



WELCOME

22nd IQAC Regular Meeting

Tuesday, 20th April 2021

Agenda

A) Action taken report on the proposals of 21st IQAC meeting.

- 1) Review of Performance Based Appraisal System (PBAS)**
- 2) Alumni identification for their diplomatic involvement in R&D, Consultancy, Internships, Placements, etc.**

B) Issues open for discussion

- 1) 5 Year (2020-25) Plan & Strategy**
- 2) Any other item with the permission of Chairperson.**

1) Review of Performance Based Appraisal System (PBAS)

Existing Structure of VRSEC-PBAS

	Parameters	Max Score		
		Asst. Prof	Asso. Prof	Prof
1	Service in the College	50	50	75
2	Curricular	600	400	350
3	Co - Curricular	100	150	150
4	R & D * (Min. Requirement)	(30)/150	(50)/250	(60)/300
5	Extra-Curricular & Admin. duties	100	150	125
	GRAND TOTAL	550/1000	550/1000	550/1000

A) Action Taken Report on resolutions of 21st IQAC meeting

1) Review of Performance Based Appraisal System (PBAS)

Changes in PBAS to meet the current requirements

- It is proposed to make some changes in PBAS according to National quality certifying agencies, by the directions of Principal.

Removed / reduced the marks of the below metrics from ‘minimum marks requirement of R & D’. But they are considered for ‘overall minimum marks requirement’.

- Reviewer of journal
- Chairing sessions on invitation
- Invited speaker on invitation
- Keynote Speaker
- Sponsored research Projects – submitted but awaiting sanction (reduced -50 to 20%)
- Joint Collaborative Projects - submitted but awaiting sanction

A) Action Taken Report on resolutions of 21st IQAC meeting

Changes in PBAS to meet the current requirements

Assistant Professor

Faculty with Ph.D Qualification and Faculty whose Ph.D work is going on: should publish two papers, one in Scopus (unpaid) / SCI journals and other in Scopus indexed conferences.

Other Asst. Professors: should publish one paper in Scopus (unpaid) / SCI, which is the minimum requirement.

The minimum grant for Sponsored research project is reduced to 2 lakhs with 20 points from 5 lakhs with 30 points

A) Action Taken Report on resolutions of 21st IQAC meeting

Changes in PBAS to meet the current requirements

Associate Professor

Faculty have to publish minimum 2 papers every year in SCI / Scopus /IEEE indexed journals or Q1,Q2 and Q3 Journals through UG / PG / Ph.D students and research work .

The minimum grant for Sponsored research project is reduced to 2 lakhs with 20 points from 5 lakhs with 30 points

A) Action Taken Report on resolutions of 21st IQAC meeting

Changes in PBAS to meet the current requirements

Professors

Weightage for service is reduced from 75 to 25

Weightage for Administrative and Extra-curricular activities is enhanced to 175 from 125.

Faculty have to publish minimum 2 papers every year in SCI / Scopus /IEEE indexed journals or Q1,Q2 and Q3 Journals, through UG / PG / Ph.D students and research work .

The minimum grant for Sponsored research project is reduced to 2 lakhs with 20 points from 5 lakhs with 30 points

A) Action Taken Report on resolutions of 21st IQAC meeting

Changes in PBAS to meet the current requirements

Every faculty should involve in at least three of the following, along with paper publication, in every academic year

- 1. Patent filing**
- 2. Consultancy from Industry / Govt.**
- 3. MOUs undertaken with active participation.**
- 4. Collaborative labs (full/partial) established.**
- 5. Industry internships and placements.**
- 6. Model development including participation in peer institutes / NITs / IITs.**
- 7. Innovations & Start-ups**
- 8. Books published.**
- 9. Expert lectures delivered to industry.**
- 10. Other interaction with outside world which result measurable outcome.**

A) Action Taken Report on resolutions of 21st IQAC meeting

2) Alumni identification for their diplomatic involvement in R&D, Consultancy, Internships, Placements, etc.

Meeting with Alumni Coordinators of all depts.

