

RAMCO INSTITUTE OF TECHNOLOGY
MEMEBERS OF INTERNAL QUALITY ASSURANCE CELL (IQAC)
As on 18.02.2023

Sl.No.	Composition	Category	Member
1.	Chairperson	Head of the Institution	Dr.L.Ganesan, Principal
2.	Teachers to represent all level (Three to eight)	Professor and Head	Dr.K.Vijayalakshmi, CSE
		Professor and Head	Dr.S.Kannan, EEE
		Professor and Head	Dr.M.Kaliappan, AD
		Professor and Head	Dr. K. Basari Kodi, Maths
		Professor and Head	Dr.O.Senthilkumar, Chemistry
		Associate Professor	Dr.S.Dharmar, Civil
		Associate Professor	Dr.P.Sureshkumar, Mech.
		Associate Professor	Dr.L.Sathikala, Maths
		Associate Professor	Dr.M.Ananad, English
		Assistant Professor (S.G)	Mrs.M.Swarna Sudha, CSE
		Assistant Professor (S.G)	Dr.M.Lakshmanan, Mech.
		Assistant Professor	Dr. R. Srinivasan, Physics
		Assistant Professor	Dr. R. Naganathan, English
		3.	One member from the Management
4.	Few Senior Administrative officers	GM (Admin)	Mr.K.S.Selvaraj
		Librarian	Mr.K.Chandran
		Asst. Physical Director / NCC Officer	Lt.R.Aishwarya devi
		Training and Placement Officer	Ms.K.B.Uthra
		NSS Officer	Dr.P.Thiruramanathan, Physics
		Exam Cell In charge	Mr.A.Arunkumar, AP(SG)/ EEE
5.	One Nominee each from local society, Students and Alumni	Nominee from Local Society	Mr.T.S.Subramaniya Raja, Official of NGO, 170/191, Ramaraj Street, Sakkaraja Kottai, Rajapalayam.
			Mr. V. Jothikrishna, Tamizhan Siragugal Trust, Reg No:09/2021 2/200/58,Lakshmi pathi Nagar, Periyavallikulam, Aruppukkottai (tk), Virudhunagar - 626004
		Nominee from Stakeholders - Students	1. Mr.M.Balaji Reg. No. 953621103301, II / Civil 2. Ms.M.Mahesh Selvalakshmi Reg. No. 953621104026 II / CSE 3. Mr.V.Vimal Anand Reg. No : 953621105058 II / EEE 4. Ms.G.Thivyaa Reg. No : 953621106024 II / ECE 5. Mr.P. Ganesh Kumar Reg. No: 953621114010 II / Mech. 6. Mr. N. Vishakan Reg. No : 953621243060 II / AD

Sl.No.	Composition	Category	Member
		Nominee from Alumni	Mr.S.Marutharaj, Civil Mr. K.Kandha Vivek Raj, CSE Mr. M. Hariprasath, EEE Mr.P.Muthukrishnan, ECE Mr.K.Raghuram, Mech.
		Nominee from Employer	Mr.A.Thulasiram, DGM-Factory Head, Gowri House Metal Works LLP, Rajapalayam
		Nominee from Industrialists	1. Mr.Senthil Ramalingam, Senior Director - Integrated Digital Engineering (IDE), Cognizant, Coimbatore. 2. Mr.Leni Davidson, General Manager - Head Central, Quality Assurance, Wheels India Limited, Chennai.
6.	One Nominee each from Employers/ Industrialists/ Stakeholders	Nominee from Stakeholders - Parents	1. Mr.V.Pandimurugan, F/o P.Sibi Bala, II / Civil 2. Mr.G.Muthuraj F/o Ms.M.Mahesh Selvalakshmi, II/ CSE 3. Mr.A.Rajagopal F/o. R. Shree Harish -II /ECE B 4. Mr.K.Selvaraj, F/o. S.Sibirakesh, II / Mech. 5. Mr.S.Muthuramalingam F/o Ms.M.Muthulakshmi, II/AD
		Nominee from Stakeholders – ISO Certification Agency	Dr.V.Viswanathan Assistant General Manager, Certifications of Management Systems, Systems, TUV Rheinland(India) Pvt. Ltd., Coimbatore – 641 037
		Nominee from Academic Expert	Mr.R.Jaganathan, Associate Professor, HoD/Mathematics, Coordinator of IQAC, Ayya Nadar Janaki Ammal College, Sivakasi – 626 124
7.	Mentoring and Guiding IQAC activities	One of the senior faculty member	Dr.S.Rajakarunakaran, Vice Principal, Prof. and Head/Mech.
8.	IQAC Co-ordinator	Nominee from faculty member	Dr.V.Sivakumar, ASP/Mech.

