MENTOR'S REPORT FORM (1)

NAME OF MENTOR : Prof. P. A. Kulkarni

DATES OF MENTORING VISIT : 12th &13th April 2016

NAME OF INSTITUTION WITH LOCATION : Government College of Engineering, Vidyanagar, Karad. MAH – 415124

No.	SEVEN KEY ASPECTS	QUALITATIVE SUMMARY AND SUPPORTING EVIDENCE OF PROGRESS		PROGRESS SINCE PREVIOUS VISIT 17th & 18th November 2015		
		COMPONENT 1: IMPROVING THE QUALITY OF EDUCATION			
			Status on April 2016	Status at the time of previous visit	Targets for 4 years as per IDP
1.1	STRENGTHENING INSTITUTIONS TO IMPROVE LEARNING OUTCOMES AND EMPLYABILITY OF GRADUATES	*1.Improvement in Students Knowledge and Skills*			
		Share (percentage) of female students against total engineering students in all years			
		• Undergraduates	38.19*	38.19	
		• Postgraduates	9.89*	9.89	
		Students transition rate (percentage) from first year to second year of UG programs (clearing all subjects/ courses of 1st year in first attempt)	77.17%*	77.17%	* since exam summer 2016 is yet to be held, result of last exam winter 2015 is show
		Average scores (%) at passing-out			
		• Undergraduates	89.00%*	89.00%	
		• Postgraduates			
		No. of students enrolled in M Tech programs	91	91	

No.	SEVEN KEY ASPECTS	QUALITATIVE SUMMARY AND SUPPORTING EVIDENCE OF PROGRESS	PROGRESS SINCE PREVIOUS VISIT 17th & 18th November 2015	
		No. of Masters students enrolled with TEQIP teaching assistantship	26	14
		No. of PhD students enrolled with TEQIP research assistantship	Nil	Nil
		Percentage of faculty positions filled-in (as per AICTE/MHRD required Teacher-Student ratio):		
		• Regular	41.81%	41.81%
		• Regular + Contract	86.36%	86.36%
		Percentage of Faculty with B. Tech. enrolled for M. Tech. against total B. Tech. faculty	50%	50%
		Percentage of Faculty with M. Tech. enrolled for PhD in engineering against total M. Tech. faculty	Nil	Nil
		Percentage of regular faculty with Masters degree in engineering against total engineering faculty	89.00%	89.00%
		Percentage of regular faculty with PhD degree in engineering against total engineering faculty	23.91%	23.91%
		Number of faculty members attended pedagogical training	Nil	Nil

Capacity Development of Faculty:
- Recruitment of faculty
- Subject domain training
- Qualification up gradation
- Pedagogical Training
- E-enabled training
- Management development training
- Continuing Education Programme

No.	SEVEN KEY ASPECTS	QUALITATIVE SUMMARY AND SUPPORTING EVIDENCE OF PROGRESS	PROGRESS SINCE PREVIOUS VISIT 17th & 18th November 2015	PROGRESS
	Institutional reforms - Academic reforms - Non-academic reforms	Percentage of NBA accredited UG & PG programs including Applied-For cases, against total eligible programs	• Re-accreditation of 3 UG programs for two year • Fresh accreditation of 1UG and 1PG programs for 2 Year • SAR submitted for remaining 5PG program and NBA visit awaited	55.41 NBA Team has visited during 30-10-2015 To 01-11-2015 for 5 UG courses & the institute has applied for accreditation and SAR is uploaded for 6 PG courses
		Autonomous institution status concurred by UGC	YES	YES
		No. of academic programs i.e. M.Tech./ PhD etc. with industry	Nil	Nil
		No. of short term programs with industry	Nil	Nil
		Academic networking with other institutions (No.)	Nil	Nil
		ICT enabled learning (No. of programs/ courses)	NIL	Nil
		Curricula revised/restructured (No.)	BoS Meeting taken place	BoS Meeting taken place
		Total IRG	Rs. 36.58 Lakh (2015-16)	Rs. 43.43 lakh (2014-15)

