

Annual Report

Academic Year 2022-2023

VISION

To become a premier institute of academic excellence by imparting technical, intellectual and professional skills to students for meeting the diverse needs of industry, society, the nation and the world at large

MISSION

- Commitment to offer value-based education and enhancement of practical skills.
- Continuous assessment of teaching and learning processes through scholarly activities.
- Enriching research and innovation activities in collaboration with industry and institutes of repute.
- Ensuring the academic processes to uphold culture, ethics and social responsibilities.

Roles and Responsibilities

- Development and application of quality benchmarks / parameters for the various academic and administrative activities of the institution.
- Recommendation to the authority about the incentives of faculty members who excel in research activities.
- Preparation of the Annual Quality Assurance Report (AQAR) to be submitted to NAAC based on the quality parameters.
- Organization of workshops, seminars on quality related themes and promotion of quality circles.
- Optimization and integration of modern methods of teaching, learning and evaluation.
- Ensuring the adequacy, maintenance and functioning of the support structure and suggestion thereby.
- To obtain feedback responses from students, parents and other stakeholders on quality-related institutional processes on a regular basis.

Committee Member Details

S.No	Faculty Name	Designation				
1.	Dr.M.Akila	Principal(Chairman)				
2.	Dr.J.Karpagam	Head / IQAC & Professor EEE				
3.	Dr.L.Prabhu	Associate Head / IQAC & Assistant Professor (SI.G) / Mech				
4.	Mr. B. Prasath	Assistant Professor (Sr.G) / AD				
5.	Ms. R. Rajeshwari	Assistant Professor (Sr.G) / BME				
6.	Dr. A. Sowmya	Assistant Professor (Sr.G) / CSE				
7.	Dr. S. Kanmani	Associate Professor / Civil				
8.	Ms. R.H. Aswathy	Assistant Professor (SI.G) / CSE				
9.	Dr. V. Seethalakshmi	Associate Professor / ECE				
10.	Ms. R. Revathi	Assistant Professor (Sr.G) / EEE				
11.	Dr. S. Sathish	Assistant Professor (SI.G) / Mech				
12.	Dr. M. Myvizhi	Assistant Professor (SI.G) / Maths				
13.	Dr. M. Subramanian	Assistant Professor (Sr.G) / Maths				

ANNUAL REPORT for the year 2022-2023

List of events Conducted:

S.No	Event Name	Date	Resource Person
	Awareness Workshop on "Outcome	07.07.2022	Dr. P. S. Mayurappriyan Head – Accreditation Professor, Department of EIE Kumaraguru College of Technology, Coimbatore Dr. U. S. Ragupathy
1.	Based Education and Accreditation Process"	& 08.07.2022 (2 days)	CCO – Accreditation Professor, Department of EIE Kongu Engineering College, Perundurai
			Mr. R. Sivaramakrishnan AP (Sr.G), Department of CSE KPR Institute of Engineering and Technology, Coimbatore
2.	Student Centric Pedagogy	29.07.2022	Dr. K. Divakar Associate Professor Department of Biotechnology Sri Venkateshware College of Engineering, Sriperumpudur
3.	Awareness Program for AQAR	06.08.2022	Dr. J. Karpagam Head / IQAC, Professor, EEE
4.	Government Job Opportunities of Mechanical Engineering Students	13.08.2022	Mr. V. Sathyamoorthy Mr. R. Vivekanandan UNACADEMY (PAN INDIA)
5.	"Demystifying Outcome Based Education"	13.09.2022 & 14.09.2022 (2 days)	Dr. A. Abudhahir Director (IQAC), Dr. M. Mohammed Thaha Assistance Director (IQAC), B.S.Abdur Rahman Crescent Institute of Science and Technology, Vandalur, Chennai.