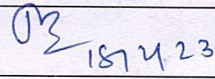
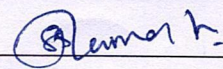
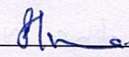
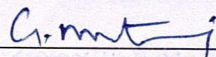
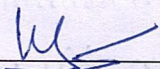

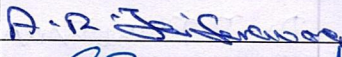
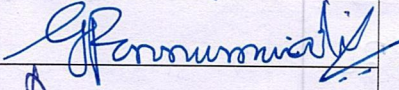
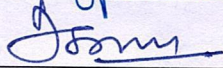
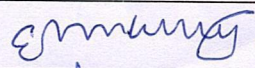
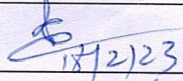
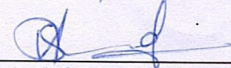
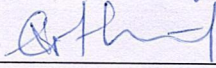
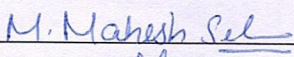
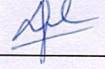
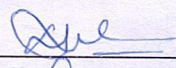
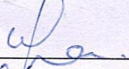
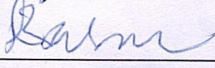
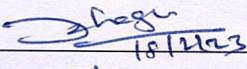
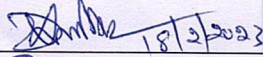
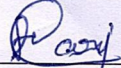
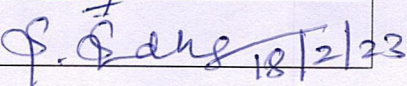
V. Sridharan
14/3/23
IQAC Coordinator

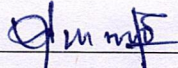
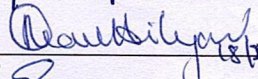
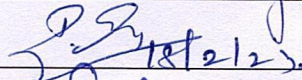
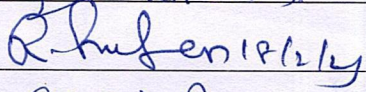
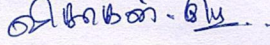
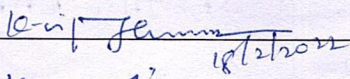
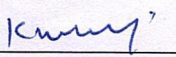
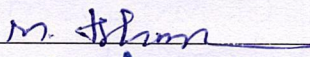
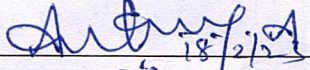
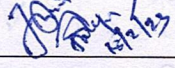
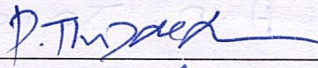
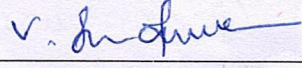
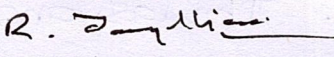
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Vice Principal

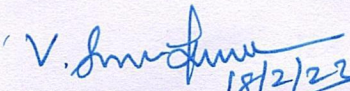
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Principal

RAMCO INSTITUTE OF TECHNOLOGY
13th Internal Quality Assurance Cell Meeting
Attendance Sheet

