



Karunya INSTITUTE OF TECHNOLOGY AND SCIENCES

(Declared as Deemed to be University under Sec.3 of the UGC Act, 1956)

MoE, UGC & AICTE Approved

NAAC A++ Accredited

Internal Quality Assurance cell

KITS/IQAC/Meet/4838/2023

Date: 28.07.2023

Minutes of the 24th IQAC Meeting held on 28th July 2023 at 03.00 p.m. through online Zoom Meet

Members Present:

External:

1. Mr. P. Jeyasingh - COO, Jasmin Infotech, Chennai
2. Dr. Monica Subashini. M, Assistant Director, Office of Ranking and Accreditation VIT.
3. Mr. R. Jerald, Senior Technologist, Department of Radiology, PSG Hospital, Coimbatore
4. Mr. Antony Amburose, Senior Architect, Bosch India.

Internal:

5. Dr. G. Prince Arulraj - Vice Chancellor & Chairman
6. Dr. E.J. James – Pro-Vice Chancellor (SI & R)
7. Dr. Ridling Margaret Waller - Pro-Vice Chancellor (QS)
8. Dr. R. Elijah Blessing - Registrar
9. Dr. Elizabeth Amudhini Stephen- Controller of Examinations
10. Dr. C. Joseph Kennady – Dean - School of Sciences, Arts, Media and Management
11. Dr. Ciza Thomas, Dean - School of CST
12. Dr. Sajan Kurien – Dean - School of Agriculture and Biosciences
13. Dr. J. Clement Sudhahar, Dean – School of Management
14. Dr. D. Nirmal, Associate Dean – School of Engineering & Technology
15. Dr. A. Brusly Solomon, Associate Professor, Mechanical Engineering.
16. Dr. J. Anitha, Professor, ECE
17. Dr. M. Mythily, Assistant Professor, CSE
18. Dr. D. Pamela, Associate Professor, Biomedical Engineering.
19. Dr. V. Jegathesan, Asso. Professor, Robotics Engineering Faculty Nominees
20. Dr. A. Sakunthala, Asst. Professor, Physical Sciences
21. Prof. V. Lawrence, Professor, Management Studies
22. Dr. M. Suguna Devakumari, Asst. Professor, Agriculture Sc.
23. Ms. S. J. Amy Dewysyl, URK21AE1027
24. Mr. Joel Richard G, URK20CS2091
25. Ms. Nishitha Wilfred, URK21BT1052
26. Ms. Madhu Pankajam N, URK20ACI044
27. Ms. Soundarya V, PRK22EC1001
28. Mr. Roshandass Ramesh, PRK2IMS1054
29. Dr. S. Vincent Sam Jebadurai, Asst. Professor, Civil Engineering
30. Dr. P. Evanzalin Ebenanjar, Asst. Professor, Maths
31. Dr. J. Jenkin Winston, Asst. Professor, ECE
32. Dr. M. Wilson Kumar, Asst. Professor, Mechanical Engineering

33. Dr. Kowsalya G, Asst. Professor, Mathematics
 34. Ms. V. Leena Sharon, Asst. Professor, Biotechnology
 35. Dr. D. Tensing - Director - Quality Assurance & Accreditation

S. No	Details Discussed	Action to be taken
1	24 th IQAC Meeting commenced with an Opening Prayer by Dr. D. Pamela, Associate Professor, Biomedical Engineering.	
2	Dr. G. Prince Arulraj, Vice Chancellor extended a warm welcome to both the External and Internal members of the IQAC during the meeting and delivered the opening remarks.	FIO
3	<p>Overview of KITS – Dr. Ridling Margaret Waller, Pro Vice-Chancellor (QS)</p> <p>Dr. Ridling Margaret Waller, Pro Vice-Chancellor (QS), presented an overview of KITS, shedding light on the sprawling beauty of the campus and the redesigned Administrative Block. She offered a glimpse of the Accreditations, Recognitions, and Approvals obtained by KITS as given below:</p> <p><u>Institutional Recognitions, Accreditation, Approval</u></p> <ul style="list-style-type: none"> • Eight Programs including 3 B. Tech programs (ECE, CSE, & Biotechnology), 4 M. Tech programs (Structural Engineering, VLSI, CSE, Biotechnology), and 1 MBA program are accredited by NBA. Accreditation for 5 more programs (4 UG and 1 PG Engineering Programs) will be pursued during 2023-24. • The National Assessment and Accreditation Council (NAAC) has awarded KITS with A++ grade with a score of 3.53, valid from August 2022 to 2027. • B.Sc Agriculture Program is accredited by ICAR for 5 year period from 2022 to 2027. • KITS was awarded with Diamond Rating by QS I-Gauge Rating. • In the National Institutional Ranking Framework (NIRF), KITS featured in the Rank band 101-150 in both Engineering and University categories. In NIRF Innovation Ranking, KITS featured in the Rank band 51-100. • KITS obtained approval from the All India Council for Technical Education (AICTE) for all the Engineering and Management Programs for 2023 - 24. <p>A detailed comparison on NAAC Cycle 1 and Cycle 2 scores highlighting the significant improvement in all metrics which led to achieving a score of 3.53 on 4.</p> <p>The comprehensive fact file of KITS was extensively deliberated, and the presented facts are outlined below.</p>	FIO

