M.Tech

VAAGESWARI COLLEGE OF ENGINEERING

Beside L.M.D Police Station, Ramakrishna Colony, Thimmapur, Karimnagar
(Approved by AICTE New Delhi & Affiliated to JNTU Hyderabad)

2.2.1 The institution assesses the learning levels of the students and organizes special Programs for advanced learners and slow learners

College has a well-established counseling system/mentorship system in place. Students are assigne to, identified faculty who act as their mentors/counselors. They conduct regular meetings with the student mentees to monitor their academic progress. A student scoring less than 40% marks in 3 more subjects in internals and having less than 75% attendance in considered as an academically slo learner. Counselors keep a close eye on these students and keep their parents informed about the performance.

Table: Identification criteria of slow learners and action taken

Identification Criteria	Actions taken
Students scoring less than 40% of marks in Internal Assessment.	1. Faculty counselors follow the progress o the students regularly advising them abou attending classes making up for misse classes and getting additional help. 2. Intimating parents to counsel their wards. 3. Conduction of remedial classes.
Students who fail in semester exams.	Conduction of extra classes to those who failed i previous semester subjects.

The figure below demonstrates that the class teacher continuously keeps track of the academic performance of the students and identifies those who have poor academic performance or are slow learners. Mentors get engage with such students and assist them by helping incompletion of assignments and arranging extra and remedial classes for them. In case of Advance learners, faculty encourages and motivates them to perform better in academics as well as provides them different platforms for their professional development.

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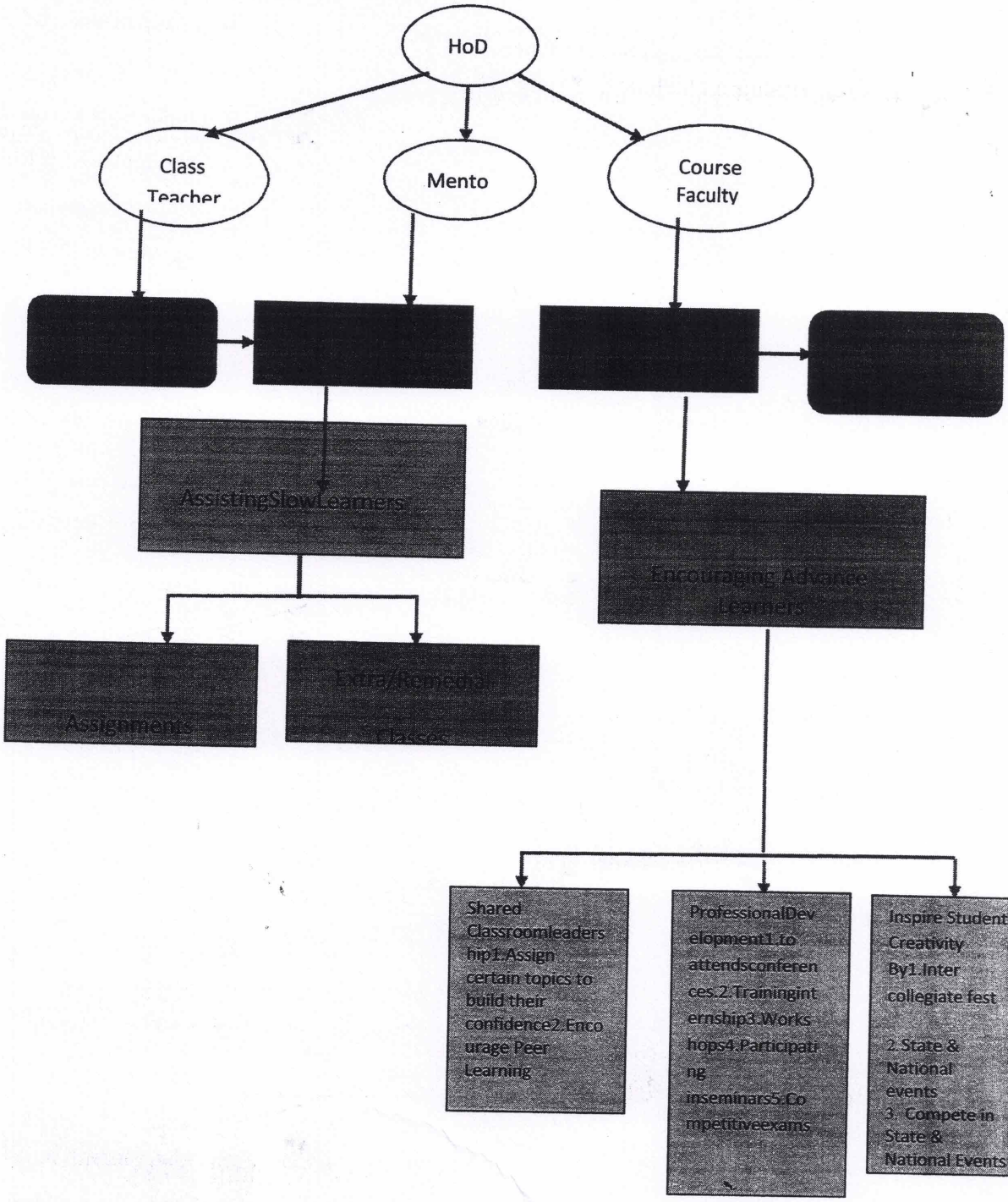