Date: 18.02.2023

Sl.No.	Name with Designation/ Year of Study	Signature
1.	Dr. L. CAMESAN. PRL.	 18/2/23
2.	SENTHIL RAMALINGAM	
3.	S. KANNAN TRCL.	
4.	G. MUTHURAJ.	
5.	K. Selvaraj TRCL	
6.	Dr. P. Venkumar	
7.	A.R. JALSARAVANA	
8.	G. Ponnuomuniandi	
9.	Thulasiram.	
10.	K.S.SELVARAJ	
11.	S. Rajakannurkannan	 18/2/23
12.	V. Vimal Anand , Mech	
13.	G. V. Jhinjya , II ECE	
14.	M. Mahesh Selvakshani , II CSE	
15.	Dr. B. Deepa Lakshmi , ASP/ECE	
16.	Dr. L. Lathikala , ASP/Mathematics	
17.	Uthra. K.B. TPO	
18.	K. Basani Kadi Prof/Maths	
19.	Dr. A. Ashaga Jai Sudhan Peshani. ASP/ECE	 18/2/23
20.	D. Karthik Prabhu, AP(SW)/EEE	 18/2/2023
21.	M. HARI PRASATH, ALUMNI	
22.	M. SWARNA SUDHA AP(SG) CSE	 18/2/23

Sl.No.	Name with Designation/ Year of Study	Signature
23	M. Anand / English	
24	Dr. N. Karthikeyan Asp/Physics	 18/2/23
25	P. CHANDRAN / Librarian	 18/2/23
26	Dr. R. Srinivasan AP/Physics	 18/2/23
27	Vishakan. N	 18/2/23
28	Dr. K. Vijayalalitha / HoD/CS	 18/2/2023
29	K. Kandha Vivek Raj / 2013-2017	 18/2/2023
30	M. LALITHANATHAN, AP/EE / MECH	 18/2/23
31	Arun Kumar A, AP(SG)/EEE	 18/2/23
32	R. Arun Kumar, AP (SG) / MECH	 18/2/23
33	Dr. P. THIRUBANATHAN, AP/PHY	 18/2/23
34	V. Sivakumar	 18/2/23
35	R. Jagannathan.	 18/2/23


18/2/23
IQAC Coordinator


18/2/23
Vice Principal


18/2/23
Principal

RAMCO INSTITUTE OF TECHNOLOGY, RAJAPALAYAM

Minutes of IQAC Meeting – 13

14.03.2023

The 13th IQAC meeting was conducted in hybrid mode as per the request from IQAC members. The newly nominated IQAC member from industry Mr. Leni Davidson, General Manager – Head Central, Quality Assurance, Wheels India Limited, Chennai, Mr.K.Raghuram, RIT - Alumni (Batch 2018-2022) and Dr.S.Kannan, Prof. and Head/EEE – is attended this meeting through Google Meet.

Google Meet Link: <http://meet.google.com/cts-xiau-yyu>

Other IQAC members are physically present and shared their valuable suggestions in the Dept. of Mech. Engineering Seminar Hall.

Dr.V.Sivakumar, ASP/Mech., formally welcomed all the internal and external IQAC members to the 13th IQAC meeting. The agenda of the meeting as follows.

AGENDA

S.No.	Points of Discussion/ Note on Agenda
1.	Student Admission
2.	Review of Academics – Teaching and Learning
3.	Review of Academics – Assessments and Evaluation
4.	Student Progression (Co-curricular and Extra-Curricular)
5.	Review of IIC/ED Cell/MSME
6.	Research and Development
7.	Faculty Recruitment, Career advancement & faculty performance appraisal
8.	Training and Placement Progress
9.	Infrastructure development and budget expenditures
10.	Awards and recognition by the institution
11.	IQAC Progress and Status of AQAR 2021-22

Minutes of previous meeting & Action Taken Report: The minutes of the 12th IQAC meeting which was held on 27.10.2022 was confirmed. The action taken report on the same was also deliberated and approved.