- Student Strength: 8352
- Undergraduate Programs: 23
- Postgraduate Programs: 21
- Ph.D. Programs: 24
- Total Grant Received: Rs. 31.77 Crore
- Grant Received (2020-2023): Rs. 11.24 Crore
- Total Scopus and WoS Publications: 10688
- Scopus and WoS Publications (2020-2023): 4738
- h-index: 89 (Scopus) and 77 (WoS)
- Consultancy Projects: Rs. 3.85 Crore
- Patents Published: 118
- Patents Granted: 22
- Central Labs: 8
- Industry Labs: 10
- Campus Area: 476 Acres
- Built-up Area: 2.44 Lakh sq.m
- Agricultural Farm: 329 Acres
- Memorandums of Understanding (MoUs): 63
- Museums: 2 (Product and Water museum)

Significant Faculty Awards

World Top 2% scientists

Achievements of 5 faculty members who were recognised as World Top 2% Scientists by Stanford University was well recognised.

1. Dr. Sneha Gautam – Civil Engineering
2. Dr. L. Godson – Mechanical Engineering
3. Dr. D. Jude Hemanth – ECE
4. Dr. Immanuel Selvakumar – EEE
5. Dr. Dibyajyoti Halder – Bio-Technology

IETE – Smt. Manorama Rathore Memorial Award - 2022

Dr. D. Nirmal – Professor, ECE

Mokshagundam Visvesvaraya Award -2022

Dr. N. Anand, Professor, Civil Engineering

Highest H-index

Dr. Nandhakumar, Professor, Chemistry – H-index-34

The Funded laboratories and Research facilities, encompassing central labs and industry labs for skill development centers, along with a state-of-the-art media center were also highlighted.

- AICTE Funded RF lab
- MoFPI funded pilot plant
- DST Nanomachine lab
- NASA USA Aeronet

IAESTE Internships

Countries Represented (Inbound) : 34 (2020-2023)

Countries Represented (Outbound): 46 (2020-2023)

	<table><tr><th colspan="2">Outbound Interns</th></tr><tr><td>2020</td><td>5</td></tr><tr><td>2021</td><td>11</td></tr><tr><td>2022</td><td>19</td></tr><tr><td>2023</td><td>11</td></tr></table> <table><tr><th colspan="2">Inbound Interns</th></tr><tr><td>2020</td><td>1</td></tr><tr><td>2021</td><td>12</td></tr><tr><td>2022</td><td>7</td></tr><tr><td>2023</td><td>14</td></tr></table> <p>Research Outcome (2020 -2023)</p> <ul style="list-style-type: none">• Funded Research Projects: ₹11.24 crore• Patents: 84• Scopus Publications: 3099• WoS Publications: 1639• Seed Grant: ₹170.87 Lakh <p>Additionally, notable initiatives include:</p> <ul style="list-style-type: none">• Product Museum Inauguration: April 12, 2022• Registered KITS Incubation Foundation under Section 8 of the Companies Act<ul style="list-style-type: none">▪ Student Incubatees: 9 teams (23 students)▪ Faculty Incubatees: 13 teams (39 faculty)▪ Registered 4 industries	Outbound Interns		2020	5	2021	11	2022	19	2023	11	Inbound Interns		2020	1	2021	12	2022	7	2023	14	
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4	Dr. E. J. James, Pro VC (SI & R), highlighted the significance of the Water Summit that took place on September 17, 2022.	FIO																				
5	<p>IQAC Presentation – Dr. D. Tensing, Director (QAA)</p> <ul style="list-style-type: none">• Director QAA gave an overview of the IQAC Composition and welcomed the Member Nominee from Local society, Alumni Nominee, Nominee from the employer/Industrialist/Stakeholder• He outlined the designated roles and responsibilities of the office of Quality Assurance and Accreditations which are given below:<ul style="list-style-type: none">• Dr. Vincent – IQAC Co-ordinator for NAAC• Dr. Evanzalin – IQAC Co-ordinator for NBA• Dr. Jenkin – IQAC Co-ordinator for NIRF and ARIIA• Dr. Wilson – IQAC Co-ordinator for handling OBE and course files• Dr. Kowsalya and Dr. Leena Sharon – IQAC Co-ordinator for NAAC and NBA documentation and verification• Mr. Renith Sam – Assistant IQAC Co-ordinator for document verification• Mr. John Nicks - Assistant section officer. <p>IQAC Activities</p> <ul style="list-style-type: none">• Executing Outcome-Based Education (OBE)• Integrating Blended Learning Practices	FIO																				