6.	AWARNESS PROGRAM ON OUTCOME BASED EDUCATION	29.10.2022	Dr. M. Kathivelu, Professor & Head /ECE Dr. J. Karpagam Head / IQAC Professor, EEE
7.	Awareness Session "Outcome Based Education"	06.12.2022	Dr. V. Kumar Chinnaiyan, Director – Student Affairs & Alumni Relations, KPRIET
8.	"Teaching Learning Process"	22.12.2022	Dr. P. Prem Kumar, Professor, Department of EEE, K S R College of technology, Tiruchengode

Detailed Reports of Events

Event No.	:	1				
Date	:	07.07.2022 & 08.07.2022 (2 days)				
Venue	:	Thanam Hall, KPRIET				
Level of the Event	:	Institute				
Type of Event	:	Awareness Workshop				
Title of the Event	:	Awareness Workshop on "Outcor Process"	ne Ba	sed Education and Accreditation		
In Association with		-				
Resource Person 1	:	Dr. P. S. Mayurappriyan Head – Accreditation Professor, Department of EIE Kumaraguru College of Technology, Coimbatore				
Resource Person 2	:	Dr. U. S. Ragupathy CCO – Accreditation Professor, Department of EIE Kongu Engineering College, Perundurai				
Resource Person 2	•	Mr. R. Sivaramakrishnan AP (Sr.G), Department of CSE KPR Institute of Engineering and Technology, Coimbatore				
Convener	:	Dr. J. Karpagam Head / IQAC Professor, EEE				
Co-conveners	:	Dr. L. Prabhu Associate Head / IQAC Assistant Professor (Sr.G), ME				
No. of Internal	:	Faculty	:	215		
Participant		Research Scholars	:	-		
(Count)		Students Others	<u>:</u>	-		
No. of External	:	Faculty	•	_		
Participant	-	Research Scholars	•	-		
(Count)		Students	•	-		
(Sourie)		Ottadorito	•			

Day 1:

A two day awareness workshop on "Outcome Based Education and Accreditation Process" was organized by Internal Quality Assurance Cell (IQAC). The session started with Tamil Thai Valthu. Dr. J. Karpagam, Head IQAC welcomed the gathering by mentioning the significance of this workshop. Principal Dr. M. Akila, KPRIET felicitated the gathering. The Principal had explicated on the primary goal of accreditations, about the role of IQAC in different accreditation processes like NBA, NAAC, NIRF etc. and process to be implemented in TIER-I accreditation process. The Principal also released "KPR Anthem" and reminded the gathering about the focus of KPR management on delivering the quality education.

Outcome

Dr. P. S. Mayurappriyan, Head / Accreditation & Professor / Department of EIE , Kumaraguru College of Technology, Coimbatore delivered talk on "**OBE Framework for TIER I Institutions**" in the morning session. The resource person has shared his insights and experiences on Outcomes and Objectives in NBA Framework, Teaching Learning Process, Curriculum Design and Development process, Taxonomy of Learning and Knowledge Categories. He was interacting with faculty members throughout the session and conducted several quiz on each topics of discussion.

In the afternoon session, **Dr. P. S. Mayurappriyan** handled the session with the consolidated information on different criteria for SAR preparation for NBA under the topic "**Nuances in SAR Preparations**". Guidelines for NBA readiness and the compliance status to Pre-Qualifier were also discussed during the session. The participants were benefitted by his speech and the same was conveyed through the feedback by them after the session. The day came to an end with the vote of thanks by Dr. S. Kanmani, IQAC coordinator & AsP Dept. of Civil Engineering. KPRIET.

Day 2:

The resource person for morning session on 08.07.2022 was **Dr. U. S. Ragupathy,** CCO / Accreditation & Professor, Department of EIE, Kongu Engineering College, Perundurai. Welcome speech was delivered by Dr. R. Devipriya, IQAC coordinator & Prof. Dept. of Artificial Intelligence and Data Science, KPRIET. Dr. M. Akila, Principal delivered the presidential address.

Dr. U. S. Ragupathy shared his deep knowledge and experiences on "**OBE Philosophy and Implementation**" to faculty members of KPRIET. Fruitful discussions were made throughout the session. He had discussed on OBE implementation through the on-spot activities and illustrated the different case studies. Activities conducted for the faculty members were inspiring. The resource person clarified the queries. Feedbacks were shared by the participants. Vote of thanks was proposed by Dr.M.Kalamani, IQAC coordinator & AsP, Dept. of ECE, KPRIET.

by The day afternoon session was handled Sivaramakrishnan, AP (Sr.G), Department of CSE, KPRIET. He has given a session on "Orientation on Updated Campus Management Software". The speaker was welcomed and introduced to the audience by Dr. A. Sowmya, IQAC coordinator & AP(SI.G), Dept. of Chemical Engineering. He explained about the new modules that are added in the CMS which enables the paperless work for faculty members and following the UN Sustainability Goals and to maintain Eco-friendly environment. The entire session was useful for the faculty members. The speaker has clarified all the doubts raised on the updated CMS of KPRIET.

