

## Award Categories and Criteria

- Recommend two types of college recognition of excellence :
  1. Valuable awards → achievements in areas directly contributing to fulfillment of college vision, mission and objectives.
  2. Certificate of recognition that should be abundantly used to recognize as well as encourage quality work in various areas, e.g. office automation efforts, best senior project, coop work, etc.

## Award Categories and Criteria

- Any CCSE faculty who has served one year or more is eligible.
- Award winners are excluded from running for the same award **the following 2 years**.
- **University** award winners (e.g. teaching) excluded from running for the corresponding college award for the same year and **the following 2 years**.
- A faculty should not be allowed to combine more than **2 awards per year**.

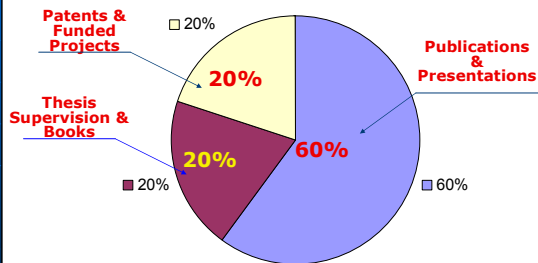
## List of Awards

1. Distinguished research award
2. Distinguished teaching award
3. Special services award.
4. Interdisciplinary research award.
5. Industry/businesses collaboration award.
6. Patent award
7. Excellence in student projects.
8. Certificate of recognition for:
  - Excellence in senior project
  - Excellence in coop work
  - Excellence in summer training award
  - Lab development effort
  - Special services

## Distinguished Research Award

- Faculty research is reviewed over **2 years period** and uses point system.
- Balanced research profile should include activities in 3 major categories.
- Faculty are Ranked per each category

## Distinguished Research Award



## Distinguished Research Award

- Candidates are evaluated based on a point system such that:
  - The candidate with the highest score in each category gets the corresponding weight for this category (60 points, 20 points and 20 points). other candidates *in this particular category* are prorated accordingly.
  - The highest **total score** in all 3 categories will be the winner of the award

## Publications & Presentations

- Work Considered
  - Refereed Publications (Journals, Conferences & Tech Reports)
  - Conference & Research Seminar Presentations.
- Points for publications are Scaled by
  - Publication rating (provided by department)
  - Contribution factor
- Points granted per publication = *Points for the publication type x rating x contribution factor*

## Contribution Factor

- Faculty contribution factor is:
  - 1 for single author,
  - 0.5 in case of 2 authors,
  - for multiple authors:
    - the first author contribution=  $1.5x$ ,
    - the second author gets  $1.2x$ ,
    - remaining authors get  $x$ .
  - Where  $x = 1/(\# \text{ of authors} + 0.7)$

## Point for Publication Type

- Refereed journal 5 points
- Refereed Conference 2 points
- Technical Report 1 points
- Technical Seminar/Conf Presentation 1 points

## Patents and Funded Research projects

- Patent points computed as per the Patent award guidelines
- For a funded research project of  $n$ -years &  $M$  Investigators:
  - While in progress, each investigator gets  $n/M$  points for the first  $(n-1)$  years.
  - Project completed *in time* ( $n$ th year), each investigator gets  $(2n/M)$  points
  - No credit is granted for years beyond  $n$ .
  - Points for a completed project should be scaled by a factor equals  $(n/\text{actual project duration in years})$ .

## Thesis supervision & graduate-level books

- Completed MS (PhD) thesis
  - Advisor gets 2 (4) points.
  - In case of co-advising, each Co-advisor gets 1 (2) point.
  - Committee member gets 0.25 (0.4) point.
- Maximum allowed points for thesis supervision and committee membership is 10 points.
- A Graduate-level book is assigned a Rating (0 to 1)
- Book Rating considers
  - comprehensiveness of material coverage,
  - book ratings by international reviewers and readers
  - formula must be devised here (?)

## Points for Grad-Level Books

- Points awarded to each author per year for the first 2 years after publication.

$$\frac{6 \times \text{Book Rating}}{\# \text{ of Authors}}$$

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  - Committee member gets **0.25 (0.4) point**.
- **Maximum allowed points** for thesis supervision and committee membership is **10 points**.
- A Graduate-level book is assigned a **Rating**
- Book **Rating** considers
  - comprehensiveness of material coverage,
  - book ratings by international reviewers and readers
  - formula must be devised here
  - each author gets points per year for the first 2 years after publication. The book rating will consider the comprehensiveness of material coverage, book ratings by international reviewers and readers (some formula must be developed here).

## Distinguished Teaching Award

- Faculty record for the past year (not including summer) is evaluated according to the following criteria:
  1. Student Class Evaluation (Class): **20 pts**
  2. Graduating Student Evaluation: **10 pts**
  3. Chairman: **5 pts**
  4. Lab development: **3 pts**
  5. Developing a new course: **2 pts**
  6. **Teaching load** (course credit hours, class size, undergrad/grad, new course teaching, number of senior projects, number of coop students, course coordination) **10 points**
- Details of the course load point distribution and calculation is still to be worked out.

## Special Services Award

- Nominations may be made by the dean or department chairmen.

## Award for Industry/Business Collaboration Effort

- Generation of Summer-training / Coop/ job opportunities for the college students.
  - Summer-training → **2 points**
  - Coop → **3 points &**
  - Job → **5 points**
- **Consultancy**
  - involve more than one faculty with seminars **4 points,**
  - involves more than one faculty no seminars **3 points,**
  - one faculty with seminars **2 points,**
  - one faculty with no seminars **1 point**

### Award for Industry/Business Collaboration Effort

- Industry funded Projects
  - involves students and faculty with seminars **4 point**,
  - involves students and faculties no seminars, **3 point** ,
  - involves students + seminars **2 point**,
  - otherwise **1 point**.
- Industry Adopted Patent→ **5 points**
- Bring Funds for chairs→**5 points**

### Award for Interdisciplinary Research Effort

#### Requirement:

- Must involve faculty from *at least two departments*.
- Either a joint project or thesis /dissertation.
- Involved departments not limited to departments within the college

### Award for Interdisciplinary Research Effort

#### Point System

- 3 \* Number of students from each department
- 2 \* Number of faculty
- 2 \* Number of departments.
- Joint journal paper points calculated as per the distinguished research award guidelines *can be used in both of the awards*.
- Joint conference paper points calculated as per the distinguished research award guidelines *can be used in both of the awards*.
- Joint technical report points calculated as per the distinguished research award guidelines and *can be used in both of the awards*.

### Patent Award

- Every patent is awarded **5 points**
- Granted Points = **5 points** x Contribution
- Contribution factor is as follows:
  - 1 for single author,
  - 0.5 in case of 2 authors,
  - for multiple authors:
    - the first author contribution= **1.5x**,
    - the second author gets **1.2x**,
    - remaining authors get **x**.
- Where  $x = 1/(\# \text{ of authors} + 0.7)$

### Excellence In Student Projects Award.

- This award is evaluated over a 2-year period.
- It depends on the quality of generated projects rather than quantity.
- Award nominations should be received from respective departments.

### Certificate of Recognitions

- Winners of these certificates are to be nominated by the respective departments.
  - Best senior project
  - Best coop work
  - Best summer training award
  - Lab development effort
  - Special services