	<ul style="list-style-type: none"> • Conducting Online Feedback on Teaching & Learning • Auditing Course Files • Preparing NAAC Annual Quality Assurance Report (AQAR) • Participating in NIRF/ARIIA Ranking • Accreditation from NBA, ICAR, ACBSP for MBA • Pursuing QS Ratings & THE Ranking • Recognizing Faculty Achievements • Compiling the Annual Report. <p>Ongoing activities of IQAC</p> <ul style="list-style-type: none"> • IQAC – Post Accreditation Initiatives (NAAC) – Target Setting and review. • Internal Assessment Audit • NAAC Preparations for 2027 • NBA Preparations • Training Programmes planned by Head IQAC in co-ordination with IQAC-KITS <p>Faculty Empowerment/Training Programs organized</p> <ul style="list-style-type: none"> • Blended Learning • OBE • Research Publications, IPR, Patents, Funded projects & Consultancy • Policies and Procedures of the University • Faculty Induction Programmes <p>NTS Training Programs organized</p> <ul style="list-style-type: none"> • MS Word - Documentation • MS Excel – Data compilation <p>It was reported that the IQAC in co-ordination with Head – Training has conducted a total of 33 events for the faculty members and NTS.</p> <ul style="list-style-type: none"> • As the IQAC composition is revised, the contribution of earlier External and Internal experts were well recognised and documented. • Targets for the next 5 Years from 2022-23 to 2026-27 were given to the Departments and other Offices to prepare the University to proceed successfully in the third cycle of NAAC Accreditation to continue obtaining A++ grade. 	
6	<p>Feedback and Recommendations from External Members</p> <p>1. Dr. Jeyasingh</p> <ul style="list-style-type: none"> • Commended the entire team for their commendable efforts and planning. • Highlighted that the standout feature of KITS is its emphasis on Innovation and Research Practices. <p>2. Ms. Monica Subashini. M</p> <ul style="list-style-type: none"> • Emphasized the importance of teamwork. • Suggested encouraging paper publications by undergraduate students. 	FIO

	<ul style="list-style-type: none"> Highlighted the significance of Extension and Outreach programs aligning with Sustainable goals. <p>3. Mr. Antony Amburose</p> <ul style="list-style-type: none"> Expressed concern about employability and expressed his willingness to provide support and contribute. <p>4. Mr. R. Jerald</p> <ul style="list-style-type: none"> Commended on the quality of Biomedical Lab facilities. Acknowledged the effectiveness of the placement process. Suggested exploring collaboration opportunities with the medical sector. 	
7	<p>Concluding Remarks by Pro-VC (SI & R)</p> <p>Dr. E.J. James, Pro-VC (SI & R) concluded the meeting by expressing his gratitude to all participants for their contributions and emphasized the collective commitment to enhancing KITS' academic reputation.</p> <p>He commended the efforts undertaken by IQAC at KITS and offered an overview of their practices:</p> <ul style="list-style-type: none"> Quality is sustained through ongoing reviews. IQAC demonstrates proficiency in training. Conducts regular academic audits. Evaluate the standards of internal and external assessment question papers. Implemented Outcome-Based Education (OBE). <p>He suggested to employ a strategic plan for monitoring and reviewing, incorporating Logical Framework analysis.</p>	IQAC
8	Dr. Vincent Sam Jebadurai, IQAC Co-ordinator delivered the Vote of Thanks.	FIO
9	The meeting concluded with a prayer led by Dr. Elizabeth, the Controller of Examinations.	

*FIO – For Information Only



Director – QAA

Copy to:

The Vice Chancellor
Pro-Vice Chancellors/Registrar/Deans/HoDs
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Action Taken Report on the Minutes of the 24th IQAC Meeting held on 28th July 2023

Sl.No	Item Discussed	Action Taken
1	Paper publications by undergraduate students	Undergraduate students are encouraged to participate in taking up research projects and publish their findings in Scopus and WoS indexed Journals. 35 publications could be published during 2023-24. Many papers are in process as the Project works are being completed.
2	Concern about employability	In the academic year 2022-23, a total of 1188 students were placed, while 378 students pursue their higher studies. In this academic year 2023-24, 1250 students were successfully placed so far
3	To explore Collaboration opportunities with the medical sector.	KITS has collaborations with 1. PSG Institute of Medical Science for joint research and publications, 2. Jubilee Mission Medical College and Research Institute, Trissur, 3. Ortho One, CBE, 4. Ganga Hospital (Funded Project), 5. Apollo Hospitals, Madurai & Chennai (Internships) and several other hospitals for internships.

Director – QAA

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