

# Velagapudi Ramakrishna Siddhartha Engineering College

## Department of CSE and Internal Quality Assurance Cell

### REPORT ON Two Day Online Workshop on “PG NBA PROCESS – SAR PREPARATION”

31<sup>st</sup> August– 1<sup>st</sup> September 2020

**Under AICTE MARGDARSHAN**

IQAC cell and Department of Computer Science and Engineering, VRSEC has successfully organized a two-day workshop on "PG NBA Processes- SAR Preparation" exclusively for Margdarshan Mentee Colleges from 31<sup>st</sup> August– 1<sup>st</sup> September 2020

**A total of 113 participants from 11 mentee colleges and host institutions have been deputed and attended the program.**

#### THE OBJECTIVES OF THIS FDP ARE:

1. To understand the NBA Accreditation Processes for PG
2. Demonstrate pre-qualifier of NBA
3. Demonstrate PO Attainment tools and attainment Processes
4. Able to demonstrate how to write Project Cos with Rubrics

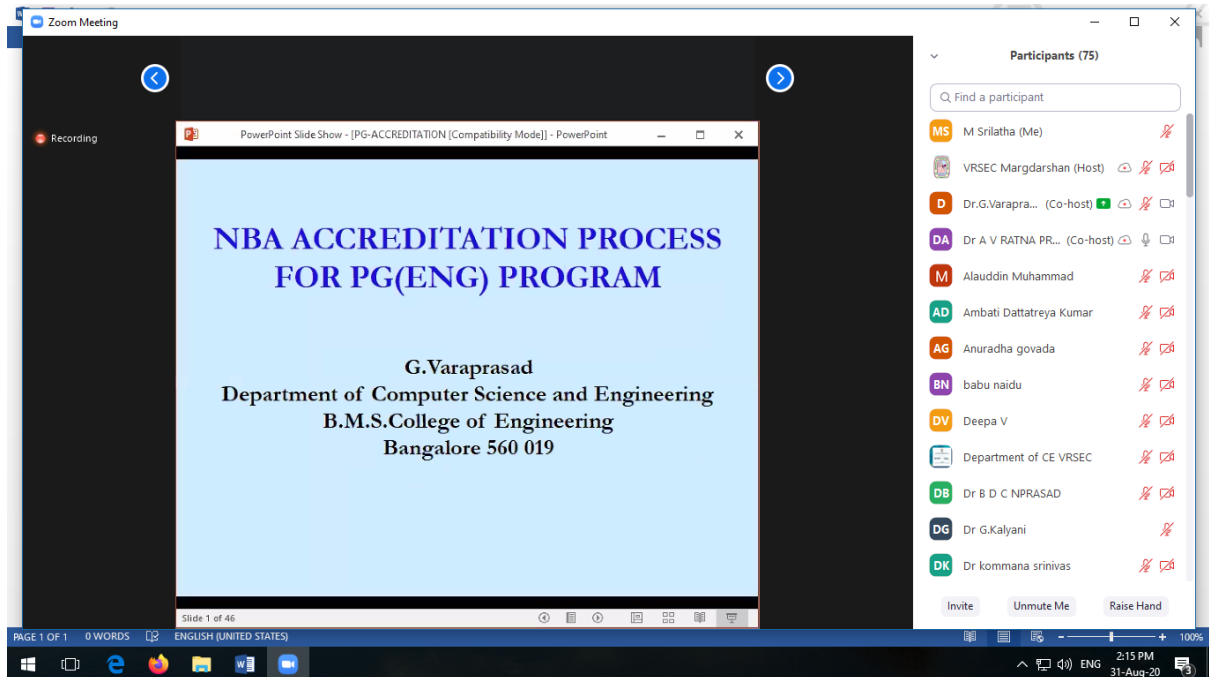
#### COURSE SCHEDULE

<b>Day 1: 31<sup>st</sup> August 2020</b>		
<b>Timing</b>	<b>Name of the Event</b>	<b>Name of the Speaker</b>
<b>2:10 PM to 2:15 PM</b>	<b>Registration/Inauguration</b>	
