

PROFESSIONAL ACTIVITIES PROJECT PLAN AND FINANCING REQUEST

Calendar Year 2000

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|--|---|
| 1. PROJECT TITLE PreCollege Education, K-12 Math & Science Mentoring | |
| 2. SPONSORING SECTION/COUNCIL/AREA/CHAPTER REGION 6 San Diego Section | |
| 3. TREASURER/ADDRESS Dr. Scott Andrews PO Box 927390 San Diego, CA 92192-7390 | 4. PROJECT MANAGER/ADDRESS/PHONE Dr. Kesh Bakhru 3426 Yosemite St. San Diego, CA 92109 858-505-2648 (phone) 858-505-1532 (fax) kesh.bakhru@cubic.com |
| 5. STATEMENT OF OBJECTIVES Set up basic science, math & computer experiments for students 3-6 grades in elementary schools in San Diego. Help science & math teacher in the design & set up of experiments for learning fundamental concepts with volunteers from IEEE members & acquiring kits, hardware & software tools in the design of experiments. | |
| 6. PLANS FOR ACHIEVING OBJECTIVES The project is based on lessons learned from last year's project. 6-8 experiments in basic science & computer skills will be designed & set up with the help of IEEE volunteers & the science teacher. Students will be mentored on one-on-one basis to provide hands on experience to students learning basic skills in computer skills, math, science projects & communication & writing skills. | |
| 7. HOW ACHIEVEMENT WILL BE MEASURED The students' progress in the math, science, computer use, communication & writing skills will be monitored through the teacher with the help of IEEE local volunteers. The results will be published in a report & sent to professional development conference 2000. The projects can be used in other classes & schools to benefit k-12 students in the technology literacy. | |
| 8. HOW MANY MEMBERS WILL BENEFIT FROM THIS PROJECT? About 50 students with potential to benefit large number of other students in other schools. | |

Use additional sheets if necessary
 After completion, send this form to your Regional PACE Coordinator

January 2000

9. ACTIVITIES (list the major activities required for project achievement and the targeted completion dates):

| Activities | Dates |
|---|-----------|
| 1. Design of 6-8 experiments/ projects | June 2000 |
| 2. Acquire kits, hardware, computer hardware/software tools | |
| 3. _____ | _____ |
| 4. _____ | _____ |
| 5. _____ | _____ |

10. FUNDING REQUIREMENTS (refer to activities above by number):

| Type of Expense | Amount |
|-------------------------------|------------------|
| 1. _____ | \$ 600.00 |
| 2. _____ | \$ _____ |
| 3. _____ | \$ _____ |
| 4. _____ | \$ _____ |
| 5. _____ | \$ _____ |
| TOTAL FUNDING REQUIRED | \$ 600.00 |

11. PROJECT FUNDING SOURCES

| | |
|-----------------------------|----------|
| Region | \$ 300 |
| Section | \$ 300 |
| Project Income | \$ _____ |
| Employment Assistance Cmte. | \$ _____ |
| Other | \$ _____ |

12. DISBURSEMENTS

| | |
|--|--------------------|
| 1) Regional Funds | |
| Advance disbursement (pre-event cost) | \$ 150 from region |
| Final disbursement | \$ _____ |
| 2) EAC Funds | |
| Advance disbursement | \$ _____ |
| Final disbursement | \$ _____ |
| TOTAL | \$ _____ |

13. PROJECT APPROVAL

PACE Chair (Section/Area/Council/Chapter) DATE: _____

Chair (Section/Area/Council/Chapter) DATE: _____

Regional PACE Employment Assistance Program Coordinator (if applicable) DATE: _____

Regional PACE Coordinator DATE: _____

Regional Director DATE: _____