Methodologies to assess the learning levels of the students

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INDEX

Sl.No	Content	Page No
1	Guidelines for identifying Advanced Learners(bright students)	5
2	Sample reports of activities conducted for Advanced Learners: i) Discussion on advanced topic	5
	ii) Guidance for GATE/ Competitive exam	7
3	Guidelines for identifying Slow Learners	8
4	Measures taken for improving academic performance Of Slow Learners	8
5	Sample reports of Measures taken for Slow Learners: i) Remedial Classes	8
	ii) Individual academic counseling	9
	iii) Help Desk	10
	iv) Study Groups	11
	v)Initiatives Taken To Improve The Performance of Weak Students	12

1. **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 earners are identified based on the performance in University Examination of previous semester and internal examinations.

Following Special activities are conducted for Advanced Learners:

a) Guiding for career planning.
b) Discussion or seminar on the advanced topic
c) Guiding and encouraging to communicate research papers in conferences/Journals
d) Guiding the students for Competitive Examinations.
e) Training programs for gaining advanced technical know-how.
f) Encouraging to participate in various symposiums like quiz, poster presentation, Conferences, inter institution competition etc.

2. **Sample reports of activities conducted for Advanced Learners:**

i) Discussion on advanced topic

VAAGESWARI COLLEE OF ENGIENEERING
DEPARTMENT OF CSE
SESSION 2020-2021

Name of the Activity	Discussion of topic in faculty cabin/library/laboratory for clearing doubts (Bright Students Activity)
Date	01-03-2021
Venue	ZOOM MEETING
Department	CSE
Name of the faculty	Dr.Gulab singh
Participated by	Students of I year I semester
Topic	Advanced data structures
Objective	To motivate the students and get involved in subject related research topic/advanced areas.
Outcome of activity	Students get acquainted with the subject based on research/advanced areas.

Faculty Name: Dr.Gulab singh
Signature: Gulabsingh

Head of the Department

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VAAGESWARI COLLEE OF ENGIENEERING
DEPARTMENT OF CSE
SESSION 2020-2021

Date: 22-02-2021

Active Learner Students

Sl.No	Hall Ticket No	Name of the Student	Signature
1	20S41D5801	ALLI ANIL KUMAR	Anilkumar
2	20S41D5804	BUSA REVATHI	B. Revathi
3	20S41D5807	ENJAPURI RAVITEJA	
4	20S41D5810	GANDRA NEHA	Neha
5	20S41D5816	NANDAGIRI MANOGNYA	N. manognya
6	20S41D5821	VUYYALA YASHVITHA	V. yashvitha

Head of the Department

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ii) Guidance for Competitive exams

VAAGESWARI COLLEE OF ENGIENEERING
DEPARTMENT OF CSE
SESSION 2020-2021

Name of the Activity	Discussion of topic in faculty cabin/library/laboratory for clearing doubts (Bright Students Activity)
Date	09-03-2021
Venue	ZOOM MEETING
Department	CSE
Name of the faculty	Dr.V.Bapuji
Participated by	Students of III year I semester
Topic	Machine learning
Objective	To make Student Aware about topic discussed for competitive Exams.
Outcome of activity	Students get Aware about the pattern of competitive Exams based on subject topic.