<b>2:15 PM to 3:30 PM</b>	NBA Accreditation Process	Dr.G.Varaprasad
<b>Break</b>		
<b>3:45 PM to 5:00 PM</b>	PO Assessment Tool and Attainment	Dr.G.Varaprasad
<b>Day 2: 1<sup>st</sup> September 2020</b>		
<b>2:00 PM to 3:30 PM</b>	How to prepare SAR	Dr.G. Varaprasad
<b>Break</b>		
<b>3:50 PM to 4:25 PM</b>	Project work COs and Rubrics	Dr.G. Varaprasad
<b>Day 3: 16<sup>th</sup> August 2020</b>		
<b>4:25 PM to 4:50 PM</b>	Interaction with Program Co-ordinators / HODs	Dr.G. Varaprasad
<b>4:50 PM to 5:00 PM</b>	Valedictory	

## Speaker for these 2 days:

Dr.G.Varaprasad

Professor, BMS College of Engineering, Bangalore.

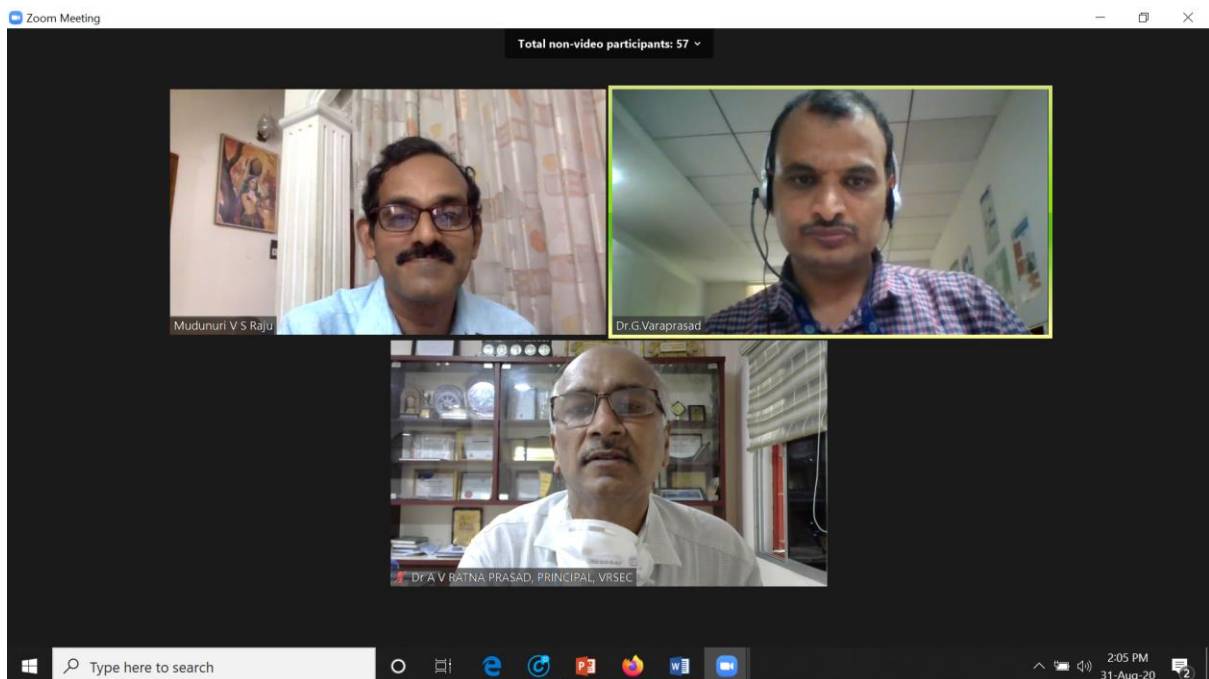


The screenshot shows a Zoom meeting window. The main content is a PowerPoint slide with a light blue background. The slide text reads: "NBA ACCREDITATION PROCESS FOR PG(ENG) PROGRAM", "G.Varaprasad", "Department of Computer Science and Engineering", "B.M.S.College of Engineering", "Bangalore 560 019". The Zoom interface includes a "Participants (75)" list on the right, a "Recording" indicator, and a Windows taskbar at the bottom showing the date as 31-Aug-20 and time as 2:15 PM.

