

EVALUATOR PROGRAMME SUMMARY

INSTITUTE NAME: PSR Engineering College, Sevalpatti
PROGRAMME : UG Programme in Civil Engineering
VISIT DATE : 19 to 21st August, 2016

1. OVERVIEW

The visiting team of National Board of Accreditation (NBA) conducted a three day accreditation visit to PSR Engineering College, Sevalpatti-626140, Tamil Nadu to evaluate Diploma/UG/PG programme in Civil Engg. from 19-21st August 2016 to _____. The programme of B.E. in Civil Engg. offered in Dept of Civil Engg. A Day 0 meeting was held on 18/8/16 at 9 pm to exchange of findings among evaluation team members, based on review of Self-Assessment Report (SAR) submitted by College and the pre-visit evaluation reports. During the Day 0 meeting, a list of queries was consolidated to seek further clarification and understanding on the programme in addition to the discussion of identified common issues to all programmes.

During the visit, the visiting team met with Head of the Institution/Dean Prof. B. G. Vishnyram, Principal. The briefing on the institution was given by Principal and on the programme was given by the respective Head of the Department/Programme Coordinator. The respective programme evaluators also visited the various facilities of Institute / Dept. of the programme. Apart from comprehensive review of documental evidences pertaining to various accreditation criteria, the visiting team also held meeting and interviews with all the stakeholders such as faculty, staff members, alumni, employers, parents and students.

The Programme Evaluation Team found a number of deficiencies, related primarily to non-compliance with criteria rule and _____. Further, there are significant weaknesses in criteria 1, 2, 5 and 05.

2. GENERAL INFORMATION

The UG Civil Engg. was first started in 2009. The programme is offered as a full-time programme for four years duration for applicants with 10+2 qualification _____. The total number of students in the programme is 138. The total number of faculty members with the programme is 22. The programme is UG Civil Engg.

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3. GENERAL OBSERVATIONS

Criterion 1: Vision, Mission and Programme Educational Objectives

Vision and Mission Statements
were in place and well displayed

PEOs process needs to be
developed

Criterion 2: Programme Outcomes

Programme outcome display was
done as per Graduate attributes

There was no continuum for
process of attainment of POs
& its analysis.

Sumit

Criterion 3: Programme Curriculum

Program Curriculum was as per Anna University guidelines.

There is need to revise for updating Curriculum as per need of Pos & PEOs.

Criterion 4: Students' Performance

Students were Sincere and well dressed.

There is need for confidence building for interaction & presentations to students by evolving proper mechanism for mentoring.

Annex

Criterion 5: Faculty Contributions

Young faculty members were showing enthusiasm in working for administrative & delivering lectures.

there is need for quality publications and R&D with more consultancy work.

Criterion 6: Facilities and Technical Support

Building & class room infrastructure was good

there is more requirement for non teaching staff and separate laboratories like transportation and computer.

Sumit

Criterion 7: Academic Support Units and Teaching-Learning Process

Basic Science ^{Teaching} class
room infra was good
more Projectors (LCD)
required for Power Point
presentations
feedback and training
& placement requires
more focus.

Criterion 8: Governance, Institutional Support and Financial Resources

Management / BOB was with
positive attitude to help
the students.
more focus and budget
is required for library
and Hazardous Waste
management.

Gurus

Criterion 9: Continuous Improvement

Faculty is young so more
scope for growth of institution

There is requirement for continuous
improvement in PO, and PEO,
attainment and its
analysis.

4. AREAS FOR IMPROVEMENTS

R & D needs focus
consultancy is required to increase
proper ~~reim~~ salaries and procedures
for promotion required
laboratory space and
storage of material rooms
required to increase
industry institute and EDC needs
focus.

Signature

5. ACKNOWLEDGEMENT

The NBA Evaluation Team would like to thank institute for their cooperation for smooth conducting of evaluation.