On behalf of IQAC, the gratitude being expressed by Dr. L. Prabhu, Associate Head / IQAC and AP (Sr.G), ME for the support of the successful conduction of this event. The event came to an end with our National Anthem.

Poster:



Day 1- Photos







AWARENESS WORKSHOP

OUTCOME BASED EDUCATION AND ACCREDITATION PROCESS

07.08.2022

Day 2 - Photos





[INTERNAL QUALITY ASSURANCE CELL]





Frant No.		2				
Event No.	:	2				
Date	:	29.07.2022				
Venue	:	The Legend Hall, KPRIET				
Level of the Event	:	Institute				
Type of Event	:	Expert talk				
Title of the Event	:	Student Centric Pedagogy				
In Association with		Internal Quality Assurance Cell				
Resource Person	:	Dr. K. Divakar Associate Professor Department of Biotechnology Sri Venkateshware College of Engineering Sriperumpudur				
Convener	:	Dr. G. Anusha, Professor & Head / CIVIL Dr. J. Karpagam, Head / IQAC				
Co-conveners		Dr. S. Kanmani, AsP / CIVIL Dr. R. Dharmaraj, AsP / CIVIL				
	:	Faculty	:	25		
No. of Internal		Research Scholars	:	-		
Participant (Count)		Students	:			
,		Others	:	-		
No. of External	:	Faculty	:	-		
Participant		Research Scholars	:	-		
(Count)		Students	:	-		

The programme was organized by the Department of Civil Engineering in Association with Internal Quality Assurance Cell, to make the faculty aware on the tools for teaching pedagogy available in the open source.

Outcome

Dr. K.Divakar, addressed the faculty on the various pedagogy which includes learner centric method, Interactive method, tools for teaching-flipped class room, project based learning, peer teaching group study, ask open ended questions,, learning management tools – google class room, moodle, ekstep, skoolar, etc., He also clearly explained the digital learning management tools, and games.

Resource person also clarified the doubts raised by the faculty on the problematic subject in edpuzzle. Faculty were enjoyed the program with good exposure in the Student Centric Pedagogy.

Poster:



Photo:





Event No.	:	3				
Date	:	06.08.2022				
Venue	:	Marigold, KPRIET				
Level of the Event	:	Institute				
Type of Event	:	Workshop				
Title of the Event	:	Awareness Program for AQAR				
In Association with	:	Internal Quality Assurance Cell				
Resource Person	:	Dr. J. Karpagam Head / IQAC Professor, EEE				
Convener	:	Dr. J. Karpagam Head / IQAC Professor, EEE				
Co-conveners	:	Dr. L. Prabhu Associate Head / IQAC Assistant Professor (Sr.G), ME				
	:	Faculty	:	25		
No. of Internal Participant		Research Scholars	:	-		
(Count)		Students	:	-		
		Others	:	-		
No. of External	:	Faculty	:	-		
Participant		Research Scholars	:	-		
(Count)		Students	:	-		
Outcome	The awareness session on "Preparation of Annual Quality Assurance Report" was handled by Dr. J. Karpagam, Head/IQAC 06.08.2023. She presented the criteria wise details required for the annual report and SAF preparation as per the revised format released by NAAC for Higher Education Institutions (HEIs). Also she briefed about the procedure starting from the registration till the peer team visit.					

