

PSG INSTITUTE OF TECHNOLOGY AND APPLIED RESEARCH

Neelambur, Coimbatore – 641 062

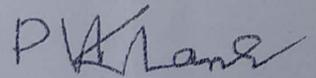
Dt: 23.12.2019

CIRCULAR

It is hereby informed that a meeting of HoDs (Engg. and Science departments) is scheduled today (23rd December 2019) by 11.00 am at Board Room. All HoDs are requested to attend the above meeting.

Agenda of the meeting:

1. ISTE Convention review meeting
2. Research review meeting
3. Research centre recognition for Physics Department
4. PASCO - Experimental Learning Lab Inauguration
5. Industry – Institute Interaction – Dr D Elangovan, Prof (Mech Engg.)
6. Civil Dept.- One Day Workshop on Q-GIS
7. Service Register
8. NBA data
 - ✓ Final year students working beyond office hours
 - ✓ Biometric attendance for final years
 - ✓ Department Library Utilization
9. PSG iTech Dialogue - Events
10. Criteria 7 (Sample Data)
11. Any other matter



P.V. PRINCIPAL

Copy to:

Vice Principal
Dean – Research (Electrical Sciences)
All HoDs
Dr R Ramesh
Dr D Elangovan
Dr M Devasena
Dr K Balaji
Dr G Rajeshkumar
Mr P Balakumar
Mr K Sakthiprasanth
Day file



NBA-IQAC Meeting

Criterion 7 Continuous Improvement

Faculty In-Charge:

Mr. R. Rajkumar- Assistant Professor (Senior Grade)-Civil
Dr. V. C. Maha Vishnu Assistant Professor (Senior Grade)-CSE
Mr. M. Sathiyathan- Assistant Professor (Senior Grade)-EEE
Mr. A. Anand Assistant Professor (Senior Grade)-ECE
Mr. S. Nanthakumar Assistant Professor (Senior Grade)-Mechanical

7.1.(a) List of POs/PSOs with attainment level less than Target Level (Refer 3.3.2)

PO4- Conduct investigations of complex problems: Use research-based knowledge and research methods including design of experiments, analysis and interpretation of data, and synthesis of the information to provide valid conclusions for complex problems

Sample planned actions

- Focused student-Projects in available Research Labs in the Department.
- Lectures related to Design of Experiments to be conducted to students.
- Design Thinking workshops to be organized for faculty and students.
- Research Seed Money utilization by faculty through projects by students.
- Joint research publications by UG students and Faculty pursuing research.

PO6-The Engineer and society: Apply reasoning informed by the contextual knowledge to assess societal, health, safety, legal and cultural issues and the consequent responsibilities relevant to the professional engineering practice.

Identification of socially relevant issues

- NSS (five villages adopted)
- IIT-Kanpur-sample projects completed (Booklet available with Dr.Chinnaraj)
- Mini projects completed by students, Exhibition of (Hackathon, L&T Tech GM, e-Yantra, Texas, TNSCST, EV-Development, 5G Projects) student innovation projects.

(Could not be directly accounted in PO attainment calculation; In future, it will be accounted for through indirect attainment of POs)

Health

- **1st year students-** Health check-up and Food Habit recommendations were given through YRC together with a standard package of Physical Exercises (Yoga as a part of Induction Programme and Physical Education).
- **Girls Students-** through Wellness Centre visiting Simulation Lab in PSGIMSR to study issue related to Gynecology.
- All 1st year students go through Psychological counseling (through "Wellness Centre").

Cultural Issues

- **An awareness program** for senior faculty was conducted on the topic "Fulfillment in Education and Life" by Dr.Devdas Menon-Professor, IIT, Madras
- **Universal Human Values Programmes** conducted to 1st year students
- **Women Empowerment activities** through "Women Empowerment Cell"
- **Other Activities**
 - i) Cooking club
 - ii) Joy of Giving Week
 - iii) English Literary club activities
 - iv) Self-Inquiry club activities

Sample actions taken for the POs which fall short of targets

Gaps in the Curriculum

7.1.(b) General Gaps in the Curriculum

- Focus is primarily on left brain activities.
Example: Analytics, Procedures, memory based evaluation; opportunities for training based on right brain activities like Arts, Philosophy, Creativity and Innovation can be increased.
- The curriculum emphasis more on conceptual learning aspect: There is scope for increasing the experiential learning component through hands-on-training
- The seriousness of curriculum delivery and appreciation by students can be increased by increasing the CA component from the present 20% to 60% with full autonomy and empowerment of faculty to decide the instruments of evaluation.

Gaps in Curriculum in core subjects :- Department-wise (to be prepared)

-
-
-

To be communicated to Anna University and records maintain

Implementation strategies

7.1.(c) Implementation strategies - Actions Planned

Strategy Planned	Tentative Date(s)	Expert Identified	Faculty Responsible	Remarks
1. Design Thinking Workshop				
2. Taguchi's Design of Experiments				
3.				
4.				

Copy to:
Vice Principal
Dean (Research-Electrical Sciences)
All HoDs
Faculty concerned

PRINCIPAL