



# WELCOME

## 24<sup>th</sup> IQAC Regular Meeting

**Saturday, 13<sup>th</sup> November 2021**



# Agenda

## **A) Action taken report on the proposals of 23<sup>rd</sup> IQAC meeting.**

- 1) Road map to execute the proposed Five year (2020-25) strategic plan & yearly bench marks for departments to achieve them.**
- 2) Increase in student hostel accommodation**

## **B) Issues open for discussion**

- 1) Setting up of Sensor based energy conservation**
- 2) Initiating Energy audit in the campus**
- 3) Planning of sports & cultural events to be organized and Identification & promotion of students for State & National level competitions.**
- 4) Any other item with the permission of Chairperson.**

## **A) Action taken report on the proposals of 23<sup>rd</sup> IQAC meeting**

### **Five years (2020-25) Strategic Plan**

#### **Main Targets by 2025**

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- 1. Accreditation of Programs: UG-100% (with 750 score) & PG-100%**
- 2. NIRF Ranking: <100 rank**
- 3. NAAC: > 3.51 (A++)**
- 4. Atal Ranking of Institutions on Innovation Achievements (ARIIA) : one in top 25 among Self-financed Engineering colleges in the country.**



# Major components

## 1) Research & Development

- 1.1 Faculty with PhD qualification
- 1.2 Research publications in standard journals
- 1.3 Funded Research projects
- 1.4 Faculty with Post Doctoral Fellowship
- 1.5 Patents
- 1.6 Consultancy
- 1.7 Innovations and start-ups

## 2) Graduation Outcomes: Teaching, Learning & Resources

- 2.1 Success rate of students to higher semester (Pass Percentage from I year to II Year)
- 2.2 Placement rate & Package (>5 Lakhs)
- 2.3 Enrolment / Success rate in higher education entrance examinations

## 3) Comprehensive Student Development

- 3.1 Participation and awards won in technical events at State / National level.
- 3.2 Participation and awards won in sports activities at State and National level.
- 3.3 Participation and awards won in Cultural, literary activities / events at University and National level
- 3.4 Participation in extension & outreach programs- (technical)



## **A) Action taken report the proposals of 23<sup>rd</sup> IQAC meeting**

### **Annual Departmental Bench Marks**

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- 1) Benchmarks were set as per the number of faculty, their qualification and cadre in the departments**
- 2) Strategy to achieve the above targets, with reference to Faculty, Students, Infrastructure, Curriculum by providing technical & financial support from the institution, was discussed in the previous meeting .**

# 1. Strategic Plan 2020-25 - Annual benchmarks for CSE Department

## 1. Research & Development

S.No	Parameters	2020-21	2021-22	2022-23	2023-24	2024-25
1	Faculty with PhD qualification	15	19	21	23	25
2	Publications in standard journals	60	70	80	90	100
3	Funded Research projects (Lakhs)	--	20	20	20	20
4	Post Doctoral Fellowship	--	1	1	2	2
5	Patents	<ul style="list-style-type: none"> <li>• Filed = 1 per section per department per year</li> <li>• Published = 3 per year per department</li> <li>• Granted= 1 per year per department</li> <li>• Commercialisation: 2 per each Engineering department by the end of 2025</li> </ul>				
6	Consultancy (Lakhs)	--	5.0	5.0	5.0	5.0
7	Innovations and start-ups	<p>Target: One start – up per department per year Commercialization by the end of 2025: one per each department</p>				



# 1. Strategic Plan 2020-25 - Annual benchmarks for CSE Department

## 2. Graduation Outcomes: Teaching, Learning & Resources – bench marks

S. No	Key Performance Indicators	2020-21	2021-22	2022-23	2023-24	2024-25
1	Success rate of students to higher semester (Pass Percentage from I year to II Year)	91-95%	91-95%	91-95%	91-95%	91-95%
2	Placement rate <ul style="list-style-type: none"><li>➤ Through Placement Cell</li><li>➤ Through Department</li><li>➤ Package (&gt;5 Lakhs)-No.</li></ul>	65% 8% 55	70-75% 10% 70	75-80% 12% 85	80-85% 13% 100	85-90% 14% 120
3	Enrolment / Success rate in higher education entrance examination	10-12%	10-12%	10-12%	10-12%	10-12%

# 1. Strategic Plan 2020-25 - Annual benchmarks for CSE Department

## 3. Comprehensive Student Development – bench marks

S.No	Key Performance Indicators	2020-21	2021-22	2022-23	2023-24	2024-25
1	Participation and awards won in <u>technical events</u> at State / National level	45	50	60	70	80
2	Participation in <u>extension &amp; outreach</u> programs - technical only	Covid	5	10	15	20

### Note

1. Review of targets - at every quarter
2. In any case, if a department fails to achieve the set target, it has to achieve the next year target along with backlogs
3. Departmental annual goals and Academic audit must be in line with annual bench marks of strategic plan.



