



Office of the Director-cum-Principal,  
Govt. Hydro Engg. College Bandla (Bilaspur)  
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No:

Dated:

RESEARCH and DEVELOPMENT CELL (R&D CELL)

Sr.No.	Name and Designation	Designation
1	Dr. Umesh C. Rathore	Director-Cum-principal
2	Dr. Mahesh Kumar	Associate Professor (CE)
3	Dr. Shashi Gurung	Associate Professor CSE (AI&DS)
4	Dr. Sunita	Associate Professor (AS&H)
5	Dr. Sita Ram, AP (EE)	Assistant Professor

Director-cum-Principal  
Govt. Hydro Engg. College Bandla, Bilaspur

Endst. No. GHEC/BLP/AICTE GEN/22/ 288-290 Dated:- 22/01/16

Copy to:-

1. Intuition Website
2. Notice Board
3. All the above committees member

(AI&DS)  
(AS&H)

Director-cum-Principal  
Govt. Hydro Engg. College Bandla, Bilaspur



## RESEARCH AND DEVELOPMENT CELL (R&D CELL)

A. P. Shah Institute of Technology has promoted meaningful scientific industrial Research and Development activities with a vision and mission to pursue and promote Research in Frontier Technologies as well as in the various disciplines of Engineering.

For any education, specifically technical education, the basic model of a 'teaching – only' institution is inadequate to ensure quality education. In all disciplines of technical education, knowledge is dynamic with new technologies being introduced very frequently. In this scenario, it is not possible for the teachers to deliver good quality instructions without being tuned to the current developments in the subjects, for which they must constantly update their knowledge. A well-recognized way to deal with this paradigm is for the teachers to be active researchers in the areas in which they interested. As researchers, they need to understand the past and recent developments in their subject areas.

Research and Development cell was established at APSIT to inculcate research and innovative skills among faculty and students. R&D Cell provides a platform for creativity and innovation to flourish young minds in Institute. Innovative breakthroughs will happen only because of meticulous efforts of R&D. The Institute provides SEED amount to facilitate basic common research infrastructure for individuals to execute collaborative work.

APSIT R&D cell is a nominated committee consisting of Professors from various programs of Engineering. This committee oversees the smooth and efficient coordination of research and development activities in the Institute, thus fostering overall growth. The organizational structure consists of Advisor, Principal, Dean and Coordinators for facilitating the routine functioning of the cell.

### COMPOSITION OF R&D CELL

**Advisory Committee-** Institute Research Advisor, Principal, Dean and 3 or 5 renowned external Academic Personalities with sufficient Research and Administrative background.

**Institute Research Advisor-** a Professor with at least 10 years of research supervision experience

**Coordinators-** 5 to 7 teaching faculty members from the Institute, with research supervising experience and 1 or 2 non-teaching officers representing with experiences in research related administrative duties.

### RESPONSIBILITIES OF MEMBERS

**Advisory Committee-** The role of advisory committee to RDC is to give advises on research matters whenever necessary.

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**Coordinators-** Coordinators are expected to report back on Institute research committee business to their constituents (in faculties, research students, other committees), as well as participating in committee discussions and decision making.

#### **Institute Research Advisor-**

- Thorough knowledge of grants/funds availability for research projects/FDPS /Seminars/Workshops for students and faculty
- Acting as a liaison with other Institute administrative support units, sponsors, and auditors.
- Support research student and faculty in the development of proposals and related financial narratives and budgets
- Thoroughly understand allowable, direct, and facilities and administrative (F&A) costs.
- Assuring that costs incurred under sponsored research projects conducted within the department comply with sponsor and University policies.

#### **Meeting**

The R&DC will meet at least four times per year.

#### **Objectives**

- To foster scientific temper.
- To generate innovative ideas on academic and societal problems
- To Encourage, Coordinate And Implement Research And Development Programs (workshops/ seminar/ trainings)
- To create awareness on evolving technologies and industrial standards for products.
- Provide scope for faculty and students to work on latest evolving technologies with industry standards through consultancy projects.
- To identify and inform researchers about the appropriate research opportunities announced by different academic, research, industry or government organisations.
- To encourage and facilitate the publication of the research work/projects in reputed academic journals and reputed conferences
- To prepare and implement a research quality assurance mechanism for ensuring that all research activities of the college conform to standard quality specifications.
- To develop, prescribe and administer rules and regulations to ensure the compliance of all researchers to the research quality assurance framework and the research code.
- To encourage Core Competence and Consultancy work
- To create awareness about filing Patents & IPR

#### **R & D CELL MAIN ACTIVITIES**

- Assists faculty, research scholars and students in filing research proposals for grants from various funding agencies like DST, AICTE, MHRD etc.
- Allocates funds for in-house R & D projects of the faculty, research scholars and students.

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