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VI



Massachusetts Institute of Technology

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# MIT EECS: Industrial Affiliates Program(s)

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# Industrial connections

- Industrial Connection Program
  - Formal affiliates program
- VI-A Program
  - Student internship program
- Industrial Projects Program
  - Student research projects on-campus
- Industrial collaborations through affiliated research labs

# Industrial Connection Program



- Formal mechanism for interactions between companies and students in EECS
- Primary focus is on providing companies access to students for recruiting; and on providing visibility of companies to students
- Member companies benefit from enhanced on-campus visibility and assistance with recruiting events;
- Students benefit from specific information about opportunities for summer internships and permanent employment

# Industrial Connection Program



- Fees: \$15K/year
- Roughly 20 companies currently
- Events:
  - Fall ICP Career Fair – 350+ students attend
  - ICP Information sessions for individual companies – 60-150 attendees per event
  - Technical talks by company representatives – 30-60 attendees per event

# Industrial Connection Program



- Engagement of faculty – tends to be minimal at early stages; mostly handled by staff
- Staff support – 50% of one full time staff member

# Industrial Connection Program



- Summary of company benefits:
  - Recruiting information sessions
  - Technical talks feature speakers from member companies
  - On-campus opportunities to meet informally with students
  - Invitations to participate in student-run panels and conferences
  - Annual career fair
  - Facilitate logistics for on-campus visits
  - Publicize summer and permanent job listings year-round
  - Identify student interests and backgrounds that match company needs
  - Educational opportunities for employees of member companies
    - Special student status to take MIT courses
    - Information on technical seminars of interest at MIT
  - Visibility of ICP members on EECS home page (averages 1000 hits per day)

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# Industrial Projects Program



- Connects local industry with M.Eng students
  - Companies brainstorm research needs, come up with "requests for proposal"
  - Interested EECS seniors write MEng proposals
  - Companies review proposal, make "supervision offers"
  - Students do MEng thesis on campus with joint company/faculty supervision
  - Companies also provide summer internships and grad year support for MEng students



# Industrial Projects Program



- **Benefits**

- Students have real-world thesis opportunities, gain excellent guidance and mentoring
- Companies benefit from creative research and access to students at early stage