

2.2.1 Methodologies to assess the learning levels of the students

Index

Sr. No	Content	Page No
1	Guidelines for identifying Advanced Learners(bright students)	2
2	Sample reports of activities conducted for Advanced Learners: i) Discussion on advanced topic	3
	ii) Special Training programs	5
	iii) Online GATE test	7
	iv) Guidance for GATE/ Competitive exam	8
3	Guidelines for identifying Slow Learners	11
4	Measures taken for improving academic performance Of Slow Learners	11
5	Sample reports of Measures taken for Slow Learners: i) Remedial Classes	12
	ii) Individual academic counseling	13
	iii) Help Desk	14
	iv) Study Groups	15
	v) Measures taken in subject Electrical Drives and their Controls	17

Guidelines for identifying Advanced Learners (bright students):

- Advanced Learners (bright students) are those students who are ahead on the learning curve and require advanced technical know-how.
- Advanced learners are identified based on the performance in University Examination of previous semester and internal examinations.

Following Special activities are conducted for Advanced Learners:

- i) Guiding for career planning.
- ii) Discussion or seminar on the advanced topic
- iii) Guiding and encouraging to communicate research papers in conferences/Journals
- iv) Guiding the students for GATE/Competitive Examinations.
- v) Training programs for gaining advanced technical know-how.
- vi) Encouraging to participate in various symposiums like quiz, poster presentation, Conferences, inter institution competition etc.


i) Discussion on advanced topic

Priya darshini College of engineering, Nagpur

DEPARTMENT OF MECHANICAL ENGINEERING

SESSION - 2017-18

Name of Activity	Discussion on latest topic / research topic in faculty cabin / library (Bright Student Activity)
Date	10/08/17
Venue	Faculty cabin.
Organized by	Mechanical Engg. Department.
Name of Faculty	P. P. Shikhpurkar.
Participated by	Students of 'X' Sem. 'A'.
Content	Advanced Pressure measuring instruments. Subject: MMM.
Objective	To motivate students to get involved in subject related research topic / latest topic.
Outcome of Activity	Students get acquainted with the subject based research / latest topic.


P. P. Shikhpurkar.
Name and Signature of Faculty


HOD/ME
Department of Mechanical Engg
Priya Darshini College of Engg
Nagpur-18

PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR-19
DEPARTMENT OF MECHANICAL ENGINEERING

Session: 2017-18

Date: 10/08/17

V A Bright Students

Sr. no.	Roll. No.	Name of Students	Signature
1.	101	Aadarsh Avinash Sharma	AB
2.	129	Dnyanesh Limdeo Hawelkar	AB
3.	118	Avinash Gopalshankar Mandal	G. Mandal
4.	112	Divyansh Deepak Sharma	P. Divyansh Sharma
5.	116	Aniket Vijay Junghare	AB
6.	136	Teena Ramesh Sheware	T.R. Sheware
7.	140	Prajakta Arvind Dange	P. Arvind
8.	105	Akshay Chandrakant Hudke	A. Hudke
9.	131	Vaibhav Luxman Narnaware	AB
10.	108	Harshal Motiram Zade	AB
11.	141	Rishabh Sushil Meshram	AB
12.	115	Yugal Ishwar Sonkusare	Y. Sonkusare
13.	165	Sameer Girdhar Sontakke	S.G. Sontakke
14.	135	Akshay Wasudeo Patil	AB
15.	103	Vikky Krishna Lokhande	V. Lokhande
16.	126	Swagnil Krishna Dhapodkar	AB
17.	160	Vishal Budheshwar Telang	V. S. Telang
18.	139	Rohan Dilip Umathe	R. Umathe
19.	159	Abhishek Shriram Lanjewar	AB
20.	125	Tushar Shriram Thore	T. Thore
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

