجدید پذیر**
- **شبیه سازی تجربی و عددی جت پمپ ها**
- **سنتز و مهندسی نانومواد جدید برای کاربرد انتقال حرارت**
- **طراحی مواد مزوپور و بررسی خصوصیات گرمایی-فیزیکی آن‌ها**
- **کاربرد نانوکامپوزیت ها به عنوان نانو سیالات هیبریدی جهت ارزیابی هدایت حرارتی در کاربردهای تجربی**
- **طراحی مواد بر پایه کربن برای کاربردهای انتقال حرارت و سلول های خورشیدی.**
- **استفاده از نانوذرات اکسیدهای فلز و نانوذرات فلزات برای کاربردهای انتقال حرارت.**

تجارب اجرایی و پژوهشی

۹۷- تاکنون : معاون پشتیبانی (اداری و مالی) دانشگاه، دانشگاه شهید چمران اهواز
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۹۲- ۹۳ : معاون آموزشی و پژوهشی دانشگاه، دانشگاه صنعتی شهدای هویزه
۹۰- ۹۲ : معاون آموزشی دانشگاه، دانشگاه صنعتی شهدای هویزه

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۹۳- ۹۶ : سردبیر مجله بین المللی مهندسی مکانیک، دانشگاه شهید چمران اهواز
۹۲-۹۳: دبیر کمیته بین الملل و سخنرانی‌های کلیدی کنفرانس سالانه بین‌المللی مهندسی مکانیک
۹۱- تاکنون : عضو هیات تحریریه مجله بین المللی مهندسی مکانیک، دانشگاه شهید چمران اهواز
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۹۱-۹۲ : راه اندازی آزمایشگاه تحقیقاتی نانوسیالات، دانشگاه شهید چمران اهواز
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۸۶-۸۸ : مجری پروژه تحقیقاتی، دانشگاه شهید چمران اهواز- شرکت گاز استان خوزستان
- تجزیه و تحلیل فنی سیستمهای اندازه‌گیری گاز استان و ارائه راهکارهای عملی جهت حذف و یا کاهش عوامل ایجاد خطا

۸۶-۸۷ : راه اندازی آزمایشگاه انتقال حرارت، دانشگاه شهید چمران اهواز

افتخارات و جوایز

- **انتشار بیش از ۷۰ مقاله در مجلات(ISI) و همایشهای بین المللی**
- **پژوهشگر برتر دانشگاه‌ها و مراکز آموزشی استان خوزستان در سال ۱۳۹۴**
- **پژوهشگر برتر، دانشگاه شهید چمران اهواز در سال ۱۳۹۲**
- **استاد راهنمای برتر کشور، انجمن مهندسان مکانیک ایران در سال ۱۳۹۲**
- **پژوهشگر برتر، دانشگاه شهید چمران اهواز در سال ۱۳۹۱**
- **پژوهشگر برتر، دانشگاه شهید چمران اهواز در سال ۱۳۸۹**
- **مدرس نمونه گروه مهندسی مکانیک، دانشگاه شهید چمران اهواز در سال ۱۳۸۷**
- **انتخاب رساله دکترا به عنوان رساله برتر کشور در سال ۱۳۸۵**
- **کسب بورسیه تحصیلی از دفتر فرهنگی بریتانیا (British Council)**

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- **نانوسیالات: دانش و فناوری (ترجمه)**
- **مقدمه ای بر سیستم های تهویه و تبرید خورشیدی (تالیف)**
- **روش‌های کاربردی در بهینه‌سازی (ترجمه)**

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- **هدایت و راهنمایی بیش از ۴۰ رساله کارشناسی ارشد و دکترا**
- **هدایت دانشجوی دکتری با کسب عنوان پژوهشگر برتر در دانشگاه شهید چمران اهواز**

- **هدایت دانشجوی کارشناسی ارشد با کسب عنوان پژوهشگر برتر درکشور** (با تایید و تشویق انجمن مهندسان مکانیک ایران)
- **هدایت دانشجوی کارشناسی ارشد با کسب عنوان پژوهشگر برتر در استان خوزستان** (با تایید و تشویق استاندار محترم استان خوزستان و رئیس محترم دانشگاه شهید چمران اهواز)
- **تلاش در رفع مشکلات صنعتی استان از طریق همکاری علمی و پژوهشی با شرکت گاز استان خوزستان و سازمان آب و برق خوزستان** (همکاری دانشگاه و صنعت)
- **تلاش در ارتقای دانش و فناوری نانو در استان و استفاده بهینه از ظرفیت‌های دانشگاه شهید چمران اهواز و کسب تایید و تشویق بیش از ۲۰ عنوان پژوهش و پایان نامه از طرف ستاد نانو ریاست جمهوری**
- **تلاش در انتقال دانش و فرهنگ به دانشجویان و افزایش سطح کیفی تدریس در دانشگاه شهید چمران اهواز و تربیت دانشجویان فرهیخته و متعهد** (کسب عنوان مدرس نمونه گروه مهندسی مکانیک دانشگاه شهید چمران اهواز)
- **تلاش در ارتقای توانایی‌های صنعتی استان خوزستان از طریق برگزاری سمینارهای آموزشی مرتبط با صنایع بومی استان و استفاده بهینه از ظرفیت‌های صنعتی و فرهنگی استان** (بومی سازی تکنولوژی)

تجربه تدریس

کارشناسی:

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- انتقال حرارت نانوسیالات

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References

Andrew Rees, Reader in Fluid Dynamics
Department of Mechanical Engineering
University of Bath, UK
+44 1225 38 6775, D.A.S.Rees@bath.ac.uk **or** ensdasr@bath.ac.uk

Ali Nouri-Borujerdi, Professor
School of Mechanical Engineering
Sharif University of Technology, Iran
+98 21 6616 5547, anouri@sharif.edu

Ioan Pop, Professor
Faculty of Mathematics
University Babeș Bolyai, Cluj-Napoca, Romania
popm.ioan@yahoo.co.uk