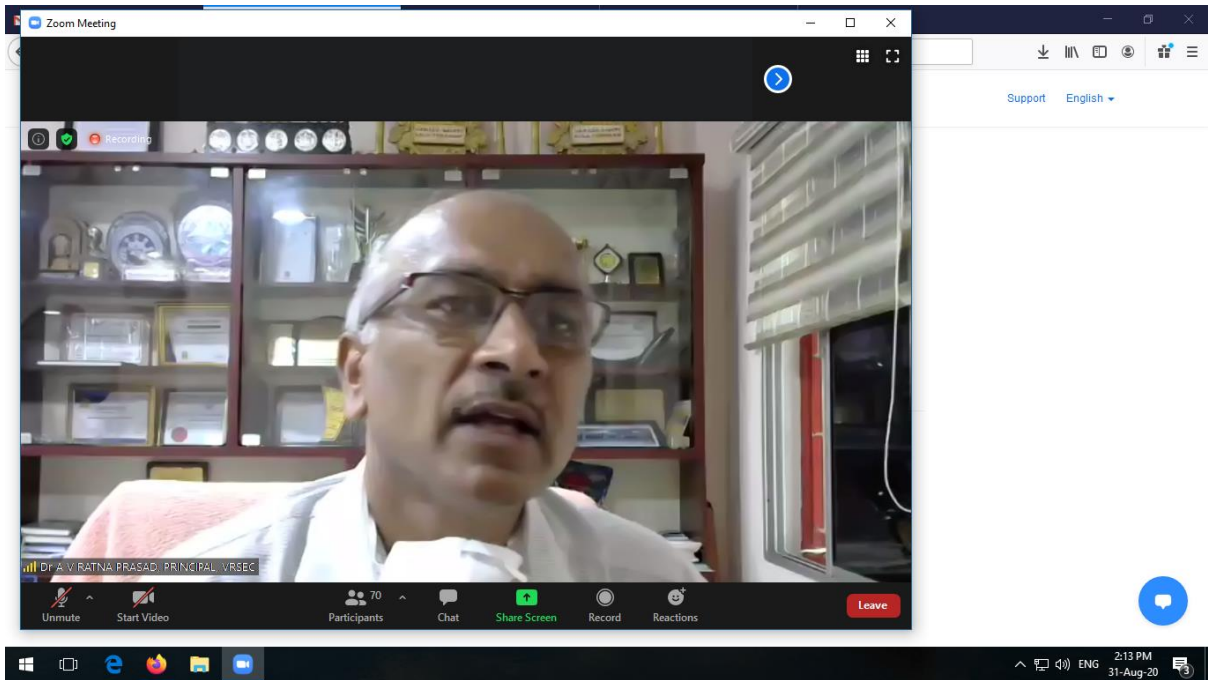
## Day 1: 31<sup>st</sup> August 2020

### Topic: NBA Accreditation Process, PO Assessment Tool, and Attainment

The session started by the Dr.A.V Rantaparasd, principal VRSEC with a welcome speech, along with the objective of the workshop, next the principal sir has given an informative talk on an overview of PG NBA preparation and the importance of NBA.



The screenshot shows a Zoom meeting window with three video thumbnails. The top-left thumbnail shows a man with glasses and a mustache, labeled "Mudunuri V S Raju". The top-right thumbnail shows a man with a headset, labeled "Dr.G.Varaprasad". The bottom thumbnail shows a man with glasses, labeled "Dr A V RATNA PRASAD, PRINCIPAL, VRSEC". The Zoom interface includes a "Total non-video participants: 57" indicator, a search bar, and a Windows taskbar at the bottom showing the date as 31-Aug-20 and time as 2:05 PM.



On the first day of the session, the speaker Dr. G.Prasadas delivered a brief outline pre-qualifiers for NBA processes, a list of criteria and weightage for each criterion, Accreditation processes for 3 and 6 years, VRSEC Programs status.