Faculty Name: Dr.V.Bapuji
Signature:

Head of the Department

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3. **Guidelines for identifying slow learners (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.

4. **Measures taken for improving academic performance of these students**

1. Remedial/Extra classes are conducted with appropriate focus on the subject/topic codes in which the students are found to be slow learners
2. Individual academic counseling is done by concerned subject teacher.
3. Student helpdesk.
4. Students study groups are formed for peer-to-peer learning.
5. 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.

5. **Sample reports of Measures taken for Slow Learners:**

i) Remedial Classes for slow Learners.

SCHEDULE FOR SUBJECT WISE CONSOLIDATED REMEDIAL CLASSES

DAY	SUBJECT	YEAR	SEM	TIME
MONDAY	ADVANCED DATA STRUCURES	I	I	4:30-5:30
TUESDAY	MACHINE LEARNING	I	I	4:30-5:30
WEDNESDAY	CLOUD COMPUTING	I	I	4:30-5:30

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

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DEPARTMENT OF CSE
SESSION 2020-2021

Name of the Activity	Discussion of topic in faculty cabin/library/laboratory for clearing doubts (Week Students Activity
Date	15-03-2021
Venue	Zoom meeting
Department	CSE
Name of the faculty	Dr.Gulab singh
Participated by	I YEAR I SEM
Topic	Advanced data structures
Objective	To clear doubts preparing the subject topics and discussed in regular classes.
Outcome of activity	Students gain the confident and enriched with subject topic by clearing their doubts.

Faculty Name: Dr.Gulab singh
Signature:

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iii) Help Desk

Name of the Topic: Machine learning
Participated By: I YEAR I SEM
Venue: zoom meeting
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.

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iv) Study Groups

VAAGESWARI COLLEE OF ENGIENEERING
DEPARTMENT OF CSE
SESSION 2020-2021
Study Group of Subject: Advanced data structures

Sl.No	Hall Ticket No	Name of the Student	Group
1	20S41D5803	BOOSA RAMYA	G-1
2	20S41D5805	CHITKURI SOUJANYA	
3	20S41D5809	FAZIYA	
4	20S41D5811	IFROZE JAHAN	
5	20S41D5815	MERUGU SANGEETHA	G-2
6	20S41D5822	ZOHRA JABEEN	
7	20S41D5827	MULKALA PRADEEP	

Head of the Department

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v) Initiatives Taken To Improve the Performance of Weak Students

Subject: Advanced data structures
Semester: I Section: A

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.

Faculty Name: Dr.Gulab singh

Signature:

Head of the Department

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Methodologies to assess the learning levels of the students

INDEX

Sl.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	2
	ii) Guidance for GATE/ Competitive exam	4
3	Guidelines for identifying Slow Learners	5
4	Measures taken for improving academic performance Of Slow Learners	5
5	Sample reports of Measures taken for Slow Learners: i) Remedial Classes	5
	ii) Individual academic counseling	6
	iii) Help Desk	7
	iv) Study Groups	8
	v) Initiatives Taken To Improve The Performance Of Weak Students	9

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1. **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 earners are identified based on the performance in University Examination of previous semester and internal examinations.

Following Special activities are conducted for Advanced Learners:

a) Guiding for career planning.
b) Discussion or seminar on the advanced topic
c) Guiding and encouraging to communicate research papers in conferences/Journals
d) Guiding the students for Competitive Examinations.
e) Training programs for gaining advanced technical know-how.
f) Encouraging to participate in various symposiums like quiz, poster presentation, Conferences, inter institution competition etc.

2. **Sample reports of activities conducted for Advanced Learners:**

i) Discussion on advanced topic

VAAGESWARI COLLEE OF ENGIENEERING
DEPARTMENT OF CSE
SESSION 2020-2021

Name of the Activity	Discussion of topic in faculty cabin/library/laboratory for clearing doubts (Bright Students Activity)
Date	05-07-2021
Venue	ZOOM MEETING
Department	CSE
Name of the faculty	Dr.Gulab singh
Participated by	Students of II year II semester
Topic	Advanced computer architecture
Objective	To motivate the students and get involved in subject related research topic/advanced areas.
Outcome of activity	Students get acquainted with the subject based on research/advanced areas.