## A) Action taken report the proposals of 23<sup>rd</sup> IQAC meeting

### 2) Expansion of student hostel accommodation

#### Boys

**New block capacity – 418 beds**  
(within the campus)

**Occupancy is in progress.**





## **B) Issues open for discussion**

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- 1) Setting up of Sensor based energy conservation**
- 2) Institution of Energy audit in the campus**
- 3) Planning of sports & cultural events to be organized and  
Identification & promotion of students for State & National level competitions.**
- 4) Any other item with the permission of Chairperson.**



## B) Issues open for discussion

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- 1) Setting up of Sensor based energy conservation**
- 2) Institution of Energy audit in the campus**

**Dr. PVRL Narasimham**  
**EEE**

# Issues open for discussion

## 1. Sensor based energy conservation

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**Automatic street light controller**



Issues open for discussion

## **1. Sensor based energy conservation**

- **Sensor based energy conservation was implemented one year back in the campus for campus street lighting by adopting Astronomical Clock.**

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- **Everyday based on sunset time street lights in the campus will be switched ON and based on the sunrise time of the day they will be switched OFF automatically.**
- **In addition, by using a timer circuit, the street lights available on two phases will be switched OFF at different timings (ex: lights on one phase at 7pm and lights on another phase at 8pm).**
- **After 8pm, only lights available in one phase will be in ON till 4 am, then the second phase will be switched ON at 4.30am, and then third phase will be switched ON at 5 am. All lights in three phases will be switched OFF automatically based on sunrise time.**
- **Approximately 35% of energy is being saved for street lighting**



Issues open for discussion

## **1. Sensor based energy conservation**

### **Future Plan:**

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- **It is proposed to develop a sensor based automation in one of the seminar halls in the campus as further step of energy conservation.**
- **It is proposed to develop it as density (people) based automation system to switch ON and Switch OFF of electrical appliances.**



Issues open for discussion

## **2. Energy audit**

- **In recent times it is observed that the electrical load in the campus is unbalanced, which may cause the neutral carrying more current.**
- **To avoid it , it is necessary to bring our system as more balanced. For this it is proposed to have energy audit of our campus by external agency in this year. This audit will also help us in terms of energy conservation.**

Issues open for discussion

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**3. Planning of Cultural events & Sports to be organized and  
Identification & promotion of students for State & National  
level competitions.**



Issues open for discussion

### **3.1) Planning of Cultural events to be organized and Identification & promotion of students for state & National level competitions.**

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**1.To organize at least two events per semester.**

**Tentative schedule of cultural activities for 2021-22**

- Sankranti festival/Republic Day (Jan)
- Cultural fest during AFOSEC (Feb)
- Ugadi (Telugu New Year)(April)
- Youth Festival/ Independence Day (August)

**2. To conduct group activities and individual activities**

**Group Activities**

- Skit
- Group Dance
- Songs
- Instruments
- Rangoli

**Individual Activities**

- Dance
- Music
- Painting
- Modeling
- Cultural attire
- Mono Action



Issues open for discussion

**3.1) Planning of cultural events to be organized and Identification & promotion of students for state & National level competitions.**

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**3. To conduct different types of activities at different times & Activities are chosen relevant to the occasion**

**4. To encourage student participation in the events organized at reputed institutions**



Issues open for discussion

### **3.1) Planning of cultural events to be organized and Identification & promotion of students for state & National level competitions.**

**At present more than 100 students are participating in Ekta Diwas Events as a part of Azadi ka Amrit Mahotsav Organized by the Govt. of AP Govt. of India Nov 2021**

**The following are the events**

- Solo Singing
- Group Singing
- Dance
- Mono Action
- Street Play
- Kadhi Bharatham
- Crafty Collage
- Floor Crossing
- Elocution
- India Quiz
- Rangoli
- Clay Moulding
- Story Telling
- Sand Sculpture
- Mock Parliament
- Mock Press
- Face Painting

Issues open for discussion

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**3.2) Planning of Sports to be organized and  
Identification & promotion of students for State & National  
level competitions**

Y. V. R. Krishna Prasad



Issues open for discussion

## **Sports and games activities schedule- competitions to be organized**

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- **Newly admitted students are educated on Games & Sports, facilities available by showing them in Physical Education Department, during induction programme.**
- **Identification of students by conducting selection trails during July - October for both Men and Women students.**
- **Basketball, Kho-Kho, Kabaddi, Cricket, Volleyball, Badminton, Table Tennis, Football, Throw ball, Chess, Athletics events.**

Issues open for discussion

## **Athletic events to be organized**

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- **100mtrs, 200mtrs, 400mtrs, 800mtrs, 1500mtrs run**
- **Long jump, Triple jump, High jump**
- **Shot-put,**
- **Discus Throw,**
- **Javelin Throw,**
- **4x100mtrs Relay, 4x400mtrs Relay events.**



Issues open for discussion

### **3.2 Identification and promotion of students towards sports and games**

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- **Conduct of selection trials to pick-up talented players for participation at inter-collegiate tournaments of JNTUK.**
- **Organizing practice matches for different events from time to time to prepare the players for the competitions tournaments.**
- **Observing the talent of the players during their regular practice and tone-up their skills through intramural competitions for representing the College, District and State level competitions.**

Issues open for discussion

## **Competitions to be organized**

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- **Conduct of Intramural Competitions in above Games & Sports from August to February.**
- **Outstanding sports persons of District, State & National Level are honored on College Annual sports day.**



Issues open for discussion

## **Status & Targets:**

### **Representation to State & National level Competitions**

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#### **Status:**

**Our students were represented at National & State level Competitions in Chess, Roller Skating, Rifle shooting, Archery, Table tennis, Cricket & Yoga in the last three years.**

#### **Review of Targets:**

**It is proposed to review the progress (wrt representation to State & National level competitions) at the end of each semester by Sports & games committee and the report is submitted to IQAC.**

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Any other item with the permission of  
Chairman



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THANK YOU