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No.	SEVEN KEY ASPECTS	QUALITATIVE SUMMARY AND SUPPORTING EVIDENCE OF PROGRESS		PROGRESS SINCE PREVIOUS VISIT 17th & 18th November 2015	
	Enhance Access to Knowledge Resources *Improvement in Teaching Training and Learning facilities* - New PG programmes - Updation of learning resources - Equipment details - Modernization of Labs and class rooms	Laboratories: • New laboratory (Nos.) for new PG programs		06	Nil
		• New laboratory (Nos.) for existing PG programs		Nil	02
		• Existing laboratory (Nos.) modernized		06	01
		Library • Books (print) (Nos.)		56475	55756
		• e-books (Nos.)		2284	2284
		• Journals (print) (Nos.)		60	60
		• e-journals (Nos.)		2862	2862
		• Course specific softwares (Nos.)		----	----
		Membership of online journals/consortia (No.)		2862 (INDEST,IEEE,IESTC ASCE)	2862 (INDEST,IEEE,IESTC ASCE)
		No. of digitally/virtually accessible courses/subjects		4604	4604

QUALITATIVE SUMMARY AND SUPPORTING EVIDENCE OF PROGRESS

No.	SEVEN KEY ASPECTS		PROGRESS SINCE PREVIOUS VISIT 17th & 18th November 2015	
	Enhancement of Research & Development Activities *Promoting R&D culture in the Institution*	No. of Research publications in engineering in refereed journals:		
	- Modern R&D equipment	• Indian journals	04*	05
		• Foreign journals	18*	33
	- Conferences / Workshops organized attended	No. of Books Publication	05*	08
		No. of Patents obtained/ filed	Nil	7
	Improve Employability of Graduates *Improving competencies of graduates*	Campus placement percentage:		
		• Undergraduates	157* (2015-16)	174 (Year-2014-15)
	- Industrial collaboration	• Postgraduates		
	- Finishing School	Average annual salary (Rs. Lakh) of:		
	Industrial training	• Undergraduates	3.1	3.60
		• Postgraduates		3.80
		Share of UG students attended industrial internship (percentage)	55%	60%

No.	Component			
1.2	**SCALING UP POSTGRADUATE EDUCATION AND DEMAND-DRIVEN RESEARCH, DEVELOPMENT AND INNOVATION**		Not Applicable	Not Applicable
1.2.1	**ESTABLISHING CENTRES OF EXCELLENCE**	▪ Applicable for institution under TEQIP-II/1.2	Not Applicable	Not Applicable
1.3	**FACULTY DEVELOPMENT FOR EFFECTIVE TEACHING (PEDAGOGICAL TRAINING)**	▪ National Conference organized jointly by Civil Engg. Dept and Applied Mechanics Dept. 2 ▪ The institute has organized One week Teacher Orientation Program for newly joined teacher with participations of 32 teachers ▪ No. of faculty members attended STTP's, Workshops, Conf., FDP's is 37 ▪ Innovation Summit organized through Runanubandha on 27th Sept. 2014. Around 20 experts from various industries had delivered their sessions. ▪ The institute has organized 29 short term training program for faculty. Total 1453 faculty members have participated in the programs along with internal faculty members.	Not Applicable

COMPONENT 2: IMPROVING SYSTEM MANAGEMENT

2.1	**CAPACITY BUILDING TO STRENGTHEN MANAGEMENT**		▪ Nil	▪ Not Initiated
2.1.1	**IMPLEMENTATION OF GOOD INSTITUTIONAL GOVERNANCE**	▪ Good Governance Review Document Prepared with internal brainstorming, and duly approved by principal and chairman BoM ▪ Good Governance Institute Development Plan Document prepared with internal brainstorming, and duly approved by principal and chairman BoM which is submitted to NPIU/SPFU	▪ Citizen charter prepared and institute coming under RTI Act. ▪ Not Initiated

	Activities	Project Allocation (Rs. In Lakh)	Total Expenditure as on 29th Feb.2016 (Rs. In Lakh)	Expenditure for month 31st March 2016 (Rs. In Lakh)
2.2	**PROJECT MANAGEMENT, MONITORING AND EVALUATION**			
	Improvement for teaching, training & learning (Procurement) Strengthening laboratory, Class Room, Library etc.	550	469.95	471.98
	Providing teaching and research assistanceships	100	25.89	34.15
	Enhancement of R&D and Institutional consultancy activities	20	17.09	18.97
	Faculty and staff Development	100	62.60	78.99
	Enhanced Interaction with industry	40	12.17	14.03
	Institutional management capacity enhancement	30	9.45	9.45
	Implementation of Institutional academic reforms — Total	20	44.94	47.91
	Expenditure on Accreditation fee for NBA		20.91	20.91
	Expenditure incurred on Autonomous Institution status concurred by UGC		20.02	20.02
	Academic support to weak students — Total	40	69.80	70.20
	Expenditure on Students Transition from first year to second year of UG programmes (clearing all subjects / courses of 1st year in 1st attempt.)		50.22	50.62
	Other (Specify if material)	100	111.91	121.23
	Incremental operating cost	100	19.57	19.57
	Total	1000	823.84	866.95

