



پژوهشکده مخابرات نظری  
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## افتخار آفرینی دانشجویان مهندسی برق و مهندسی کامپیوتر

برنامه‌نویسی رقابتی، ورزشی ذهنی است که در آن شرکت‌کنندگان به حل مسائل در غالب برنامه‌های کامپیوتری می‌پردازند. چنین رقابت‌هایی توسط شرکت‌هایی چون Google، Facebook و IBM برگزار و حمایت می‌شوند. سازمان‌های علمی و تحقیقاتی نیز به طور منظم رقابت‌هایی در این زمینه برگزار می‌کنند. از چنین رویدادهایی می‌توان به المپیاد بین‌المللی کامپیوتر<sup>۱</sup>، مسابقه برنامه‌نویسی گوگل<sup>۲</sup>، رقابت برنامه‌نویسی دانشجویی ACM<sup>۳</sup> اشاره کرد.

سازمان IEEE از سال ۲۰۰۶ مسابقه بین‌المللی برنامه‌نویسی با عنوان IEEEExtreme<sup>۴</sup> برگزار می‌نماید. دانشجویان



رشته‌های مهندسی برق و کامپیوتر در مقاطع کارشناسی، کارشناسی ارشد و دکتری که عضو این انجمن می‌باشند، می‌توانند در این مسابقات شرکت نمایند. در این رویداد، دانشجویان در تیم‌های سه نفره به صورت همزمان و به مدت ۲۴ ساعت به حل مسائل برنامه‌نویسی چالش‌برانگیزی از شاخه‌های مختلف علوم کامپیوتر می‌پردازند. این رقابت حضوری توسط شاخه‌های دانشجویی، تحت نظارت اعضای IEEE، برگزار می‌شود.

انگیزه‌های اصلی از برگزاری این رویداد عبارت‌اند از:

- ایجاد فعالیتی جذاب و نو برای دانشجویان
- رویارویی با چالشی تیمی و بهبود این مهارت
- افزایش فعالیت‌های دانشجویی IEEE با تمرکز بر علم کامپیوتر، برنامه‌نویسی و فناوری اطلاعات

<sup>1</sup> International Olympiad in Informatics, IOI

<sup>2</sup> Google Code Jam

<sup>3</sup> ACM International Programming Competition, ACM-ICPC

<sup>4</sup> IEEEExtreme International Programming Competition

این مسابقه فرصتی مناسب برای تحلیل تئوری و حل مساله، تمرین مهارت برنامه‌نویسی و مدیریت زمان و منابع، در قالب کاری تیمی در یک رقابت معتبر جهانی می‌باشد. به منظور تشویق هرچه بیشتر شرکت‌کنندگان، سازمان IEEE جوایزی برای شرکت‌کنندگان نیز در نظر می‌گیرد. به عنوان مثال، جایزه تیم اول، پرداخت کلیه هزینه‌های مسافرت و شرکت در یکی از کنفرانس‌های IEEE می‌باشد.

نهمین دوره‌ی مسابقه‌ی جهانی IEEE Xtreme در اکتبر ۲۰۱۵ برگزار شد. در این مسابقه بیش از ۲۴۰۰ تیم از سراسر دنیا حضور داشتند. از این تعداد، ۲۱ تیم از دانشگاه‌های صنعتی شریف، تهران، امیرکبیر، صنعتی اصفهان، علم و صنعت، الزهرا (س) و آزاد یزد بودند. خاطرنشان می‌شود، ۸ تیم از دانشجویان دانشگاه صنعتی شریف حضور داشتند. از این میان ۴ تیم شریفی با کسب رتبه‌های زیر ۱۰۰ توانستند افتخار آفرین باشند. اعضای تیم، متشکل از: مجید فرهادی، سعید ایلچی قزآن، و محمد استاد محمدی از دانشجویان دوره کارشناسی دانشگاه صنعتی شریف بودند که توانستند برای دانشگاه و کشورشان افتخار آفرینی نمایند و رتبه اول دنیا را از آن خود نمایند. تیم‌هایی از کشورهای سوئیس (دانشگاه EPFL) و رومانی (پلی تکنیک بخارست) رتبه دوم و سوم را به خود اختصاص دادند. از اعضای تیم فوق‌الذکر مجید فرهادی دانشجوی دو رشته ای مهندسی برق و مهندسی کامپیوتر و همچنین همکار پژوهشی آزمایشگاه پردازش سیگنال و مالتی مدیا، سعید ایلچی دانشجوی دانشکده مهندسی کامپیوتر و محمد استاد محمدی دانشجوی دو رشته ای مهندسی برق و مهندسی کامپیوتر و دانشجوی آقای دکتر گلستانی می‌باشند. این موفقیت بزرگ را به خانواده بزرگ و معزز دانشگاه صنعتی شریف تبریک عرض می‌نماییم. درضمن از آقای دکتر سروری که به مدت ۲۴ ساعت بدون خواب، ممتحن این دوره از مسابقات بودند تشکر می‌نماییم.

## اخبار پژوهشکده

طی مراسم تقدیر از پژوهشگران برگزیده سال ۱۳۹۴ دانشگاه صنعتی شریف، آقای دکتر جواد صالحی بعنوان استاد ممتاز انتخاب شدند. به ایشان تبریک عرض می‌نماییم.

ارتقاء آقای دکتر آرش امینی به IEEE Senior Member را تبریک عرض می‌نماییم.

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