6. PROGRAMME EVALUATION FORM

The observations of the NBA Evaluation Team for consideration of the Programme relating to various criteria are contained in Appendix 1: Programme Evaluation worksheet A and Appendix 2: Programme Evaluation worksheet – B.

Sudhir Kumar
20/8/16
(SUDHIR KUMAR)

PROGRAMME EVALUATION WORKSHEET – PART A

INSTITUTION

Name of institution/university	PSR Engineering College Servalpatti
Address with Phone and email	Servalpatti - 626140 Tamil Nadu Pin 62-239178 Principal psr.edu.in
Name of affiliating university (if applicable)	Anna University

PROGRAMME FOR ACCREDITATION

Name of the programme (as it appears on graduate's certificate)	B.E C Civil Engineering
Abbreviation of Programme	BE
Name of the Department/School	Civil Engineering
Year of starting of the programme	2009
Expiry date of last accreditation (if applicable)	- NA -


EVALUATION TEAM

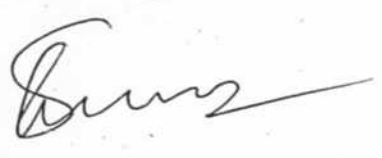
Name, designation and affiliation of Visiting Team Chairperson	Prof. B. S. Dani Emeritus Professor DEPT. of CIVIL Engrg, IIT Bombay
Name, designation and affiliation of Programme Evaluator 1	SUDHIR KUMAR Professor, CIVIL Engrg MNIT Jaipur-302017
Name, designation and affiliation of Programme Evaluator 2	_____
Dates of the present accreditation visit	19-21 August, 2016

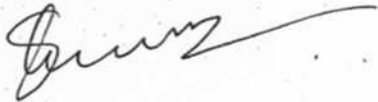
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For all accreditation criteria, the findings shall be 'Y' Compliance, 'C' Concern, 'W' Weakness and 'D' Deficiency. No cells are to be left blank. Justification is required for 'C' Concern, 'W' Weakness and 'D' Deficiency. Please provide the justification below the table.

CRITERION-1 VISION, MISSION AND PROGRAMME EDUCATIONAL OBJECTIVES	COMPLIANCE	OBSERVATION AND REMARKS FOR NON- COMPLIANCE
The published PEOs should reflect the professional and career accomplishments of graduates and be in line with the mission	Y	
Administrative system should be in place to monitor the process of attaining PEOs	W	Active role is not reflected.
There should be documented process to assess the attainment of PEOs	W	lacking proper documentation
Published PEOs must be achieved through the attainment of POs	W	attainment process is not well understood
There must be a documented and effective process for the periodic review and revision of these PEOs	W	Process for redefining is not in place
<p style="text-align: center;"><i>Emmy</i></p>		

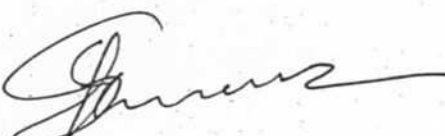
CRITERION-2 PROGRAMME OUTCOMES	COMPLIANCE	OBSERVATION AND REMARKS FOR NON- COMPLIANCE
There must be a documented process in place to measure the attainment of defined POs	W	lack of defining process
The defined COs must contribute to the attainment of POs	C	correlation is not in continuing
Attainment of defined POs with respect to the Graduate Attributes (GAs) of NBA		
1. Engineering Knowledge	Y	
2. Problem Analysis	Y	
3. Design/development of solutions	Y	
4. Conduct investigations of complex problems	Y	
5. Modern tool usage	Y	
6. The engineer and society	Y	
7. Environment and sustainability	Y	
8. Ethics	Y	
9. Individual and team work	Y	
10. Communication	Y	
11. Project management and finance	Y	
12. Life-long learning	Y	
Appropriate content delivery and assessment methods/tools should be employed in attainment of POs	W	Assessment tools are not documented
Curricular delivery and assessment methods should be amended based on the attainment of POs	D	Not Practiced
Each PO must contribute significantly to achieve at least one of the PEOs	Y	
There must be a documented and effective process for the periodic review and revisions of these POs	W	documentation is not effective
		

