Organizing a Regional Forum for Engineering Technology

Proposal for ECETDHA Mini-Grant

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Abstract:

The grant is requested to organize a regional forum for Engineering Technology (ET), with the theme of sustainable development for ET. Intended attendees will be faculties from neighboring institutions with ET programs, to discuss the commonly concerned topics regarding administration, curriculum, recruiting, etc. Also, students from two-year colleges will be invited for a campus visit to strengthen the connection between two-year community colleges and four-year universities.

Justifications:

The proposal is initiated from a faculty workshop held at Prairie View A&M University on May 20, 2014. Leveraged on an NSF grant, PI invited several administrators of Engineering Technology from neighboring institution, to introduce his recent teaching innovations on smart grid, as well as discuss the sustainable development of ET. In the morning session, each guest speaker gave an one-hour presentation including interactions with attendees, and the panel discussion was made in the afternoon session. This departmental event was also recognized by upper level administration in host institution. Dean Dr. Harris attended the panel discussion, and Associate Dean Dr. Lin attended the whole event.

By the end of the faculty workshop, all the attendees believe it will be a great idea to organize a regional forum to attract more faculties in this region to discuss some commonly concerned topics to achieve a sustainable development for Engineering Technology. Based on the information collected in the faculty workshop, the forum topics are tentatively selected as

(1) difference between ET and engineering;
(2) curriculum design to demonstrate the particularity of ET;
(3) connection with community college;
(4) partnership with industry.

Besides, students from two-year colleges will be invited for a campus visit, to expose them with upper level course subjects, and attract more college students to continue their studies at four-year universities.

Intended Report:

A report will be generated to summarize the consensus achieved in discussion, to help respective institutions clarify ET identification and design an appropriate development strategy. In addition, it is intended that the report will be in a form suitable for publication in the Journal of Engineering Technology.

Time Line:

- establish steering committee  Jul 2014
- prepare forum program        Aug 2014
- finalize agenda              Sep 2014
- invite attendees             Sep 2014
- arrange logistics Oct 2014
- forum Oct 2014
- submit report Nov 2014
- write publication Dec 2014

Budget and Budget Justifications:

The total amount requested for this forum $2,000, including a 1:1 matching from Roy G. Perry College of Engineering. The actual amount requested from ECETDHA is $1,000.

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<thead>
<tr>
<th>CATEGORIES</th>
<th>AMOUNT</th>
<th>NOTES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stipend</td>
<td>$1,000</td>
<td>Provided for faculties from community colleges with accompanied students.</td>
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<tr>
<td>Lunch</td>
<td>$600</td>
<td></td>
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<tr>
<td>Beverage</td>
<td>$200</td>
<td></td>
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<tr>
<td>Printing, supplies</td>
<td>$200</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>$2,000</strong></td>
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- **Stipend**: $100 stipend will be provided for selected attendees. Priority will be given for those faculties from two-year community college with accompanied students. The incentives are provided to encourage the involvement of neighbouring community college, and attract more college students to participate the campus visit arranged on the same day.
- **Lunch**: Meals are prepared for attendees including both faculties and visiting students.
- **Beverage**: Provided for forum attendees.
- **Supplies**: Printing, folders, pens, notes, etc.

Commitment for the Matching Fund:

As required by the guideline of ECETDHA mini-grant, a 1:1 matching grant is needed from proposer’s home institution. If successfully funded, $1,000 will be provided by Dean’s Office to ensure the successful organization of the proposed regional forum for Engineering Technology.

The above request for $1,000 matching grant is reviewed and approved by

Kendall T. Harris, Ph.D., P.E.
Professor and Dean
Roy G. Perry College of Engineering

5/29/14