Vikky

ii) Special Training programs

Priya darshini College of engineering, nag Pur	
DEPARTMENT OF MECHANICAL ENGINEERING	
ONE PAGE REPORT	
Title	One page report on "Training Program"
Name of Activity	Training Program on Design and Analysis Software
Date	07/08/2017
Venue	Room no. 203, CAD Lab, Mechanical Engineering Department, PCE, Nagpur
Organized by	Department of Mechanical Engineering, PCE, Nagpur
Name of Expert	Prof. A.S. Nilewar Assistant Professor, PCE, Nagpur
Participated by	Students of 7 th Sem Mechanical Engineering
Activity In-charge	Dr. I.A. Khan, Prof. A.S. Nilewar, Prof. N.S. Sawarkar
Content	The program consist of : 1. Myths of Creo Parametric 3.0 2. Basics of Creo Parametric 3.0 3. Sketcher (2-D Modeling) 4. Part Modeling (3-D Modeling) 5. Assembly 6. Drafting
Objective	The objectives of the program was: 1. To create awareness and motivate students for design tools. 2. Understanding the students opinion about the career in Design field. 3. Clarifying the Myths regarding design and analysis software.
Outcome of Activity	1. Students get the idea about making career as a design engineer. 2. Students get aware about design and analysis software. 3. Students are able to create models in the software


 A.S. Nilewar
 Name & Signature of faculty


 HOD, ME
 Professor & Head
 Department of Mechanical Engg
 Priyadarshini College of Engg
 Nagpur-19

PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR-19

DEPARTMENT OF MECHANICAL ENGINEERING

Session: 2017-18

Date: 07/08/2017

V A Bright Students

Sr. no.	Roll. No.	Name of Students	Signature
1.	101	Aadarsh Avinash Sharma	AS
2.	129	Dnyanesh Limdeo Hawelkar	Dnyanesh
3.	118	Avinash Gopalshankar Mandal	A Mandal
4.	112	Divyansh Deepak Sharma	T. D. Sharma
5.	116	Aniket Vijay Jungare	Aniket
6.	136	Teena Ramesh Sheware	T. R. Sheware
7.	140	Prajakta Arvind Dange	Prajakta
8.	105	Akshay Chandrakant Hudke	Ashudke
9.	131	Vaibhav Laxman Narnaware	AS
10.	108	Harshal Motiram Zade	AS
11.	141	Rishabh Sushil Meshram	AS
12.	115	Yugal Ishwar Sonkusare	Yugal
13.	165	Sameer Girdhar Sontakke	Sh. Sontakke
14.	135	Akshay Wasudeo Patil	AS
15.	103	Vikky Krishna Lokhande	Vikky
16.	126	Swapnil Krishna Dhapodkar	AS
17.	160	Vishal Budheshwar Telang	V. S. Telang
18.	139	Rohan Dilip Umathe	Rohan
19.	159	Abhishek Shriram Lanjewar	AS
20.	125	Tushar Shriram Thote	Tushar
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

(Handwritten signature)

(Handwritten signature)

Professor & Head
Department of Mechanical Engg
Priyadarshini College of Engg
Nagpur-19

iii) Online GATE test

Department: Electrical Engineering

Event: online test for GATE 2018.

Speaker: Mr.Milind Bhurewar centre Manager GATE FORUMNagpur

Venue: computer center 1&2, Electrical Engineering Department.

Date: 08/09/2017


Participants: 31 Students of VII Semester Section A&B.

Event Co-ordinator: Mr.S.K.Singh

Objective / Purpose: To make the students know GATE 2018.

1. Benefit of GATE2018.
2. How to write online test.




H.O.D.
Electrical Engineering
Priyadarshini College of Engineering
Nagpur

iv) Guidance for GATE/ Competitive exam

Priyadarshini College of engineering, Nagpur


DEPARTMENT OF MECHANICAL ENGINEERING

SESSION - 2017-18

Name of Activity	Discussion on GATE / ESE / Competitive exams in class room (Bright Student Activity)
Date	27/07/17
Venue	classroom
Organized by	Mechanical Engg. Department
Name of Faculty	P. P. Shirpurkar
Participated by	Students of IV Sem. 'A'
Content	Power measuring instruments. Subject: MMM.
Objective	To make students aware about the topic discussed for competitive exams.
Outcome of Activity	Students get aware about the patterns of competitive exams based on subject topic.