CRITERION-3 PROGRAMME CURRICULUM	COMPLIANCE	OBSERVATION AND REMARKS FOR NON- COMPLIANCE
The structured curriculum must address programme specific criteria	Y	
Components of the curriculum must sufficiently address these defined POs/COs	Y	
Outcomes of the core engineering courses must help the graduate to acquire the professional competence, knowledge and skills.	Y	
The process must have the feature of justifying the requirements for improvement in courses, curriculum, content delivery and assessment methods	C	Process is not in Continuum
The programme must have the participation/involvement of relevant industries in content delivery and curriculum design.	N	needs improvement
		

CRITERION-4 STUDENT PERFORMANCE	COMPLIANCE	OBSERVATION AND REMARKS FOR NON- COMPLIANCE
Success rate, Academic performance, Placement and Higher Studies and Professional activities which include entrepreneurship initiative, product design, innovations etc., must be in consistent with attained POs and PEOs.	Y.	EDC and Publications need more focus
		

CRITERION-5 FACULTY CONTRIBUTIONS	COMPLIANCE	OBSERVATION AND REMARKS FOR NON- COMPLIANCE
Faculty strength, qualification, cadre and competencies must help the graduates to attain the defined COs and POs	LX	more Assoc. and Lacking Associate Professors
Research activities of faculty including consultancy and knowledge transfer must contribute for better content delivery and project work towards the attainment of COs and POs	C	more focus is required in consultancy & R & D.

[Signature]

CRITERION-6 FACILITIES AND TECHNICAL SUPPORT	COMPLIANCE	OBSERVATION AND REMARKS FOR NON- COMPLIANCE
Facilities provided to faculty and students including teaching aids, lecture halls, faculty rooms, engineering laboratories, equipment etc. and competent technical staff must be helpful to enhance and innovate the teaching – learning process towards the attainment of POs	C	more steel for laboratory required like transportation Engg & Independent rooms are required
		

CRITERION-7 ACADEMIC SUPPORT AND TEACHING AND LEARNING PROCESS	COMPLIANCE	OBSERVATION AND REMARKS FOR NON- COMPLIANCE
Academic support units such as basic science/engineering laboratories, language laboratory, etc., must fulfill the prerequisite of core and optional engineering courses.	Y	
Teaching learning process including tutorial classes, mentoring system, feedback analysis, scope for self-learning, career guidance etc., must be functionally in place to impart knowledge and inculcate skills and attitudes in relation to basic science, mathematics and engineering.	Y	



CRITERION-8 GOVERNANCE, INSTITUTIONAL SUPPORT AND FINANCIAL RESOURCES	COMPLIANCE	OBSERVATION AND REMARKS FOR NON- COMPLIANCE
Campus Infrastructure and other related facilities as library, internet, safety equipment's, counselling and emergency medical care facilities must satisfy the requirements of the programme	y	Counselling & medical care require more focus
Budget allocated and utilized must be adequate to run the programme and audited statements must be made available for stakeholders	c	Requirement ^{Budget} Proc. needs to be developed
Governing body, functional administrative structure, policies and procedures, decentralization of power, delegation of financial power, grievance redressal mechanism etc., must satisfy the requirements/norms of concerned regulatory authorities and helpful to progress towards vision.	y	
<div data-bbox="1002 902 1313 1149" style="text-align: right;"> <i>Annex</i> </div>		

CRITERION-9 CONTINUOUS IMPROVEMENT	COMPLIANCE	OBSERVATION AND REMARKS FOR NON- COMPLIANCE
Improvements/attainments in SI, API, STR, FQI, FRP etc., must be appreciable	y	
Efforts made by the faculty towards continuing education, new facility created and overcoming the shortcomings listed during the last accreditation/since the inception of the programme must be evident.	y	