Sl.No.	Activities/Tasks proposed	Action Taken
1.	Details about academic audits conducted during this period should be reflected in the AQAR 2021-2022.	Included in the 1.1 Curricular Planning and implementation and 6.5.2. Quality assurance initiatives of the institution in the AQAR 2021-22.
2.	The salient feedbacks (department wise) received from the students, addressed then and there in the class committee meeting (Ref: Respective Minutes of CCM), and the summary of the same will be presented in the external IQAC	Discussed and collected the opinion from the department level Criteria 1 coordinators on 18.01.2023. The analysis and action taken report to be uploaded on website before uploading AQAR 2021-22.

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Sl.No.	Activities/Tasks proposed	Action Taken
	meeting. The analysis and action taken report should be available on the web site.	
3.	Analysis about student enrollment in the AY 2022-2023 through GQ and MQ should be presented in the next external meeting.	Presented in the 13 th IQAC meeting presentation.
4.	Mechanisms practiced to identify slow learners and advanced learners (department wise) should be compared, and best practices shall be proposed in the next meeting.	Additional input given to slow learners:- Periodic mentoring, Conducting special classes, Sharing short notes, Formula sheet & Study Guide, Additional writing practice, & Supporting during hostel study hour Additional input to Advanced learners:- <ul style="list-style-type: none"> • Assigning Mini & Micro Projects • Motivating to do Online Courses • Permitting to do Internship • Providing Gate Training Department wise best practices suggested for implementation based on the report received from the previous Academic Year.
5.	The progress of mentoring mechanism should be tracked by department.	Tracking mechanism to be approved in the respective DAC for effective implementation.
6.	Academic Yearly attainment of CO for all the courses and PO/PSO for all the programmes should be available on the website.	Decided to upload the details after getting approval in the respective DAC and PAQIC
7.	Write up about IIC, EDC, IPR Cell, Patent filed, published, and initiatives of Incubation Centre, should be reflected in innovation and eco system.	The suggested content is proposed to include in the Criteria 3 AQAR 2021-22 (Any other matter). It will be considered also during the submission of SSR for NAAC second cycle.
8.	Include the particulars of the journal publication in a detailed approach: link landing to the paper/article, link to the journal website, and indicate in the data template against each paper the presence of the paper in the UGC CARE list/Scopus/Web of Science/other clearly	Suggestion is included in Criteria 3
9.	Provide screenshots of research articles clearly showing the title of the article, affiliation, name of the journal, year, and author's name if the links and DOI number are not available.	All the submitted papers are having DOI number.

Sl.No.	Activities/Tasks proposed	Action Taken
10.	Ensure that all the enrolled students engage in the extension activities for the academic year 2022-2023. A proper attendance record should be maintained.	Mentors are motivating the students to participate at least one extension activity per year. Now maintaining the student participation attendance in all the extension activities conducted by NSS/NCC/various clubs
11.	Ensure the following facilities are available on campus; they should be reflected in the write up: CCTV surveillance of the full campus, certificate of building safety from disaster management authorities (if available), Fire Safety Certificate from Relevant Authorities and Laboratory and Workshop Facility Certification from Some Standard Organizations	Suggested content is included in the write up about 4.1 Physical facilities
12.	Conduct a specific program about the various eligible scholarships for all the students enrolled in the program. Educate them on how to inform the office or SPOC about scholarships available from various agencies.	Proposed to conduct in the AY2023-2024 (Odd Semester)
13.	In student progression, EDC should collect the self-declaration form from the alumni startup, incubator, entrepreneur, or family business where they are yet to register their firm officially.	Initiated the action by the EDC
14.	Audited Income & Expenditure Statement should highlight the expenditure for purchase of books and journals / financial support to teachers to attend conferences/workshops, grants received from government and non-government bodies	The following expenditure heads are available in the audited statement FY2021-2022: student welfare, student value added courses, student services, sponsorship for student projects, staff welfare, staff perquisites, and staff training expenses. The remaining heads will be introduced in the FY2022-23.
15.	Selected best practices should be reflected in the governance meeting	Presented in the 8th Governing Council meeting conducted on 14.12.2022.
16.	Institutional Distinctiveness should be reflected in all activities.	RIT has unique guidelines and policies to promote new initiatives and maintaining consistency in the existing practices which are attracted by the students during the course of study. The graduate from RIT is following these best practices and it is supportive for their lifelong learning.