P. P. Shirpurkar.

Name and Signature of Faculty


HOD ME
Professor & Head
Department of Mechanical Engg.
Priyadarshini College of Engg
Nagpur-19

PRIYADARSHINI COLLEGE OF ENGINEERING, NAGPUR-19

DEPARTMENT OF MECHANICAL ENGINEERING

Session: 2017-18

Date: 27/07/17

V A Bright Students

Sr. no.	Roll. No.	Name of Students	Signature
1.	101	Aadarsh Avinash Sharma	
2.	129	Dnyanesh Limdeo Hawelkar	Dnyanesh
3.	118	Avinash Gopalshankar Mandal	Avinash Mandal
4.	112	Divyansh Deepak Sharma	Divyansh Sharma
5.	116	Aniket Vijay Junghare	Aniket
6.	136	Toena Ramesh Sheware	
7.	140	Prajakta Arvind Dange	Prajakta Dange
8.	105	Akshay Chandrakant Hudke	Akshay Hudke
9.	131	Vaibhav Laxman Narnaware	
10.	108	Harshal Motiram Zade	
11.	141	Rishabh Sushil Meshram	
12.	115	Yugal Ishwar Sonkusare	Yugal
13.	165	Sameer Girdhar Sontakke	Sameer Sontakke
14.	135	Akshay Wasudeo Patil	
15.	103	Vikky Krushna Lokhande	Vikky
16.	126	Swapnil Krishna Dhapodkar	
17.	160	Vishal Budheshwar Telang	Vishal Telang
18.	139	Rohan Dilip Umathe	Rohan
19.	159	Abhishek Shiram Lanjewar	Abhishek
20.	125	Tushar Shiram Thote	Tushar
21.			
22.			
23.			
24.			
25.			
26.			
27.			
28.			
29.			
30.			

(Handwritten signature)

(Handwritten signature)
 Professor & Head
 Department of Mechanical Engg
 Priyadarshini College of Engg
 Nagpur-19

Guidelines for slow learner (Weak Students):

- The connotation of academically slow learner (Weak Students) means those who could not keep pace with the classroom teaching needs extra attention so as to bring such students at par with the rest of the students of the class.
- Slow learners are identified based on their performance in University Examination of previous semester and internal examinations.

Measures taken for improving academic performance of these students


- (i) Remedial/Extra classes are conducted with appropriate focus on the subject/topic codes in which the students are found to be slow learners
- (ii) Individual academic counseling is done by concerned subject teacher.
- (iii) Student helpdesk.
- (iv) Students study groups are formed for peer-to-peer learning.
- (v) Personal counseling is done through mentoring (Teacher guardian) scheme which takes care of the students mentors maintain the entire academic record of the student which is also conveyed to the parents time to time by the teacher guardian. Slow learners are counseled and motivated by the mentors.

i) Remedial Classes for slow Learners.

PRVAL JESR COLLEGE OF ENGINEERING NAGPUR
ELECTRONICS & TELECOMMUNICATION ENGINEERING
SCHEDULE FOR SUBJECT WISE ACADEMIC COUNSELING / REMEDIAL CLASSES

No. / 10/11/2016


Date	Day	Secs	10:30-12:30	12:30-2:30	2:30-4:30
10/11/16	THU	III Secs	ME	EDC	NT
		V Secs	AWP	NEED	EE
		VII Secs	DSPPA	EC	DCE/VSP
11/11/16	FRI	III Secs	ME	ODS	EMI
		V Secs	AWP	MPWC	ACD
		VII Secs	DCE/VSP	TV	ACSO
12/11/16	TUE	III Secs	EDC	NT	ME
		V Secs	ACD	RED	AWP
		VII Secs	DSPPA	EE	EE/VSP
16/11/16	WED	III Secs	EMI	ODS	ME
		V Secs	MPWC	AWP	EE
		VII Secs	TV	AIND	DSPPA
17/11/16	THU	III Secs	EDC	NT	ME
		V Secs	EE	ACD	EE/DS
		VII Secs	EC	DSPPA	DS/VSP
18/11/16	FRI	III Secs	EMI	ODS	EDC
		V Secs	EE	MPWC	EMI
		VII Secs	MPWC	TV	EC
19/11/16	SAT	III Secs	ODS	EMI	
		V Secs	AWP	MPWC	
		VII Secs	AIND	TV	



 Dr. (Mrs.) S. W. Varate
 HOD(EST)

ii) Individual academic counseling is done by concern subject teacher.

