



GOKARAJU RANGARAJU INSTITUTE OF ENGINEERING AND TECHNOLOGY

(Autonomous)

Bachupally, Kukatpally, Hyderabad- 500090



AICTE Margdarshan Online FDP on Preparation of NBA Self Assessment Report 19 to 24 July 2021

SUMMARY REPORT

GRIET conducted one week AICTE Margdarshan Online FDP on Preparation of NBA Self Assessment Report from 19-07-2021 to 24-07-2021 (6 days). Total there were 146 faculty participated from which 80 participants are from the 13 mentee institutions and 66 from GRIET. NBA criteria wise 12 sessions were conducted along with the session on stress management. Starting with Overview of NBA, Accreditation Process and Pre-qualifiers, Vision, Mission and Program Educational Objectives, Program Curriculum and Teaching – Learning Processes, Course Outcomes and Program Outcomes, Students Performance, Faculty Information and Contributions, Facilities and Technical Support, Continuous Improvement, Institute Level Criteria and documentation of NBA Files.



DAY-1 (19-07-2021)

SESSION-1

TOPIC: Vision, Mission and Program Educational Objectives

SPEAKER: Dr J N Murthy, Director, GRIET

Speaker focused on SAR Criterion 1 requirements, sub-criteria, guidelines & marks distribution and exhibits. Also understanding the nature of Vision, Mission, PEOs and awareness of consistency requirements between Institute and Department. Indicated where and how the Vision, Mission and PEOs are published and disseminated among stakeholders and defining them and to establish consistency of PEOs with Mission of the Department.

Speaker-1: Dr J N Murthy, Director, GRIET	
Description	Feedback (4)
How related and helpful it was for you?	3.92
How satisfied are you with the session content?	3.92
Is the presentation of the speaker being in a clear and organized manner?	3.95
Overall	3.93



DAY-1 (19-07-2021)
SESSION-2
TOPIC: Accreditation Process and Pre-qualifiers
SPEAKER: Dr J Sridevi, HoD, EEE, GRIET

Speaker discussed the process of accreditation which is grouped into four sequential stages i.e Initial Stage, Pre Assessment Stage, Assessment Stage, Post Assessment Stage. Also, discussed about NBA fee structure, Submission of Self-Assessment Report (SAR), Accreditation Visit, Assessment stages, Criteria and weightages, Commencement of Accreditation Period, etc.

Speaker-2: Dr J Sridevi, HoD, EEE, GRIET	
Description	Feedback (4)
How related and helpful it was for you?	3.84
How satisfied are you with the session content?	3.86
Is the presentation of the speaker being in a clear and organized manner?	3.84
Overall	3.85



DAY-2 (20-07-2021)
SESSION-3
TOPIC: Overview of NBA
SPEAKER: Dr J Praveen, Principal, GRIET

Speaker discussed in detail about graduate attributes, outcome based education, blooms taxonomy, benefits of NBA, impact of accreditation, accreditation visit, meetings, exhibits, institution specific documents, program specific documents, Professional Bodies & Student Clubs, etc.

Speaker-3: Dr J Praveen, Principal, GRIET	
Description	Feedback (4)
How related and helpful it was for you?	3.86
How satisfied are you with the session content?	3.85
Is the presentation of the speaker being in a clear and organized manner?	3.86
Overall	3.86



DAY-2 (20-07-2021)

SESSION-4

TOPIC: Program Curriculum and Teaching – Learning Processes

SPEAKER: Dr K Prasanna Lakshmi, HoD, IT, GRIET

Speaker discussed about program curriculum and teaching-learning processes. Focusing on various aspects like process to identify extent to which the curriculum addresses POs and PSOs, delivery details of content beyond the syllabus, process to improve quality of teaching learning, quality of end semester examination, internal semester question papers, assignments and evaluation, quality of student projects, initiatives related to industry interaction, initiatives related to industry internship/summer training, etc.

Speaker-4: Dr K Prasanna Lakshmi, HoD, IT, GRIET	
Description	Feedback (4)
How related and helpful it was for you?	3.88
How satisfied are you with the session content?	3.81
Is the presentation of the speaker being in a clear and organized manner?	3.87
Overall	3.85



DAY-3 (21-07-2021)

SESSION-5

TOPIC: Course Outcomes and Program Outcomes

SPEAKER: Dr C Lavanya, Dean FDP, GRIET

Speaker focused on program outcomes (PO), course outcomes (COs), blooms taxonomy, mapping COs & POs, methodology to find the attainment of COs, validation of CO attainment, process of calculating PO attainment, validation of PO attainment. Also focused on continuous improvement in teaching learning and in OBE system. Also, discussed about assessment tools and processes used for measuring the attainment of each Pos and PSOs.