Photos:





Event No.	:	4				
Date	:	13.08.2022				
Venue	:	II MECH A & B, KPRIET				
Level of the Event	:	Department Level				
Type of Event	:	Seminar				
Title of the Event	:	Government Job Opportunities of	of Mec	hanical Engineering Students		
In Association with	:	Internal Quality Assurance Cell				
Resource Person 1	:	Mr. V. Sathyamoorthy UNACADEMY (PAN INDIA)				
Resource Person 2	:	Mr. R. Vivekanandan UNACADEMY (PAN INDIA)				
Convener	:	Dr.S.Ramesh Babu, HOD/ME Dr.J.Karpagam, Head/IQAC				
Co-conveners	:	Dr. S. Sathish, AP(Sr.G), ME Dr. B. Arulmurugan, AsP, ME				
	:	Faculty	:	05		
No. of Internal		Research Scholars	:	-		
Participant (Count)		Students	:	135		
		Others	:	-		
No. of External	:	Faculty	:	-		
Participant		Research Scholars	:	-		
(Count)		Students	:	-		
Outcome	:	 Students able to focus on topics wise for GATE preparation. Students able to know different public sectors recruiting mechanical engineers through GATE. Students able to manage time during GATE examination. Students able to utilize GATE preparation for top MNC job offers. Students able to utilize GATE preparation for higher studies at NIT's and IIT's 				

Report

Mr.V.Sathyamoorthy and Mr.R.Vivekanandan from Unacademy have handled parallel session for II MECH A and B sections from 9 am to 11 am about "Government Job Opportunities of Mechanical Engineering Students" on 13.08.2022 at II ME A & B classrooms. They deliberated about importance of GATE, Scope of GATE for mechanical engineering students, Effective preparation of GATE and Time management during examination. They also discussed about the statistics of previous years GATE scorers with respect to various public sectors like BHEL, NLC, SAIL etc. Students from both classes were interacted with resource persons regarding subject wise marks allotted in the question paper. Finally, students were received many ideas for easy preparation.

Poster:



Photos:





Event No.	:	5				
Date	:	13.09.2022 & 14.09.2022 (2 days)				
Venue	:	Thanam Hall, KPRIET				
Level of the Event	:	Institute				
Type of Event	••	Awareness Workshop				
Title of the Event	:	"Demystifying Outcome Based E	ducati	on"		
In Association with	:	-				
Resource Person 1	:	Dr. A. Abudhahir Director (IQAC) B.S.Abdur Rahman Crescent Ins Vandalur, Chennai.	Director (IQAC) B.S.Abdur Rahman Crescent Institute of Science and Technology			
Resource Person 2	:	Dr. M. Mohammed Thaha Assistance Director (IQAC) B.S.Abdur Rahman Crescent Institute of Science and Technology Vandalur, Chennai.				
Convener	:	Dr. J. Karpagam Head / IQAC Professor, EEE				
Co-conveners	:	Dr. L. Prabhu Associate Head / IQAC Assistant Professor (Sr.G), ME				
	:	Faculty	:	75		
No. of Internal Participant		Research Scholars	:	-		
(Count)		Students	:	-		
		Others	:	-		
No. of External	:	Faculty	:	-		
Participant		Research Scholars	:	-		
(Count)		Students	:	-		
Outcome	:	Day 1:		'		

The workshop on "Demystifying Outcome Based Education" organized by Internal Quality Assurance Cell (IQAC). On 13.09.2022 at 9.30 AM, the workshop started with KPR Anthem. Welcome speech was delivered by Dr.J.Karpagam, Head IQAC with the small note on the importance of Outcome based education. Dr.M.Akila, Principal KPRIET enlightened the gathering with her speech about implications of OBE and things to be taken care in TIER-I accreditation process.

Dr.A.Abudhahir, Director-IQAC, B.S. Abdur Rahman Crescent Institute of Science & Technology, Vandalur, Chennai delivered talk on "OBE Nuances and Implementation Challenges – NBA Accreditation Perspective". He shared his insights and experiences on outcomes and objectives in NBA framework like articulation of Vision, Mission, PEOs, PSOs and POs. Jigsaw activity was conducted during hands on session. The faculty members were divided into groups and the each team was asked to present their given task.

Day 2:

On 14.09.2022, the session started interacting with Dr.A.Abudhahir. He shared his expertise and experiences on "Outcome Based Curriculum Design – CDIO model". Discussions were about the curriculum design and the ways and means to implement the same. In the afternoon session he delivered the information on criteria-wise SAR preparation for TIER-1 institutions. Guidelines for NBA readiness and the compliance status to Pre-Qualifier were also discussed during the session. The participants were benefitted by his sessions and the same was conveyed through the feedback by them after the session.