Priya darshini College of engineering, Nagpur
DEPARTMENT OF MECHANICAL ENGINEERING
SESSION - 2017-18

Name of Activity	Discussion of topic in faculty cabin / library / laboratory for clearing doubts (Weak Student Activity)	
Date	a) 02/08/18	b) 10/08/18
	a) 31/08/18	a)
Venue	Faculty cabin.	
Organized by	Mechanical Engg. Dept.	
Name of Faculty	P.P. Shirkurkate.	
Participated by	Students of V TH semester 'A'	
Content	a) Velocity Measurement	or shaft power measurement
	a) Torque Measurement subject: MMM.	a)
Objective	To clear doubts regarding the subject content discussed in regular class.	
Outcome of Activity	Student get confident & enriched with subject content by clearing their doubts.	


 P.P. Shirkurkate.
 Name and Signature of Faculty


HOD/ME
 Professor in Mech.
 Department of Mechanical Engg.
 Priya Darshini College of Engg.
 Nagpur-441118

iii) Help Desk

Department Organized: Applied Mathematics

Participated By: All the student of B.E. First Year

Venue: Department Of Applied Mathematics


Event: "Helpdesk"

Purpose: To make the students to interact with teachers & solve their subject related difficulties and to give them personal counseling.



Remarks/Conclusion:

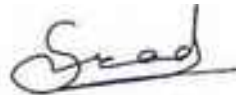
Helpdesk was successfully organized with interaction of students with the teachers.


Professor & Head
Department of Mechanical Engg
*rivedarshini College of Engg
Nagpur-19

iv) Study Groups

Priyadarshini College Of Engineering			
Department Of Electronics & Communication			
III Semester ET-A (2016-17) 000 SEM			
Study Group for EDC			
Sr.No.	Class Roll NO	Student Name	Group
1	102	Komal Kumbhe (L)	G-1
2	144	Seagnil Fale	
3	149	Suman Raj Ankari	
4	116	Ashwini Patte	
5	125	Rajesh Tyagi	
6	105	Arpit Chakole(L)	G-2
7	126	Pankaj Kairagode	
8	129	Nilan Faye	
9	132	Aishwarya Kapur	
10	104	Batula Bhekar	
11	106	Ankit Kumar Singh(L)	G-3
12	128	Pallavi Huske	
13	130	Minakshi Rautke	
14	110	Aditya Nemde	
15	120	Nilesha Raghore	
16	108	Ashishek Jale(L)	G-4
17	100	Gjeal Keshh	
18	129	Megha Kedar	
19	131	Pragati Ware	
20	112	Ashutosh Birole	
21	111	Sapal Gajbhaye(L)	G-5
22	109	Mayur Gore	
23	121	Khanavi Khaikar	
24	107	Ratnakar Pandey	
25	100	Shivani Mohile	
26	113	Shivan Kale(L)	G-6
27	143	Saneen Ali	
28	134	Shubhan Srivastava	
29	133	Nikita Taje	
30	114	Sandeep Pingre	
31	118	Vaishnavi Saive(L)	G-7
32	145	Vikash Kumar	
33		Shubhada Bhosle	
34		Vaishali Akare	

35	146	Niraj Kumar	G-8
36	119	Sakshi Ganvir(L)	
37	117	Shreya Dhande	
38	137	Pooja Kirnake	
39	140	Mayan Kumar	
40		Mitali Bowankule	G-9
41	122	Nikita Khadgi(L)	
42	138	Karishma Dhavi Jay	
43	141	Sameer Bhujade	
44	123	Nisha Wath	
45	124	Shriya Chaware(L)	G-10
46	115	Kaivalya Mendhi	
47	126	Deepali Kadukar	
48	148	Utsav Verma	
49	151	Devyani Kamale(L)	
50		Pooja Borkar	G-11
51		Suraj Datta	
52		Isha Ninawe	



Dr. (Mrs.) S. W. Varade

HOD(ETC)

INITIATIVES TAKEN TO IMPROVE THE PERFORMANCE OF WEAK STUDENTS

Subject: Electrical Drives and their Controls Semester:VI Section:A

Subject Code:BEELE603T

The following efforts were taken to improve the quality of weak students:

- i) Basics of the subjects were cleared through remedial classes.
- ii) Notes on important topics were provided.
- iii) Theoretical portions were explained through presentations.



R.A. Keswani

Ms.R.A.Keswani
Subject Teacher

Pradyumn
H.O.D.
Electrical Engineering
Priyadarshini College of Engineering
Nagpur