14/3/23

Sl.No.	Activities/Tasks proposed	Action Taken
17.	Circulars on implementation of any new initiatives should be informed to all the stakeholders.	The new initiatives taken by the Dept./College are shared through a circular by the respective process owners and the same is disseminated in DRM /IPDC / PAQIC / DAC / PTA / FRM /Alumni Association/ IQAC meeting and in social media if required.

On behalf of the RIT-IQAC team, Dr.V.Sivakumar, IQAC Coordinator, presented Agenda 1 to Agenda 11 to the IQAC members. The detailed presentation is attached as an annexure with these meeting minutes.

Suggestions from industrial nominees Mr.Senthil Ramalingam, Sr.Director, Cognizant, Mr.Leni Davidson, GM, Wheels India Ltd., Mr.S.Kannan, TRCL, Mr.A.Thulasi ram, GM, GHMW, and Mr.A.R.Jai Saravana, GHMW, are listed below:

- Appreciated the overall content presented in the 13th IQAC meeting and suggested to improve the pass percentage from 75.32% to greater than 85%. To improve the pass percentage recommended to adopt peer learning (Group Study) in the analytical subjects.
- Recommended to participate and secure NIRF ranking (within 200 Rank). Insisted to draft a framework for NIRF.
- Suggested to analysis and take necessary action for the student satisfaction survey.
- Proposed to do faculty satisfaction survey based on the need.
- Mentioned to identify the possibility to incorporate intranet site for the campus. E-Governing should be improved.
- In the next IQAC meeting, instructed to discuss the outcomes derived from the action taken for the 13th IQAC meeting.
- Proposed to maintain 100% successful graduates
- Suggested to commercialize the patent grant from the institute
- Recommended to allocate fund for incubation centre development in the budget.

Suggestions from student parents Mr.G.Muthuraj, Mr.K.Selvaraj, Dr.P.Venkumar, Mr.G.Ponnumuniandi are listed below:

- Appreciated the steps taken to improve in student enrolled for various programmes and suggested to maintain the quality of admission (student enrollment with higher cutoff).
- Focus the departments which already consist of average admission and produce 100% placements and improve the highest CTC from 8.5L to 10L above
- Advised to take necessary steps to improve the communication skill of the students which leads for placement in reputed industries.
- Suggested to include the institute industry interaction (with MoU industry) details in the forthcoming meeting.
- Directed to concentrate in major research funding, consultancy & publications and involve the bright students to take part in publications and online course learning.

Suggestions from distinguished Alumni Mr.M.Hari Prasath, K.Kandha Vivek Raj, Mr.K.Raghuram and students Mr.N.Vishakan, Ms.Mahesh Selvalakshmi, Ms.G.V.Thivyaa, Mr.Vimal Ananad are listed below:

- Set a target for various clubs and professional societies to enhance the student participation in co-curricular and extra-curricular activities
- Endorsed to introduce Alumni as a mentor and extract more Alumni interaction year around. Praised the
- Advised to give highest priority to the feedback received from all the stakeholders.

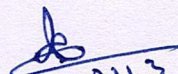
In continuation with this meeting Mr.R.Jaganathan, ASP/ HoD Mathematics and Coordinator of IQAC, ANJAC, Sivakasi (IQAC member) visited to the campus on 23.02.2023 (Thursday) and shared the following views:

- Appreciated the percentage of students enrolled in Certificate/Add-on/Value added programs and also completed online MOOC programs (2019-20: 97.4%, 2020-21: 98.7%, and 2021-22: 98.5%) and instructed to maintain the same for the forthcoming academic year.
- Advised to reinforce an entrepreneurial eco system, create the pathway for startup within the campus, generate more consultancy funding, conduct more number of extension activities for nearby villages, introduce summer internship (virtual) program
- Enhance the up skilling activities of non-teaching staff (Conducting a program in Office automation)
- Suggested to represent the class representatives team as a student council in any kind of statutory body requirements.
- Conduct the Green / Energy / and Environmental audit through the certified agencies
- Invite the famous personalities for Sports Day / Cultural Day / Graduation Day / College day celebration
- Suggested to include the progress of Vayyumitra Skill Development Programme (VSDP) facilitated by "National Institute of Wind Energy (NIWE), Govt. of India Collaborated with TUV Rheinland NIFE Academy Pvt Ltd., in the AQAR 2022-2023.
- Encouraged the faculty members to take courses for the students in the emerging areas during daily basis or week end through online/offline mode. Advised to show progress in Indian Knowledge System developmental activities.
- Based on the need and utility purchase the plagiarism tool for research purpose.

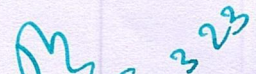
Dr.V.Sivakumar, ASP/Mech., thanked all the IQAC members and formally closed the meeting.

V. Anandhan
14/3/23

IQAC COORDINATOR


14/3/23

VICE PRINCIPAL


14/3/23

PRINCIPAL

Copy circulated to all IQAC members through mail

Copy to

- All Head of Departments
- RIT-Website In-charge
- RIT-ISO MR
- File



RAMCO INSTITUTE OF TECHNOLOGY

Approved by AICTE, New Delhi & Affiliated to Anna University

Accredited by NAAC & An ISO 9001: 2015 Certified Institution

NBA Accredited UG Programs: CSE, EEE, ECE and MECH

13th Internal Quality Assurance Cell (IQAC) Meeting

Date: 18.02.2023 (Saturday)

Time: 10.30 AM

Venue: Mechanical Seminar Hall

OVERVIEW OF THE PRESENTATION

Agenda	Presentation Content
1	Introductory Remarks
2	Action taken report of 12th IQAC meeting
3	13 th IQAC meeting agenda followed by presentation
4	Any other points with the permission of Chair
5	Panel Discussion

ACTION TAKEN REPORT

(12th IQAC Meeting on 27.10.2022)

Activities/Tasks proposed	Action Taken
Details about academic audits conducted during this period should be reflected in the AQAR 2021-2022.	<ul style="list-style-type: none">• Included in the 1.1 Curricular Planning and implementation and 6.5.2. Quality assurance initiatives of the institution in the AQAR 2021-22.
The salient feedbacks (department wise) received from the students, addressed then and there in the class committee meeting (Ref: Respective Minutes of CCM), and the summary of the same will be presented in the external IQAC meeting. The analysis and action taken report should be available on the web site.	<ul style="list-style-type: none">• Discussed and collected the opinion from the department level Criteria 1 coordinators on 18.01.2023. The analysis and action taken report to be uploaded on website before uploading AQAR 2021-22.
Analysis about student enrollment in the AY 2022-2023 through GQ and MQ should be presented in the next external meeting.	<ul style="list-style-type: none">• Given in the 13th IQAC meeting presentation.
Mechanisms practiced to identify slow learners and advanced learners (department wise) should be compared, and best practices shall be proposed in the next meeting.	<ul style="list-style-type: none">• Department wise best practices suggested for implementation based on the report received from the previous Academic Year.
The progress of mentors and mentees should be tracked by department.	<ul style="list-style-type: none">• Tracking mechanism to be approved in the respective DAC for effective implementation.

ACTION TAKEN REPORT

(12th IQAC Meeting on 27.10.2022)

Activities/Tasks proposed	Action Taken
<p>Academic Yearly attainment of CO for all the courses and PO/PSO for all the programmes should be available on the website.</p>	<ul style="list-style-type: none">Decided to upload the details after getting approval in the respective DAC and PAQIC
<p>Write up about IIC, EDC, IPR Cell, Patent filed, published, and initiatives of Incubation Centre, should be reflected in innovation and eco system.</p>	<ul style="list-style-type: none">There is no option available to include the suggested content in the present AQAR 2021-22 template. It will be considered during the submission of SSR for NAAC second cycle.
<p>Include the particulars of the journal publication in a detailed approach: link landing to the paper/article, link to the journal website, and indicate in the data template against each paper the presence of the paper in the UGC CARE list/Scopus/Web of Science/other clearly</p>	<ul style="list-style-type: none">Suggestion is included in Criteria 3
<p>Provide screenshots of research articles clearly showing the title of the article, affiliation, name of the journal, year, and author's name if the links and DOI number are not available.</p>	<ul style="list-style-type: none">All the submitted papers are having DOI number.