Agenda:

- **Increase of alumni database in all depts through various possibilities (Linkedin, Facebook, College website, etc.)**
- **Monthly monitoring by Institute Alumni Coordinator**
- **Identification & Categorization of Alumni**
- **Communication of Institute information through college brochure to Alumni**

- A) Action Taken Report on resolutions of 21st IQAC meeting**
2) Alumni identification for their diplomatic involvement in R&D, Consultancy, Internships, Placements, etc.
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**Progress in the above activity, in various departments from
Jan. 2021**

A) Action Taken Report on resolutions of 21st IQAC meeting

2) Alumni identification for their diplomatic involvement in R&D, Consultancy, Internships, Placements, etc.

Sponsored Projects from Alumni - Civil Engineering Department

- 1. Project: Investigation of site characteristics and optimum design of geo-synthetic reinforced foundation to support railway embankment**

Sponsoring agency: **RAIL VIKAS NIGAM LIMITED**

Alumni involved: **Sri. KRK Raju (1988 Batch), Chief project manager, RVNL, Vijayawada**

Project grant and duration: **Rs. 3 Lakhs, 6 months**

- 2. Project: Investigation on usage of M-sand and stone Dust as an alternative for river sand (fine aggregate) in concrete, brickwork and plastering.**

Sponsoring agency: **CREDAI, Vijayawada**

Alumni involved: **Sri D. Rambabu, (1985 Batch) General Secretary ,CREDAI, Vijayawada**

Project grant and duration: **Rs. 50,000/-, 6 months**

2) Alumni identification for their diplomatic involvement in R&D, Consultancy, Internships, Placements, etc. Potential Alumni - Civil Engineering Dept.

Date of activity	Nature of Activity	Alumni details	Designation of Alumni
27 th March 2021	2 nd ALUMNI ENTREPRE NUERS DAY	Sri Koya Srinivas	Director, AMERIGO
		Sri Gopi Partha sarathy	Director, DL Consulting Services (MEP Consultants), Vijayawada
		Sri P. V. Krishna Kanth,	Consultant, Adani Group
		Sri V. Srinivasa Rao,	Director, Transcendence, Vijayawada
		Sri Harsha Prattigadapa,	Manager, BCE Infra Pvt. Ltd.
		Sri Aruna kishore veleti,	Chief solution architect, CVISON Inc. USA
		Ms Samantha Gottipati,	Manager, The Space Story, Vijayawada
		Sri Jasti Basaveswara Rao	Practising Engineer, VMC
		Sri Vijaya Sai Meka,	S&S Green Projects, Chairman, IGBS Amravathi
		Sri Hasheer Shaik	Director, Hardisa Designs and Construction Pvt Ltd

A) Action Taken Report on resolutions of 21st IQAC meeting

2) Alumni identification for their diplomatic involvement in R&D, Consultancy, Internships, Placements, etc.

Electronics and Communication Engineering Dept.

Date of activity	Nature of contribution	Alumni details
30 th January 2021.	Guest Lecture on Job Opportunities & Higher Studies	Naga Vamsi Seetha Ram, Capgemini, Senior Analyst
6 th February 2021.	Guest Lecture on Job Opportunities in Core Sector	G.Sai Ram, SoCtronics, Engineer-I
13 th February 2021.	Guest Lecture on Job Opportunities in IT Sector	Y. Ravi Teja TCS, Associate Engineer
22 nd February 2021.	Guest Lecture on IETE, ISF	A. Ravi Kumar, Executive Director of AP Antenna Products Hyderabad, Chairman at IETE Hyderabad

A) Action Taken Report on resolutions of 21st IQAC meeting

2) Alumni identification for their diplomatic involvement in R&D, Consultancy, Internships, Placements, etc.

Information Technology Dept.

Date of activity	Nature of contribution	Alumni details	Designation of Alumni
25th January, 2021	Motivation and Preparation for Higher studies	Miss. Arepalli Satya Meghana,	Programmer Analyst, Cognizant Technology Solutions, Chennai.
13th February, 2021	Orientation Program on Information Security	Mr. T. Mahesh,	Solution Delivery Analyst, Deloitte, Vijayawada

B) Issues open for discussion

5 Year (2020-25) Plan & Strategy

Goal 1: REPUTATION / RECOGNITIONS OF THE INSTITUTE.