No.	Criteria	Max. Marks
1.	Program Curriculum and Teaching-Learning Processes	125
2.	Program Outcomes and Course Outcome	75
3.	Students' Performance	75
4.	Faculty Contributions	75
5.	Laboratories and Research Facilities	75
6.	Continuous Improvement	75
<b>TOTAL</b>		<b>500</b>

Under the NBA Accreditation processes the speaker has addressed different questionnaires' like “ to whom NBA gives accreditation, in a single application to how many programs are accredited, what is SFR value, Does NBA need ratification, etc.”

Zoom Meeting | You are viewing Dr.G.Varaprasad's screen | View Options

PowerPoint Slide Show - [PG-ACCREDITATION [Compatibility Mode]] - PowerPoint

### FAQ on NBA Accreditation(Cont...)

- ❖ Q: What is duration of **NBA regular visit**, team **spends** at College/
  - ❖ If no.of programs applied by College is  $\geq 2$ , then it is **3-days-v**
  - ❖ If no.of programs applied by College is  $< 2$ , then it is **2-days-v**
- ❖ Q: Does NBA need **ratification** from University for all appointment
  - ❖ **Not necessary** for all. However, your qualification & exper should be as per AICTE/UGC norms
- ❖ Q: What is **SFR** value(1:15 or 1:20 or 1:25), we have to keep.
  - ❖ Regarding **SFR**, don't mix **AICTE** rules with **NBA**. **AICTE** program level & **NBA** talks about **Dept** level while calculating
  - ❖ To get **3 years** **NBA** accreditation, average **SFR** value shou below 25 for 3 years for **Dept**.
  - ❖ To get **6 years** **NBA** accreditation, average **SFR** value shou below 15 for 3 years for **Dept**.
- ❖ Q: **Without** **UG(B.E(CSE))** program accreditation, shall we go for accreditation for **PG(M.Tech(CSE))**

Chat

From Mukesh Chinta, VRSEC to Me: (Privately) saripotundi guruvu gaaru what about your c++ class

From Me to Mukesh Chinta, VRSEC: (Privately) doing that slides parallel along with screen shorts. because I don't have any thing c++

From Mukesh Chinta, VRSEC to Me: (Privately) ok guruvu gaaru

From Dr. ABDUL NABI to Everyone: sir i am not audible

From Mukesh Chinta, VRSEC to Me: (Privately) I took CCNA class in the morning. 220 attended. no disturbance. so hopefully it will be same with your class also. my suggestion to you is make sure you take screen shots and a google form for attendance. U will need those proofs for next year CAS

From Me to Mukesh Chinta, VRSEC: (Privately) we will not post that attendance know sir 220 means entire college google form ?

To: Mukesh Chi... (Privately) File ...

Type message here...

Unmute Start Video Participants 89 Chat Share Screen Record Leave

Windows Taskbar: 3:35 PM 31-Aug-20

After completing the pre-qualifier the speaker has continued with three years and six years of accreditation processes. In this topic he delivered a clear and in-detailed talk on marks weightage in each category, the minimum marks should be attained by a program to get provisional or six years of accreditation. Finally, at the end of the session, the speaker reviewed the status of programs in VRSEC, talked about calculating PO attainment in the dimensions of direct and indirect assessment tools.

Zoom Meeting | Recording | PowerPoint Slide Show - [PG-ACCREDITATION [Compatibility Mode]] - PowerPoint

### Accreditation for 6 Years(Cont...)

- ❖ C1: A: Program should score more than or equal to **375 marks** out of **500**
- ❖ Ex: M.Tech(CSE) program has secured 380 marks out of 500.

No.	Criteria	Max. Marks
1.	Program Curriculum and Teaching-Learning Processes	125
2.	Program Outcomes and Course Outcome	75
3.	Students' Performance	75
4.	Faculty Contributions	75
5.	Laboratories and Research Facilities	75
6.	Continuous Improvement	75
		<b>380</b> / <b>500</b>

Slide 28 of 46

Windows Taskbar: 3:09 PM 31-Aug-20

## Day 2: 1<sup>st</sup> September 2020

### Topic: How to prepare SAR, Project work COs and Rubrics & Interaction with Program Co-ordinators / HODs

On the second day of the workshop, the speaker started explaining with preparing the SAR document in terms of the program curriculum and teaching-learning processes, and its implementation details. In this session the following concepts were explained with a case study:

- Quality of laboratory work
- Industrial training
- Evidence of COs defined for every course
- Course articulation matrix
- Processes used for gathering data to evaluate PO
- The success rate in the stipulated period
- Placement, higher studies, and Entrepreneurship, publications under student performance
- Faculty publications and contribution
- Research facilities
- Continuous improvement

The screenshot shows a Zoom meeting window. The main content is a PowerPoint slide titled "C3: STUDENTS' PERFORMANCE(75)". The slide content is as follows:

**3.3. Placement, Higher Studies and Entrepreneurship(20)**

- ❖ Know placement, higher studies, entrepreneurship details
- ❖ Give last 3 years details with CAYm1 for 3 batches students.
- ❖ For year 2018-19, placement index(P1) is 0.777 (14/18)
- ❖ N is the total no. of students admitted in first year
- ❖ Assessment Points = 20 × average placement;

Item	CAYm1(2018-19)	CAYm2(2017-18)	2016-17(CAYm3)
No. of students placed in companies or Government Sector (x)	10	9	9
No. of students pursuing Ph.D. / JRF/ SRF(y)	2	2	3
No. of students turned entrepreneurs in engineering/technology (z)	2	2	1
$x + y + z =$	14	13	13
Placement Index : $(x + y + z) / N$	0.777(14/18)	0.722(13/18)	0.722(13/18)
Average placement = $(P1 + P2 + P3) / 3$	0.740		
Assessment points	20x0.740=14.81		

The chat window on the right shows a discussion about curriculum structure and regulations. The chat history includes:

- From Dr S.Vasavi Prof VRSEC to Everyone: yes sir it is clearly given in annexure VI
- From Dr kommana srinivas to Everyone: sir,we are going through VR19(2019-20) and VR15(2018-19) & (2017-18), and presenting both regulations.is it ok?

In the next part of the session he talked about a list of parameters to be considered in project work, the marks distribution for each parameter, giving marks depending on the contribution to each parameter, and rubrics for each parameter.



The screenshot shows a Zoom meeting interface. The main content is a PowerPoint slide titled "List of Parameter and Marks distributions" which contains a table with 14 rows of parameters and their corresponding marks. The chat window on the right shows a message from Sarah Suhasini regarding observations on attainment levels for POs, and a response from Dr. Kommanna Srinivas asking for clarification on mapping POs to VRs.

SN	Parameter Metric No	Parameters	CO	Marks
1.	M1	Literature Search	CO 1	6
2.	M2	Problem statement	CO 2	10
3.	M3	Society, environment	CO 3	5
4.	M4	Project scheduling and work delegation	CO 4	5
5.	M5	Identification of essential concepts/ Equipment/ component list	CO 5	5
6.	M6	Effective utilization of the Modern Tool	CO 6	6
7.	M7	Design(s)	CO 7	15
8.	M8	Analyze the results	CO 8	7
9.	M9	Budget Analysis	CO 9	5
10.	M10	Project Report	CO 10	12
11.	M11	Originality score	CO 12	10
12.	M12	Oral Presentation	CO 10	10
13.	M13	Viva-Voce (Technical Knowledge)	CO 1	5
14.	M14	Performance in the Team	CO 11	5
Total				100

Chat messages:

- From Sarah Suhasini to Everyone: 2.2.2 Observations on attainment levels for each of the PO - please give some explanation
- From Dr. Kommanna Srinivas to Everyone: Is it OK if we map same POs to VR19 & VR15 COs

At the last, the speaker had interacted with each department program coordinators and HOD's to discuss the current status of their PG NBA status.

<p><b><u>Co-Ordinators</u></b>            Dr. K Suvarna Vani            Professor, Department of CSE            Ms. Srilatha M            Asst Prof, CSE</p>	<p><b><u>Chief Co-Ordinator</u></b>            AICTE Margdarshan            Dr. D. Rajeswara Rao            Professor &amp; Head            Dept of CSE</p>	<p><b><u>Principal</u></b>            Dr. A.V Ratna Prasad</p>
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