Faculty Name: Dr.Gulab singh
Signature:

Head of the Department

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VAAGESWARI COLLEE OF ENGIENEERING
DEPARTMENT OF CSE
SESSION 2020-2021

Date: 01-07-2021

Advanced Learner Students

Sl.No	Hall Ticket No	Name of the Student	Signature
1	20S41D5801	ALLI ANIL KUMAR	Anilkumar
2	20S41D5804	BUSA REVATHI	B. Revathi
3	20S41D5807	ENJAPURI RAVITEJA	E. Raviteja
4	20S41D5816	NANDAGIRI MANOGNYA	Manognya
5	20S41D5821	VUYYALA YASHVITHA	Yashvitha

Head of the Department

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ii) Guidance for Competitive exams

VAAGESWARI COLLEE OF ENGIENEERING
DEPARTMENT OF CSE
SESSION 2020-2021

Name of the Activity	Discussion of topic in faculty cabin/library/laboratory for clearing doubts (Bright Students Activity)
Date	12-07-2021
Venue	ZOOM MEETING
Department	CSE
Name of the faculty	Dr.V.Bapuji
Participated by	Students of I year II semester
Topic	Internet of things
Objective	To make Student Aware about topic discussed for competitive Exams.
Outcome of activity	Students get Aware about the pattern of competitive Exams based on subject topic.

Faculty Name: Dr.V.Bapuji
Signature:

Head of the Department

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3. Guidelines for identifying slow learners (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.

4. Measures taken for improving academic performance of these students

1. Remedial/Extra classes are conducted with appropriate focus on the subject/topic codes in which the students are found to be slow learners
2. Individual academic counseling is done by concerned subject teacher.
3. Student helpdesk.
4. Students study groups are formed for peer-to-peer learning.
5. 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.

5. Sample reports of Measures taken for Slow Learners:

i) Remedial Classes for slow Learners.

SCHEDULE FOR SUBJECT WISE CONSOLIDATED REMEDIAL CLASSES

DAY	SUBJECT	YEAR	SEM	TIME
MONDAY	ADVANCED COMPUTER ARCHITECTURE	I	II	4:30-5:30
TUESDAY	INTERNET OF THINGS	I	II	4:30-5:30
WEDNESDAY	ADVANCED COMPUTER NETWORKS	I	II	4:30-5:30

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

VAAGESWARI COLLEE OF ENGIENEERING
DEPARTMENT OF CSE
SESSION 2020-2021

Name of the Activity	Discussion of topic in faculty cabin/library/laboratory for clearing doubts (Week Students Activity
Date	19-07-2021
Venue	ZOOM MEETING
Department	CSE
Name of the faculty	Dr.Gulab singh
Participated by	Students of I year II semester
Topic	Advanced computer architecture
Objective	To clear doubts preparing the subject topics and discussed in regular classes.
Outcome of activity	Students gain the confident and enriched with subject topic by clearing their doubts.

Faculty Name: Dr.Gulab singh

Signature:

Head of the Department

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iii) Help Desk

Name of the Topic: Internet of things

Participated By: All the student of M.Tech CSE I Year II Sem
Venue: zoom meeting
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.

Head of the Department

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iv) Study Groups

VAAGESWARI COLLEE OF ENGIENEERING
DEPARTMENT OF CSE
SESSION 2020-2021
Study Group of Subject: Advanced computer architecture

Sl.No	Hall Ticket No	Name of the Student	Group
1	20S41D5803	BOOSA RAMYA	G-1
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4	20S41D5815	MERUGU SANGEETHA	G-2
5	20S41D5822	ZOHRA JABEEN	
6	20S41D5827	MULKALA PRADEEP	

Head of the Department

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v) Initiatives Taken To Improve the Performance of Weak Students

Subject: Advanced computer architecture
Semester :II Section: A

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.

Faculty Name: Dr.Gulab singh

Signature:

Head of the Department

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