Goal 2: GRADUATION OUTCOMES: TEACHING, LEARNING & RESOURCES

Goal 3: COMPREHENSIVE STUDENT DEVELOPMENT

Goal 4: RESEARCH, INNOVATION & PROFESSIONAL PRACTICE

2020-25 Strategic Plan

Intention:

- ❖ **Curriculum design** to meet the emerging needs of the industry and society
- ❖ **Knowledge up-gradation & skill development** through continuing education programs and industry institute interaction.
- ❖ **Employability with high packages** in reputed Indian and Global Companies and improvement in **Higher studies**.
- ❖ Encouragement of students to participate in **outreach programs and techno-cultural activities at National Level**.
- ❖ Promotion of R&D culture - **quality publications & citations, Funded projects & consultancy in all depts.,**
- ❖ **Innovations & Start-ups**
- ❖ To be one among the **top FIFTY** Private Engg. Colleges in the Country.

2020-25 Strategic Plan

Goal 1: REPUTATION / RECOGNITIONS OF THE INSTITUTE.

S.No	Key Performance Indicator	Present Status (2020)	Proposal (2025)
1	Accreditation of Programs	UG-71.5%	UG-100% (750 score) PG-100%
2	NIRF Ranking	2020-156 2019-171	<100 rank
3	Atal Ranking of Institutions on Innovation Achievements (ARIIA)	Rank Between 6 to 25 band	In top 25 among Self-financed Engg. colleges in the country.
4	NAAC	3.33 (A+)	> 3.50 (A++)

2020-25 Strategic Plan

Goal 2: GRADUATION OUTCOMES: TEACHING, LEARNING & RESOURCES

S.No	Key Performance Indicator	Present Status (2020)	Proposal (2025)
1	Success rate of students to higher semester (Pass Percentage from I year to II Year)	73%	80%
2	Placement rate Package (>5 Lakhs)	70% 100 plus	85% 300 plus
3	Enrolment/Success rate in higher education entrance examination	7.5% to 10%	12%

STRATEGY

Contd...

2.1 Faculty

S.No	Action to be taken
1	Recruitment of Faculty with proven Knowledge, Teaching skills and R&D, from reputed institutions, meeting the AICTE/University norms
2	Training for faculty in domain knowledge – min 4 faculty / year / one section intake - min 15 days training.
3	Deputing faculty for Skill development based industrial training - (Two faculty from each department)
4	At least 60% of faculty must be with Ph.D. Qualification by the year 2025
5	Deputing faculty for higher studies – for post-doctoral or specialized research areas to Institutions of Higher Learning at National / International level (Two faculty from each department)

STRATEGY

Contd...

2.2 Students

S.No	Action to be taken
1	Sponsoring the students to participate in National level competitions – min. two teams from each Section / year from each dept. (in place)
2	Internships to students in industry and industrial training (in place) – 100%
3	Inviting industry experts for imparting practical knowledge through industry offered courses (by Adjunct Faculty). (in place)
4	CRT training, Mock Interviews - Placement Specific Training programs (in place)
5	Organizing domain classes for competitive examinations (GATE/IES/GRE). (in place)
6	MoUs with Institutions / organisations in India and abroad (in place)
7	Quality circles / Remedial / Bridge courses (in place)

STRATEGY

Contd...

2.3 Infrastructure

S.No	Action to be taken
1	Industry attached Laboratory (Sponsored or otherwise) with furniture and equipment at 50:50 - one lab each year
2	Laboratory upgradation

STRATEGY

Contd...

2.4 Curriculum

S.No	Action to be taken
1	Curriculum development to meet the current needs of the society & Industry (in place)
2	Continuous assessment with higher order knowledge and skills (Blooms Taxonomy – higher order to be used)
3	Laboratory experiments shall be open ended in all labs
4	At least one certificate course from each department shall be organized by involving industry experts / semester

2020-25 Strategic Plan

Goal 3: **COMPREHENSIVE STUDENT DEVELOPMENT**

S. No	Key Performance Indicators	Present Status (2020)	Proposal (2025)
1	Participation and awards won in technical events at State / National level	200	250
2	Participation and awards won in sports activities / events in University and National level	35	55
3	Participation and awards won in Cultural, literary activities / events at University and National level	20	40
4	Participation in extension & outreach programs	20-25	40-50
5	Student satisfaction on common Academic activities & facilities at exit	85%	100%

STRATEGY

3.1 Human Resources/Student

S.No	Action to be taken
1	Coaches (lady/gent) with specialized training to be recruited
2	Sponsoring students to National level events (Trade Fairs) at least one team in each area
3	Yoga Practice Courses
4	Training the wardens and other staff on adult psychology, inmate issues
5	Appointment of Full-time Psychologist

STRATEGY

3.2 Infrastructure

S. No	Action to be taken
1	Indoor stadium with Gymnasium at National standards in minimum three areas
2	Library up-gradation with group discussion facilities
3	Hostel facility
4	Other Infrastructure facilities for better Eco-system to students.