- Data audit performed for Academic Years 2011-12, 2012-13 and 2013-14 on 29th April to 02nd May 2015, by Dr. P. B. Daigavane from GCOE, Avasari, Pune.
- Data audit performed for Academic Years 2014-15 Visit on 07 Sept 2015 by Dr.Achala Deshmukh from Sinhgad COE pune
- Mentor visit dt.17th & 18th November 2015
- Performance Audit performed by Dr. J. Srihari Rao on17th &18th November 2014

- Fifth & Sixth BOM Meeting conducted on dt. 29/01/2015 & dt.03/09/2015
- Seventh & Eight BOM Meeting conducted dt. 29/02/2016 & dt. 29/03/2016

▪ Overall achievements:

i) Institute MIS data completed for year 2010-11, 2011-12, 2012-13, 2013-14.2014-15

ii) Good Governance review template & Revised Institute development Plan has already submitted to SPFU and NPIU.

iii) Governance Guidelines Document has submitted to SPFU and NPIU.

iv) Completion of second round performance audit, data audit, finance audit for the year 2013-14.

iv) NBA accreditation-
- Re-accreditation of 3 UG programs for two year
- Fresh accreditation of 1UG and 1PG programs for 2 Year
- SAR submitted for remaining 5PG program and NBA visit awaited

v) Autonomous Status-

Shivaji University, Kolhapur issued the notification dated 26th August 2015 for conferring the autonomous status to Govt. College of Engineering, Karad for the period of six years from academic year 2015-2016 to 2020-2021

vi) Training organized for Class III and Class IV staff members at institutions premises.

vii) Computer hardware training program for supporting staff was organized for laboratory assistants with participation of 22 employees.

viii) New Computer lab is established. Around 150 computers are present in this lab with internet facility.

ix) New Auditorium room is established with seating capacity of 410 Nos.

Following activities were conducted under support to weaker students

A. Programme for Students

Sr. No.	Programme	No. of students	Class
01	Enhancing employability training	360	B.E. All Branches
02	Globarena Technologies	360	All Branches

MENTOR'S REPORT FORM (2)

NAME OF MENTOR:
DATES OF MENTORING VISIT:
NAME OF INSTITUTION WITH LOCATION:

No.	LIST OF INTERVIEWS	KEY DISCUSSION SUMMARY POINTS
1.	UNDERGRADUATE STUDENTS	Internships, shortage of teachers, soft skill training, bandwidth availability, exposure to Industry etc.
2.	POSTGRADUATE STUDENTS	Same as above.
3.	FACULTY	Insufficient number of staff, training of teachers, well trained supporting staff, etc.
4.	STAFF	Did not meet staff.
5.	SENIOR MANAGEMENT	See 8 below.
6.	MEMBERS OF THE GOVERNING BODY	Could not meet.
7.	INDUSTRY REPRESENTATIVES	Could not meet
8.	HEAD OF THE INSTITUTION	Interaction with Industry, enhancement of R & D activities, training of teachers and staff, modernization of curriculam, etc.

MENTOR'S REPORT FORM (3)

NAME OF MENTOR:

DATES OF MENTORING VISIT:

NAME OF INSTITUTION WITH LOCATION:

No.	RECORD OF KEY POINTS (Discussed with Head of the Institution, Chair of the Governing Body)	INSTITUTIONAL RESPONSE	NOTE OF ANY FOLLOW-UP NEEDED BY MENTORS, SPFU, NPIU
1.	Training of teachers and supporting staff about the operation/working of all additions to each dept.	HOI and HODs agreed to put in efforts in this regard.	
2.	Supervised industry exposure to students.	-----do-----	
3.	Enhancement of R & D activities.	-----do-----	
4	Counseling teachers for III and R&D activities regularly	-----do-----	
5.	Recruiting regular teachers and staff	-----do-----	Pl. prevail on the Govt of Mah to speed up the process of recruitment and also to delegate this task to the BOG of the Institute.