Poster:











Two Days Workshop on

"Demystifying Outcome Based Education"



Dr. A. Abudhahir
Director (IQAC)
B.S. Abdur Rahman Crescent
Institute of Science & Technology
Vandalur, Chennai

Date: 13.09.22 & 14.09.22

Time: 09:30 am to 04:30 pm Venue: Thanam Hall

Day 1- Photos:







Day 2 - Photos:



:	6				
:	29.10.2022				
:	III ECE C Classroom				
:	Department Level				
• •	Association Activity				
• •	AWARNESS PROGRAM ON OUTO	OME	BASED EDUCATION		
• •	IQAC				
	Dr. B. JAISHANKAR, Prof/ECE,	KPRII	ET		
	Dr. M. Kathivelu, Professor & Head /ECE Dr. J. Karpagam Head / IQAC Professor, EEE				
	Dr. V. Seethalakshmi, Professor /ECE Dr. M. Kalamani, Professor /ECE				
• •	Faculty		2		
	Research Scholars	• •	-		
	Students	• •	67		
	Others	• •	-		
• •	Faculty	• •	-		
	Research Scholars		-		
	Students	:	67		
Students got awareness about Outcome based education the main component of NBA accreditation The awareness program on "Outcome based education organized by the department of ECE in coordination with Internal Quality Assurance Cell (IQAC), KPR Institute of Engineering Technology on 29.10.2022 through offline mode in III ECE C			tion n "Outcome based education" was n coordination with Internal KPR Institute of Engineering and		
		 : 29.10.2022 : III ECE C Classroom : Department Level : Association Activity : AWARNESS PROGRAM ON OUTO : IQAC : Dr. B. JAISHANKAR, Prof/ECE, Dr. M. Kathivelu, Professor & Head /ECE : Dr. J. Karpagam Head / IQAC Professor, EEE : Dr. V. Seethalakshmi, Professor Dr. M. Kalamani, Professor /ECE : Faculty Research Scholars Students Others : Faculty Research Scholars Students Students Others : Faculty Research Scholars Students Others : Others : Others	 : 29.10.2022 : III ECE C Classroom : Department Level : Association Activity : AWARNESS PROGRAM ON OUTCOME : IQAC : Dr. B. JAISHANKAR, Prof/ECE, KPRI Dr. M. Kathivelu, Professor & Head /ECE : Dr. J. Karpagam Head / IQAC Professor, EEE : Dr. V. Seethalakshmi, Professor /ECE : Dr. M. Kalamani, Professor /ECE : Faculty : Research Scholars : Students : Others : Faculty : Research Scholars : Students : Students : Others : Students : Others : Taculty : Faculty : Research Scholars : Faculty : Faculty : Faculty : Faculty : Teacy of the department of NBA accreditation or organized by the department of ECE in Quality Assurance Cell (IQAC), Technology on 29.10.2022 through off 		

The session was started by 10:00am. The session was handled by Dr.B.Jaishankar, Professor, department of ECE, KPR Institute of

Engineering and Technology. During the session, the resource persons gave insight of course outcomes, Program outcome,

program specific outcome and significance of outcome based education. Outcome-Based Education (OBE) is a student-centric teaching and learning methodology in which the course delivery, assessment are planned to achieve stated objectives and outcomes. It focuses on measuring student performance i.e. outcomes at different levels.

He discussed some important aspects of the Outcome Based Education given below

- 1. Course
- 2. Course Outcome (CO)
- 3. Programme
- 4. Programme Outcomes (POs)
- 5. Program Educational Objectives (PEOs)
- 6. Programme Specific Outcomes (PSO)
- 7. Graduate Attributes (GA)

Totally, 67 participants are participated in this seminar. The session is highly motivated and created an awareness among the participants to enrich their skills to become globally competent. The participants are actively participated during the session and showed very much interest and posted many questions during the session.

The webinar was coordinated by Dr.V.Seethalakshmi, Professor, department of ECE and Dr.M.Kalamani, Professor, department of ECE. Dr.M.Kalamani delivered the vote of thanks and the program came to an end at 11:00 am. This event was well appreciated by the participants through oral feedback taken and requested to organize the similar programs in future.