2020-25 Strategic Plan

Goal 4: RESEARCH, INNOVATION & PROFESSIONAL PRACTICE

S. No	Key Performance Indicators	Present Status (2020)	Proposal (2025)
1	Increase in number of faculty with PhD qualification in Engineering	40%	60%
2	Increase in research publications in standard journals (Scopus / SCI Indexed and Thomson Reuters Impact Factor)	213	350
3	Increase in research projects funded by government / defence Research projects funded Non- Gov. agencies / Industries	20-25 Lakhs 20-25 Lakhs	50 Lakhs 50 Lakhs
4	Faculty with Post doctoral fellowship	03	15
	Patents Granted & Patents Filed	04 & 76	20 & 150
5	Consultancy from Engineering departments / year /dept. (Other than Civil Engineering)	1.29 Lakhs	5 Lakhs
6	Innovations and Start-ups leading to commercialization	03	10

STRATEGY

Contd.....

4.1 Faculty

S. No	Action to be taken
1	Identification of faculty and formation of three strong high priority research groups in each department
2	(a) Collaboration of one senior researcher from IITs with the above identified research groups for promoting R&D (b) Sponsoring at least one faculty from each group for long duration interaction with faculty at IITs / National R&D institutions
3	Conduct of one conference with identified research faculty from IIT in the identified research areas per year per department to know the recent research trends (2 days program-sponsored)
4	Recruiting one faculty with research skills in the high priority research area every year/ dept.

STRATEGY

Contd.....

4.1 Faculty

S. No	Action to be taken
5	Sponsoring one faculty per year for pursuing Ph.D at the institute of higher learning (QIP)
6	Deputation of faculty for industrial trade fairs
7	Provision of incentive to the faculty securing the research project (already in force)
8	Performance Based Assessment System for R&D Component (already in force)
9	Creation of additional cadres when faculty at lower cadre acquires Ph D qualification
10	Obtaining one major research project from R&D institutions / Government agencies by 50% faculty having PhD qualification, every three years
11	At least two patent granted from each Department
12	At least one start-up from every Department

STRATEGY

Contd.....

4.2 Students

S. No	Action to be taken
1	Provision of internship to B Tech / M.Tech Students in premier organisations
2	Innovative idea generation sessions to be conducted for B.Tech and M.Tech students separately leading to start ups at least one per semester per department
3	In house R&D funded projects to be taken up in every department, at least one per section in the final year.
4	Student paper publication – 30% batches from B.Tech & 100% students in M.Tech
5	More focus on EPICS for developing innovative solutions to society
6	Minimum of 50% of M.Tech Projects to be oriented towards modelling / simulation leading to patent per year in each Department. The goal is to achieve at least 2 Patents applied and one granted per department in each year.

STRATEGY

Contd.....

4.3 Curriculum

S. No	Action to be taken
1	Inclusion of research component in core courses (Theory and laboratory) of PG programmes (in place)
2	Provision for a self-learning course in the M.Tech programme to select the course related to the project work (in place)
3	Introduction of “research Methodology” as a special course for the M.Tech students in the beginning of the third semester (in place)
4	Inclusion of ‘Creative Engineering Design thinking’ course

STRATEGY

Contd.....

4.4 Infrastructure

S. No	Action to be taken
1	Strengthening of R&D Centre with research data base - 20 computers with high speed internet facility, LCD projector, research tools identified by high priority research groups.
2	Provision of on line journals through regular subscription from the central library related to all departments. IEEE/Springer/ELSEVIER (in place)
3	Establishment of Centres of Excellence at least one in all departments by 2025
4	R&D Infrastructure (ME/CE/EEE/EIE)

**Any other item with the permission of
Chairman**

THANK YOU