Introduction: 2630 Students &   Faculty

BITS Pilani

innovate   achieve   lead

Overview of PS-I, 2023

Prof. Srinivasa Prakash Regalla
Dean (Institute-wide)
Practice School Division

Basic features of PS-I

- PS-I provides students with first exposure to industry, after two years of the integrated first-degree programme.

  - Orientation based learning led by faculty member, to learn organization structure and function, to develop personality traits, and to enhance communication and presentation skills.

  - Students work under mentorship of Professional Experts from Industry and PS-I Faculty.

- PS-I bridges the gap between theory and practice.

- PS-I (BITS F221) is a course carrying 5 units.

PS-I: Summer, 2023

- Duration this time is from 30th May to 21st July, 2023.

- 2630 students with 355 plus Organizations and Projects.

- As the Covid restrictions are completely gone, almost all the PS I stations this time are onsite.

- Groups of students work on Projects with industry mentors & BITS Faculty.

- To meet the other objectives of PS-I, lectures/ webinars from industry experts on topics specific to industry domain, organization, discipline, and project domains are planned.

PS-I: Summer, 2023

- We also plan lectures aimed at enhancing soft skills.

- Students are to carryout project from remote locations (home) virtually connected using Moodle Learning Management System (LMS), exclusively configured for PS-I operation.

- Instructor-led sessions, mentor reviews and other activities of PS-I will happen using LMS.

- Virtual/remote labs planned in certain disciplines.

- Aim is to provide the actual experience of working in an industry, while working from home remotely.

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Instruction and Monitoring

Prof. Sandip Deshmukh

Associate Dean

Instruction & Monitoring Cell, PSD

First few days of PS-I

Virtual reporting for PS-I course :

- All students should virtually report to the PS-I faculty through Moodle, Learning Management System on the first day (Tuesday, 30th May, 2023).

Course Handout:

- Will be given to students within 2-3 days from the beginning of PS-I course.

Orientation Program:

- Happens during first week for comprehensive understanding of the organization.

Student-Faculty Interaction

- Daily/ regular interaction of students and faculty is imperative and mandate for PS-I program (through LMS)

- During the interaction the PS-I faculty will be:

  - continuously monitoring the students

  - guiding their assignments/ projects

  - giving feedback to students about their performance

- Focus is on many other attributes which may not surface in the normal class room situations such as:

  - Professional judgment
  - Interdisciplinary approach
  - Sense of responsibility
  - Decision making ability
  - Skills for data handling
  - Presentation skills

Registration & Attendance

- Registration for PS-I course done on 03 May, 2023 at respective campuses is only provisional.

- Only when the student reports to the PS-faculty then the registration gets confirmed.

- Students should attend all the sessions/ interactions with industry mentors and PS-I faculty.

- If a student will not be attending any session, he/ she should request the PS-I faculty for his/ her absence well in advance.

- Any deviation from above process or uninformed absence may lead to cancellation or withdrawal from PS-I course.

Conduct during PS-I

- Strictly follow the rules and regulations prescribed by the organization (PS station).

- Adhere to the timings of meetings and evaluation schedule.

- Any kind of problem related to PS-I should be reported immediately to the PS-I faculty.

- Maintain proper conduct during entire PS-I duration.

- Uphold good relation with industry mentor & team members.

- Should not share any confidential data of the organization with anyone or in any form (seminar/ reports).

Conduct of PS-I course

First week:

- A report on project details *(Annexure-II, handout)* has to be submitted by the students, after discussion with PS-I Faculty & Industry by 7th June, 2023.

- In order to direct students to perform the project work, the following preparations will be done during the first week:

  - Virtual tour/ expert lectures about the PS station/ industry/ domain

  - Gap Lectures/ Webinars by industry experts/ BITS faculty

  - Reference materials will be provided to students during this phase

Conduct of PS-I course

Project Monitoring Plan

- *Online Diary:* Weekly update on work completed and plan for the work to be executed during the forthcoming week.

- *Student-PS-I Faculty interaction:* Daily and as frequent as required by the project work.

- *Student-Industry Mentor interaction:* Daily (First 2 weeks and final 2 weeks); Weekly for rest of the PS-I period, accessible via chat and discussion forum, and as required by the project work.

Evaluation Scheme

Evaluation Component	Weightage, (%)	Timeline
Quiz-I	5	6-8 June
Group Discussion-I	5	13-15 June
Seminar-I	10	20-24 June
Project Report-I	10	20-24 June
Observation-I	5	20-24 June
Diary-I	5	20-24 June
Mid-Term Evaluation	**40**	**25, June**

Evaluation Scheme *Contd…*

Evaluation Component	Weightage, (%)	Timeline
Mid-Term Evaluation	**40**	**25, June**
Quiz-II	5	30 June-3 July
Group Discussion-II	5	5-8 July
Seminar-II	15	18-20 July
Project Report-II	20	18-20 July
Observation-II	10	18-20 July
Diary-II	5	18-20 July
End-Term Evaluation	**100**	**21, July**

Grading of PS-I course

- At the end of PS-I course, letter grade will be awarded.

- For a given PS-I project, students from all three campuses (P, G & H) will be graded together by the PS-I faculty.

- In addition to marks obtained in evaluation components, PS-I faculty will also continuously judge and grade students for other attributes such as:

  - Punctuality & discipline

  - Sincerity & taking initiative in doing work

Digital Contents

- Digital Orientation Session

- Digital Contents on:

  – Professional Ethics

  – Technical Report Preparation

PS: Documentation & Publications

Dr Muthu Kumar G

Associate Dean, Pilani Campus

Documentation & Publications

PS-I Chronicles

- Release of PS-I Chronicles - complied version of the student and company experience

- Objective:
  - Learning Experience: Prospective PS-I Students
  - Awareness among faculty: type of work
  - Curriculum Improvement

- Your role:
  - Short Summary of work done
  - Describe your PS-I experience
  - Success Stories

PS: Quality Assessment and Assurance

Prof. Sachin Waigaonkar
Associate Dean, Goa Campus
Quality Assessment and Assurance

Quality Assessment and Assurance of PS-I: Key Activities

- Student Feedback about :

  - ➢ Organization (Project)

  - ➢ Course

- Crucial for Quality Assessment and Assurance of PS-I

Feedback

Key Areas:

➢ Motivation and Atmosphere for Learning

➢ Technical Learning and Evaluations

➢ Professional Skills Developed

➢ Cognitive Learning

Example: Feedback Form

Orientation

Description (optional)

Orientation was well organized and helped me understand the structure of the   *

○ Strongly Agree

○ Agree

○ Neutral

I was able to understand the nature of work and projects undertaken by the organization from the orientation
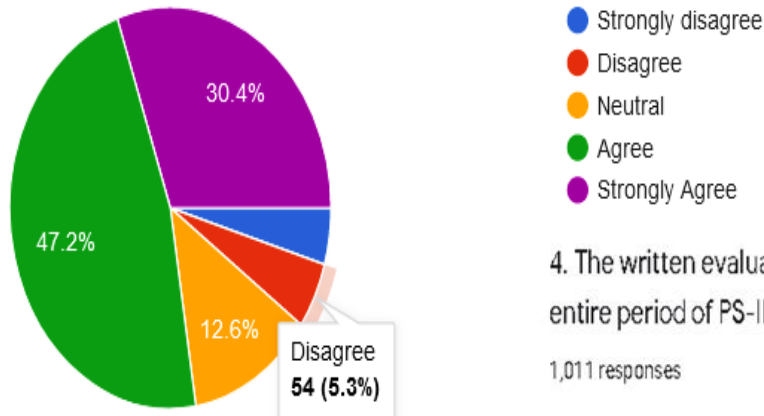
○ Strongly Agree

○ Agree

○ Neutral

○ Disagree

○ Strong Disagree
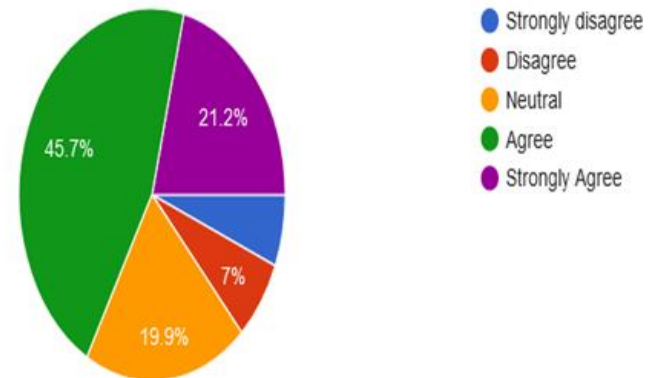
Example: Feedback

3. I learnt new things in terms of life skills (creativity, decision making, critical thinking, ethics), soft skills (oral, written, non-verbal skills) during the execution of the project

1,011 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

30.4%
47.2%
12.6%

Disagree
54 (5.3%)
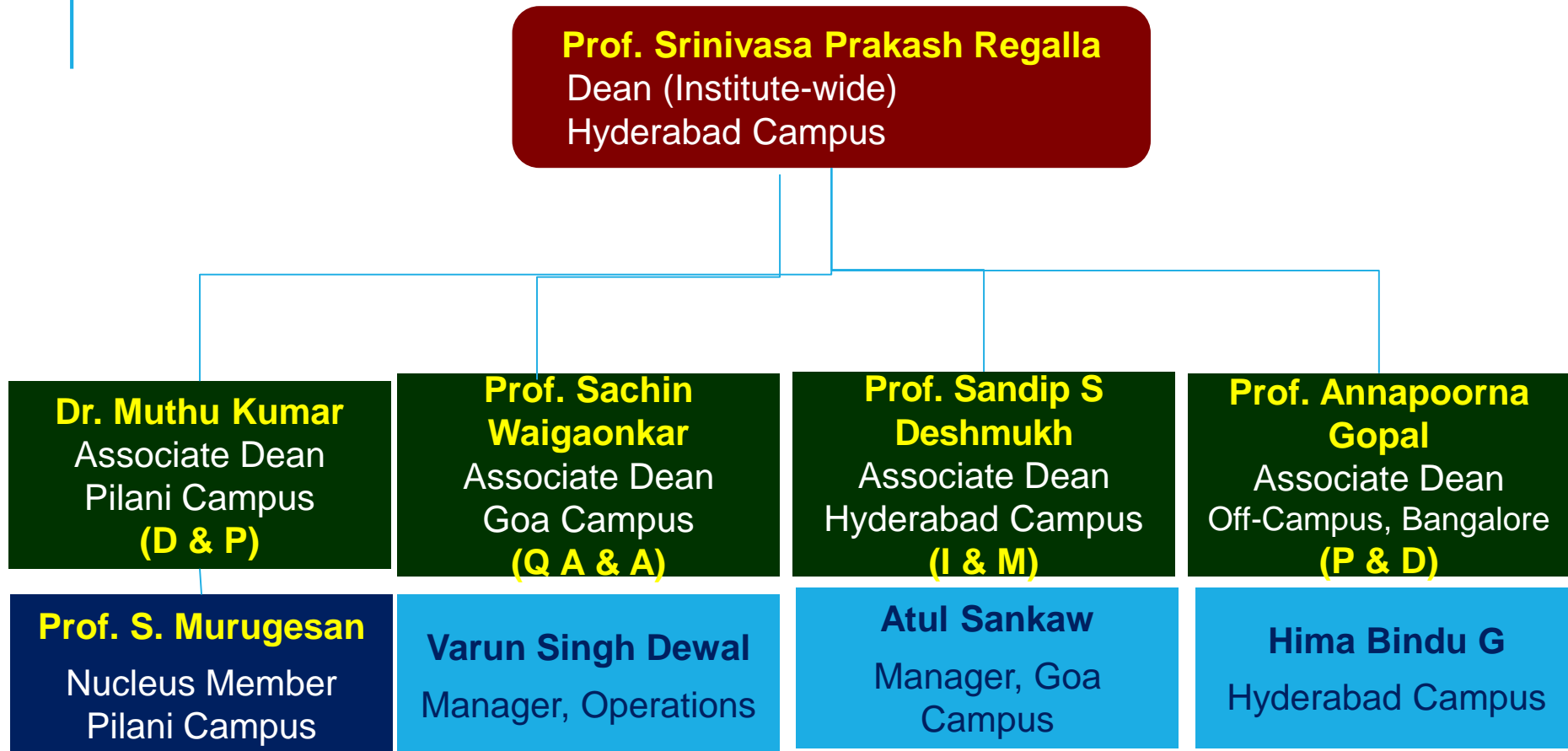
4. The written evaluation components were appropriately designed and spaced out during the entire period of PS-II

1,011 responses

- Strongly disagree
- Disagree
- Neutral
- Agree
- Strongly Agree

45.7%
21.2%
7%
19.9%

Practice School Division: Organogram

Prof. Srinivasa Prakash Regalla
Dean (Institute-wide)
Hyderabad Campus

Dr. Muthu Kumar
Associate Dean
Pilani Campus
(D & P)

Prof. Sachin Waigaonkar
Associate Dean
Goa Campus
(Q A & A)

Prof. Sandip S Deshmukh
Associate Dean
Hyderabad Campus
(I & M)

Prof. Annapoorna Gopal
Associate Dean
Off-Campus, Bangalore
(P & D)

Prof. S. Murugesan
Nucleus Member
Pilani Campus

Varun Singh Dewal
Manager, Operations

Atul Sankaw
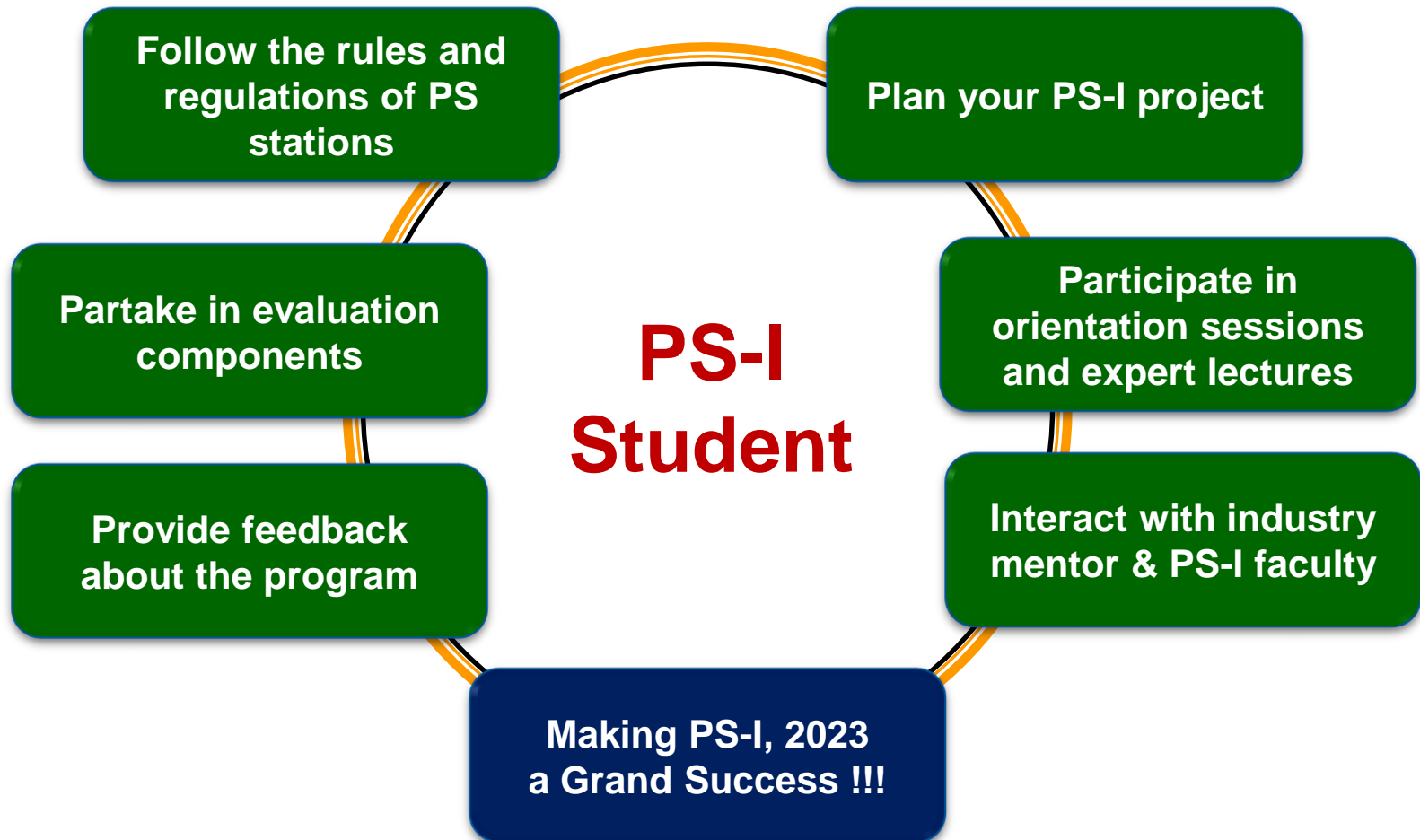Manager, Goa Campus

Hima Bindu G
Hyderabad Campus

- **Practice School is an University-wide operation**

- **University-wide contribution by each Associate Dean and nucleus members**

PS-I: Helpline

- Instruction & Monitoring Cell, Hyderabad Campus:

  - **88866 18985**

  - **im.psd@hyderabad.bits-pilani.ac.in**

Duties of PS-I Student

Follow the rules and regulations of PS stations

Plan your PS-I project

Partake in evaluation components

PS-I Student

Participate in orientation sessions and expert lectures

Provide feedback about the program

Interact with industry mentor & PS-I faculty

Making PS-I, 2023 a Grand Success !!!

Thank you