Poster:



Photos:





Event No.	:	7				
Date	:	06.12.2022				
Venue	:	Online				
Level of the Event	:	College Level				
Type of Event		Association Activity				
Title of the Event		Awareness Session "Outcome B	ased E	Education"		
In Association with	:	IQAC				
Resource Person	:	Dr. V. Kumar Chinnaiyan, Director – Student Affairs & Alum KPRIET	nni Rel	lations,		
Convener	:	Dr. J. Karpagam, Head / IQAC, Professor, EEE KPRIET				
Co-conveners	:	Mr. P. Ravi kumar, AP(Sr.G) / EEE, KPRIET				
		Faculty	:	-		
No. of Internal Participant		Research Scholars	:	-		
(Count)		Students	:	20		
		Others	:	-		
No. of External	••	Faculty	:	-		
Participant		Research Scholars	:	-		
(Count)		Students	:	-		
Outcome	:	The session was handled by Dr. V. Kumar Chinnaiyan. He shared his expertise and experiences with the students. He explained about the Outcome Based Curriculum Design, Teaching-Learning process and the ways and means to implement the same. The participants were benefitted by his sessions and the same was conveyed through the feedback by them after the session.				

Poster:

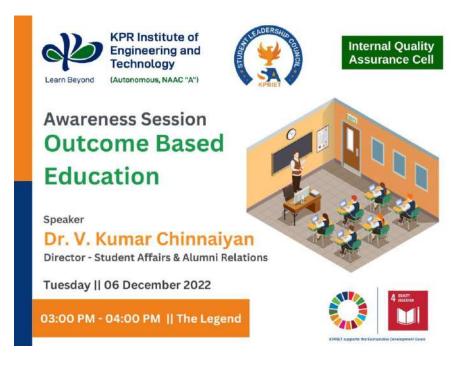


Photo:





Date	:	22.12.2022				
Venue	:	Online				
Level of the Event	:	Department Level				
Type of Event		Workshop				
Title of the Event	:	"Teaching Learning Process"				
In Association with	:	IQAC				
Resource Person	:	Dr. P. Prem Kumar, Professor, Department of EEE, K S R College of technology, Tire	uchen	gode		
Convener	:	Dr. P. Geetha, Director Freshmen Programme, KPRIET Dr. J. Karpagam, Head / IQAC, Professor, EEE KPRIET				
Co-conveners		Dr. M. Myvizhi, AP(SI.G) / Math Dr. M. Subramanian, AP(Sr.G) / Math				
		Faculty	:	-		
No. of Internal Participant		Research Scholars	:	-		
(Count)		Students	:	55		
		Others	:	-		
No. of External	:	Faculty	:	-		
Participant		Research Scholars	:	-		
(Count)		Students	:	-		
Outcome	:	KPR Institute of Engineering and Technology organized a One day workshop on "Teaching Learning Process" on 22 nd of December, 2022 at 05.30 pm to 06.30 pm. The Speaker of the lecture was Dr. Prem Kumar P, Professor, Department of EEE, K S R College of technology, Tiruchengode. The Convener of the workshop was Dr. Geetha P, Director Freshmen Programme, KPRIET and Dr. Karpagam J, Head, IQAC, KPRIET. The coordinator of the workshop was Dr. Myvizhi M, Assistant Professor (SI.G) and Dr. Subramanian M, Assistant Professor(Sr.G), Department of				

Mathematics, KPRIET.

Dr.M.Myvizhi, Assistant Professor (SI.G), Department of Mathematics. welcomes the gathering. The resource person of the workshop was Dr. Prem Kumar P, Professor, Department of EEE, K S R College of technology, Tiruchengode. He described about the benefits of teaching and learning process for the department and our institution. He also informed that to improve the academic structure of our community and institution through research. And also deliberated that the benefits of teaching and learning process. The participants effectively interacted with the Resource person in an effective manner with interactive lessons. The active participation of the participants made the resource person extend the timing of the workshop. The doubts of the participants were efficiently clarified during and at the end of the session by the resource person.

Around 55 participants were attended. Through the feedback session, it was clearly identified that the participants enjoyed the session and found it useful and informative, the resource person was friendly and approachable. The session ended with the vote of thanks proposed by Dr. M. Subramanian.

Poster:



Photo:



