



KAKARAPARTI BHAVANARAYANA COLLEGE (AUTONOMOUS)

(Sponsored by S.K.P.V.V. Hindu High Schools' Committee)

Kothapeta, Vijayawada - 520001

Affiliated to Krishna University, Machilipatnam

Accredited with 'A' Grade in Cycle 3 by NAAC



DEPARTMENT OF PHYSICS & ELECTRONICS

The Department of Physics & Electronics at K.B.N College (Autonomous) places a strong emphasis on experiential learning through internships. In line with the revised Choice-Based Credit System (CBCS) curriculum implemented from the academic year 2020-21, the department has integrated three internships into its program, irrespective of the type of college and the program of study (e.g., BA, B.Com, B.Sc, BBA, Honours, etc.). These internships aim to bridge the gap between academic knowledge and practical skills, providing students with valuable experiences that prepare them for the world of work.

First internship (April-May after 1st year examinations): Community Service Project:

To inculcate social responsibility and compassionate commitment among the students, the summer vacation in the intervening 1st and 2nd years of study shall be for Community Service Project (the detailed guidelines are circulated separately).

Learning outcomes:

- To facilitate an understanding of the issues that confronts the vulnerable / marginalized sections of the society.
- To initiate team processes with the student groups for societal change.
- To provide students an opportunity to familiarize themselves with urban / rural community they live in.
- To enable students to engage in the development of the community.
- To plan activities based on the focused groups.
- To know the ways of transforming the society through systematic programme implementation.

Assessment Methodology

- Internal Evaluation: Each faculty member mentors a group of 10 to 15 students during this internship.
- Total Marks: 100
- Credits: 4

Components and Weightage :

- Project Log: 20%
- Project Implementation: 30%
- Project Report: 25%
- Presentation: 25%

Project Log:

- Individually assessed, considering effort, originality, quality of work, integration, and completeness of the logbook.

Project Implementation Assessment:

- Components include orientation to community development, baseline assessment, awareness programs, intervention/service programs, follow-up programs, and action plans.

Project Report:

- Covers introduction, scope, objectives, methodology, problem identification, analysis, community awareness programs, interventions, action plans, recommendations, conclusions, and references.

Project Presentation:

- Assesses student involvement, presentation skills, and final project outcomes.

Second Internship: Apprenticeship/On-the-Job Training Objectives

- Provide students with practical exposure to their chosen field of study.
- Bridge the gap between theory and practice.
- Assess and enhance students' interests and abilities in their field.
- Cultivate essential work habits, communication skills, and critical thinking.
- Create a record of work experience.
- Establish valuable employment contacts.

Assessment Methodology

- Internal Evaluation: Each faculty member mentors a group of 10 to 15 students during this internship.
- Total Marks: 100
- Credits: 4

Components and Weightage:

- Project Log: 20%
- Project Implementation: 30%
- Project Report: 25%
- Presentation: 25%

Project Log:

- Individually assessed, considering effort, originality, quality of work, integration, and completeness of the logbook.

Project Implementation Assessment:

- Components include involvement in assigned tasks, regularity, acquisition of new knowledge and skills.

Project Report:

- Covers introduction, scope, objectives, methodology, problem identification, analysis, community awareness programs, interventions, action plans, recommendations, conclusions, and references.

Project Presentation:

- Assesses student involvement, presentation skills, and final project outcomes.

Third Internship: Semester-Long Apprenticeship/On-the-Job Training Objectives:

- Develop hands-on technical skills essential for the workforce.
- Prepare students for real-world challenges.
- Integrate academic theory with practical experience.
- Assess and enhance students' readiness for employment.
- Establish a record of extended work experience.
- Cultivate additional skills required for professional success.

Assessment Methodology

- Total Marks: 200
- Credits: 12

Internal Assessment:

- Comprises project log, project implementation, project report, and presentation.
- Total Marks: 50
- Weightage: 25%

External Assessment:

- Includes performance evaluation by the evaluation committee and external viva voce.
- Total Marks: 150
- Weightage: 75%

Project Log:

- Individually assessed, considering effort, originality, quality of work, integration, and completeness of the logbook.

Project Implementation Assessment:

- Components include involvement in assigned tasks, regularity, acquisition of new knowledge and skills.

Project Report:

- Covers introduction, scope, objectives, methodology, problem identification, analysis, community awareness programs, interventions, action plans, recommendations, conclusions, and references.

Project Presentation:

- Assesses student involvement, presentation skills, and final project outcomes.

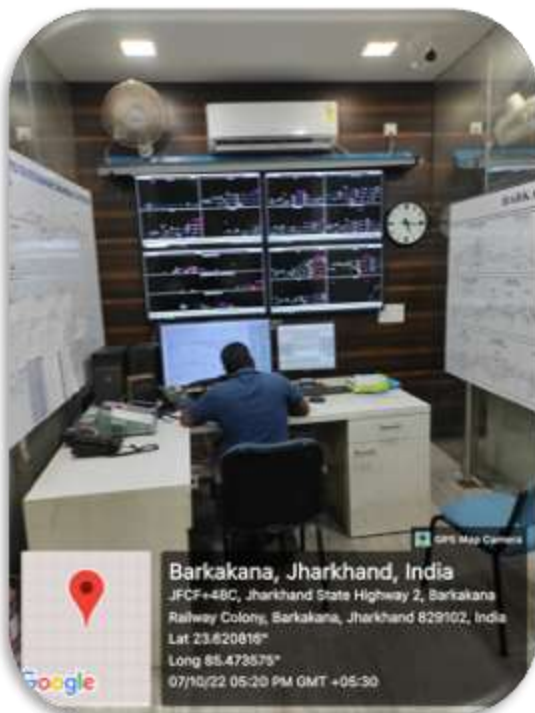
Industries that we are associated with for Internships:

1. EFFTRONICS SYSTEMS PVT LTD, GUNTUR
2. BSNL,REGIONAL TELECOM TRAINING CENTRE,HYDERABAD
3. FUTURETECH SOLUTION,HYDERABAD
4. LAMPEX ELECTRONICS LIMITED, HYDERABAD.
5. THOTAKA TECHNOLOGIES INDIA PVT.LTD,HYDERABAD
6. BHARAT ELECTRONICS LIMITED (BEL),MACHILIPATNAM
7. MYACCESS PVT.LTD,VIZAG
8. QLEARNCEPT LLPEO TECH .HYDERABAD.
9. SPICE SKILLS INDIA,LLP VIJAYAWADA
10. MICROLINK INFORMATION TECHNOLOGIES,VIJAYA WADA
11. HEXNBIT- SKILLING FOR FUTURE,NOIDA
12. RAMS SOFT TECH INDIA PVT.LTD,VIJAYAWADA
13. PBR SOFT TECHNOLOGY,VIJAYAWADA
14. SYTIQHUB EDUCATIONAL SERVICES (P) LTD.(SES),SURAMPALLI
15. SMART HOME & INDUSTRIAL SOLUTIONS,VIJAYAWADA
16. INNOVATIVE TECHNOLOGIES, VIJAYAWADA.

Below are the benefits given during internship:

- 1) Stipend:- Rs. 4000/- per month
- 2) Accommodation: - will be provided by company at site
- 3) Travelling: - will be provided by company at site
- 4) Daily Allowance:- Rs. 250/- per day at site (For Food)
- 5) Phone Bill :- will be provided by company

PHOTO GALLERY







Hyderabad, Telangana, India
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