Speaker-5: Dr C Lavanya, Dean FDP, GRIET	
Description	Feedback (4)
How related and helpful it was for you?	3.86
How satisfied are you with the session content?	3.88
Is the presentation of the speaker being in a clear and organized manner?	3.88
Overall	3.87



DAY-3 (21-07-2021)
SESSION-6
TOPIC: Students Performance
SPEAKER: Dr N Swetha, HoD, ECE, GRIET

Speaker focused on academic performance like enrollment ratio, success rate, academic performance index, placement and higher studies, professional activities, etc. Also discussed about academic performance with and without backlogs,etc.

Speaker-6: Dr N Swetha, HoD, ECE, GRIET	
Description	Feedback (4)
How related and helpful it was for you?	3.85
How satisfied are you with the session content?	3.84
Is the presentation of the speaker being in a clear and organized manner?	3.87
Overall	3.85



DAY-4 (22-07-2021)
SESSION-7
TOPIC: Faculty Information and Contributions
SPEAKER: Dr K Madhavi, HoD, CSE, GRIET

Speaker focused about faculty information and contributions. Discussed about student faculty ratio, faculty cadre proportion, faculty qualification, faculty retention, innovations by the faculty in teaching and learning, faculty as participants in FDP/training activities/STTP, research & development, faculty performance appraisal & development system, visiting/ adjunct/emeritus faculty, etc.

Speaker-7: Dr K Madhavi, HoD, CSE, GRIET	
Description	Feedback (4)
How related and helpful it was for you?	3.91
How satisfied are you with the session content?	3.88
Is the presentation of the speaker being in a clear and organized manner?	3.88
Overall	3.89



DAY-4 (22-07-2021)

SESSION-8

TOPIC: Facilities and Technical Support

SPEAKER: Dr V N Rama Devi, Dean Remedial School, GRIET

Speaker summarized about facilities and technical support. Focused on adequate and well-equipped laboratories and technical manpower, additional facilities created for improving the quality of learning experience in laboratories, laboratories maintenance and overall ambience, project laboratory, safety measures in laboratories, etc.

Speaker-8: Dr V N Rama Devi, Dean Remedial School, GRIET	
Description	Feedback (4)
How related and helpful it was for you?	3.90
How satisfied are you with the session content?	3.90
Is the presentation of the speaker being in a clear and organized manner?	3.87
Overall	3.89



DAY-5 (23-07-2021)

SESSION-9

TOPIC: Continuous Improvement

SPEAKER: Dr N Sateesh, HoD, MECH, GRIET

speaker focused on continuous improvement. Discussed about actions taken based on the results of evaluation of each of the POs & PSO, academic audit and action taken thereof during the period of assessment, improvement in placement, higher studies and entrepreneurship, improvement in the quality of students admitted to the program, etc.

Speaker-9: Dr N Sateesh, HoD, MECH, GRIET	
Description	Feedback (4)
How related and helpful it was for you?	3.86
How satisfied are you with the session content?	3.85
Is the presentation of the speaker being in a clear and organized manner?	3.85
Overall	3.85



DAY-5 (23-07-2021)

SESSION-10

TOPIC: Institute Level Criteria

SPEAKER: Prof P Gopala Krishna, Dean Publicity, GRIET

Speaker outlined about institute level criteria. Focused on first year academics, students support systems and governance, institutional support and financial resources, service and procedures, policies, etc.

Speaker-10: Prof P Gopala Krishna, Dean Publicity, GRIET	
Description	Feedback (4)
How related and helpful it was for you?	3.92
How satisfied are you with the session content?	3.90
Is the presentation of the speaker being in a clear and organized manner?	3.91
Overall	3.91



DAY-6 (24-07-2021)

SESSION-11

TOPIC: Documentation of NBA Files

SPEAKER: Dr Y Vijayalata, Dean, GPAAC, GRIET

Speaker focused on list of documents or the records to be prepared to support SAR, program specific institution specific day-wise visit schedule, etc. detailed explanation was given for program specific files of students, faculty, infrastructure / laboratories, curriculum development and also institution specific files

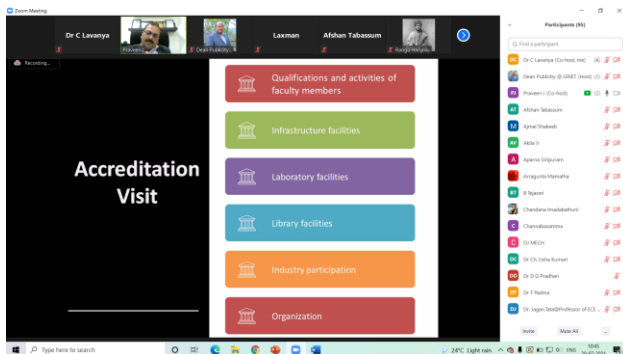
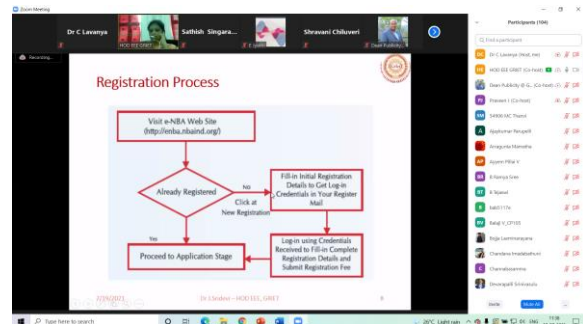
Speaker-11: Dr Y Vijayalata, Dean, GPAAC, GRIET	
Description	Feedback (4)
How related and helpful it was for you?	3.87
How satisfied are you with the session content?	3.87
Is the presentation of the speaker being in a clear and organized manner?	3.85
Overall	3.86



DAY-6 (24-07-2021)
SESSION-12
TOPIC: Stress Management
SPEAKER: Dr KVS Raju, Sr Administrative Officer, GRIET

Speaker discussed about stress origins & body systems, adaptation syndrome, symptoms, etc. Also focused on work stresses, job satisfaction, responsibility, relationships, good / bad changes, long / short term cost, causes of stress, identification and admission, coping strategies, etc.

Speaker-12: Dr KVS Raju, Sr Administrative Officer, GRIET	
Description	Feedback (4)
How related and helpful it was for you?	3.91
How satisfied are you with the session content?	3.91
Is the presentation of the speaker being in a clear and organized manner?	3.92
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Outcomes of this session.....

- Correlation between the Course Outcomes and the Program Outcomes & Program Specific Outcomes
- Attainment of Course Outcomes
- Attainment of Program Outcomes and Program Specific Outcomes

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4.4. Academic Performance in Second Year (15)

Academic Performance	CAY1 (2018-19)	CAY2 (2017-18)	CAY3 (2016-17)
Mean of CGPA or Mean Percentage of all successful students (X)	8.14	8.45	8.47
Total no. of successful students (Y)	357	356	339
Total no. of students appeared in the examination (Z)	360	357	352
API = $\frac{X}{Y} \times \frac{Y}{Z}$	8.07	8.42	8.15
Average API = $(API1 + API2 + API3)/3$			8.21

Academic Performance Level = 1.5 X 8.21 = 12.31

Student Faculty Ratio (SFR)

No. of Students = Sanctioned Intake + Actual Admitted Lateral Entry Students
(The above data to be provided considering all the UG and PG programs of the department)

S = Number of Students in the Department = UG1 + UG2 + UG3 + PG1 + PG2

F = Total Number of Faculty Members in the Department (excluding first year faculty)

Student faculty Ratio (SFR) = S/F

Total No. of Students in the Department (S)	UG1 + UG2 + ... + UGn + PG1 + ... + P Gn	UG1 + UG2 + ... + UGn + PG1 + ... + P Gn	UG1 + UG2 + ... + UGn + PG1 + ... + P Gn
No. of Faculty in the Department (F)	F1	F2	F3
Student Faculty Ratio (SFR)	SFR1 = S1/F1	SFR2 = S2/F2	SFR3 = S3/F3
Average SFR	SFR = (SFR1 + SFR2 + SFR3)/3		

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6.1. Adequate and Well-equipped Laboratories, and Technical Manpower (30)

Key Features:

- Laboratory infrastructural facilities
- Hardware & licensed software
- Faculty, lab assistants and lab technicians
- Up-dation of skill set of lab technicians
- Lab manuals
- Log registers
- Project lab
- Product lab
- Zero hours

* Detail description can be given as it is self explanatory

Examples of analysis and proposed action

Sample 1- Course outcomes for a laboratory course did not measure up, as some of the lab equipment did not have the capability to do the needful (e.g., single trace oscilloscopes available where dual trace would have been better, or, non-availability of some important support software etc.).

Action taken- Equipment up-gradation was carried out (with details of up-gradation)

Sample 2- In a course on EM theory, student performance has been consistently low with respect to some COs. Analysis of answer scripts and discussions with the students revealed that this could be attributed to a weaker course on vector calculus.

Action taken- revision of the course syllabus was carried out (instructions / text book have been changed, etc.).

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Criteria 8: First Year Academics

8.1. First Year Student-Faculty Ratio (FYsFR) (5 Marks)

Year	Number of students (approved intake strength)	Number of faculty members (considering fractional load)	FYsFR	Assessment = $\frac{1}{5} \times \text{FYsFR}$ (Limited to Max. 5)
CAY1				
CAY2				
Average				

Note: If FYsFR is greater than 25, then assessment equal to zero.

- ✓ List of Regular Faculty and Fractional Load
- ✓ Faculty Appointment Letters
- ✓ Salary Statements
- ✓ No. of Student Calculation as mentioned in the SAR

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Day-Wise Visit Schedule

LINK

SAMPLE

How to reduce stress

- Support system
- Attitude
- Realistic
- Organised
- Take charge
- Take breaks
- Learn to say "No"
- Take care of you
- Regular exercise
- Get a hobby
- Slow down
- Laugh plenty
- Relax....relax....