ACTION TAKEN REPORT

(12th IQAC Meeting on 27.10.2022)

Activities/Tasks proposed	Action Taken
<p>Ensure that all the enrolled students engage in the extension activities for the academic year 2022-2023. A proper attendance record should be maintained.</p>	<ul style="list-style-type: none">• Maintaining the student participation attendance in all the extension activities conducted by NSS/NCC/various clubs
<p>Ensure the following facilities are available on campus; they should be reflected in the write up: CCTV surveillance of the full campus, certificate of building safety from disaster management authorities (if available), Fire Safety Certificate from Relevant Authorities and Laboratory and Workshop Facility Certification from Some Standard Organizations</p>	<ul style="list-style-type: none">• Suggested content is included in the write up about 4.1 Physical facilities
<p>Conduct a specific program about the various eligible scholarships for all the students enrolled in the program. Educate them on how to inform the office or SPOC about scholarships available from various agencies.</p>	<ul style="list-style-type: none">• Proposed to conduct in the AY2023-2024 (Odd Semester)
<p>In student progression, EDC should collect the self-declaration form from the alumni startup, incubator, entrepreneur, or family business where they are yet to register their firm officially.</p>	<ul style="list-style-type: none">• Initiated the action by the EDC

ACTION TAKEN REPORT

(12th IQAC Meeting on 27.10.2022)

Activities/Tasks proposed	Action Taken
Audited Income & Expenditure Statement should highlight the expenditure for purchase of books and journals / financial support to teachers to attend conferences/workshops, grants received from government and non- government bodies	<ul style="list-style-type: none">The following expenditure heads are available in the audited statement FY2021-2022: student welfare, student value added courses, student services, sponsorship for student projects, staff welfare, staff perquisites, and staff training expenses. The remaining heads will be introduced in the FY2022-23.
Selected best practices should be reflected in the governance meeting.	<ul style="list-style-type: none">Presented in the 8th Governing Council meeting conducted on 14.12.2022.
Institutional Distinctiveness should be reflected in all criteria.	<ul style="list-style-type: none">Suggestion is considered
Circulars on implementation of any new initiatives should be informed to all the stakeholders.	<ul style="list-style-type: none">The new initiatives taken by the Dept./College are shared through a circular by the respective process owners and the same is disseminated in DRM /IPDC / PAQIC / DAC / PTA / FRM /Alumni Association/ IQAC meeting and in social media if required.

13th IQAC MEETING AGENDA (18.02.2023)

Agenda	Point of discussion
1	Student Admission
2	Review of Academics – Teaching and Learning
3	Review of Academics – Assessments and Evaluation
4	Student Progression (Co-curricular and Extra-Curricular)
5	Review of IIC/ED Cell/MSME
6	Research and Development
7	Faculty Recruitment, Career advancement & faculty performance appraisal
8	Training and Placement Progress
9	Infrastructure development and budget expenditures
10	Awards and recognition by the institution
11	IQAC Progress and Status of AQAR 2021-22

STUDENT ADMISSION

ADMISSION STATUS FROM INCEPTION

ACADEMIC YEAR	ADMITTED COUNT	SANCTIONED	PERCENTAGE
2013	297	300	99%
2014	371	420	88.33%
2015	403	420	95.95%
2016	361	420	85.95%
2017	373	420	88.81%
2018	252	420	60%
2019	215	420	51.19%
2020	228	420	54.29%
2021	401	420	95.48%
2022	587	660	88.93%

ADMISSION STATUS 2022-2023

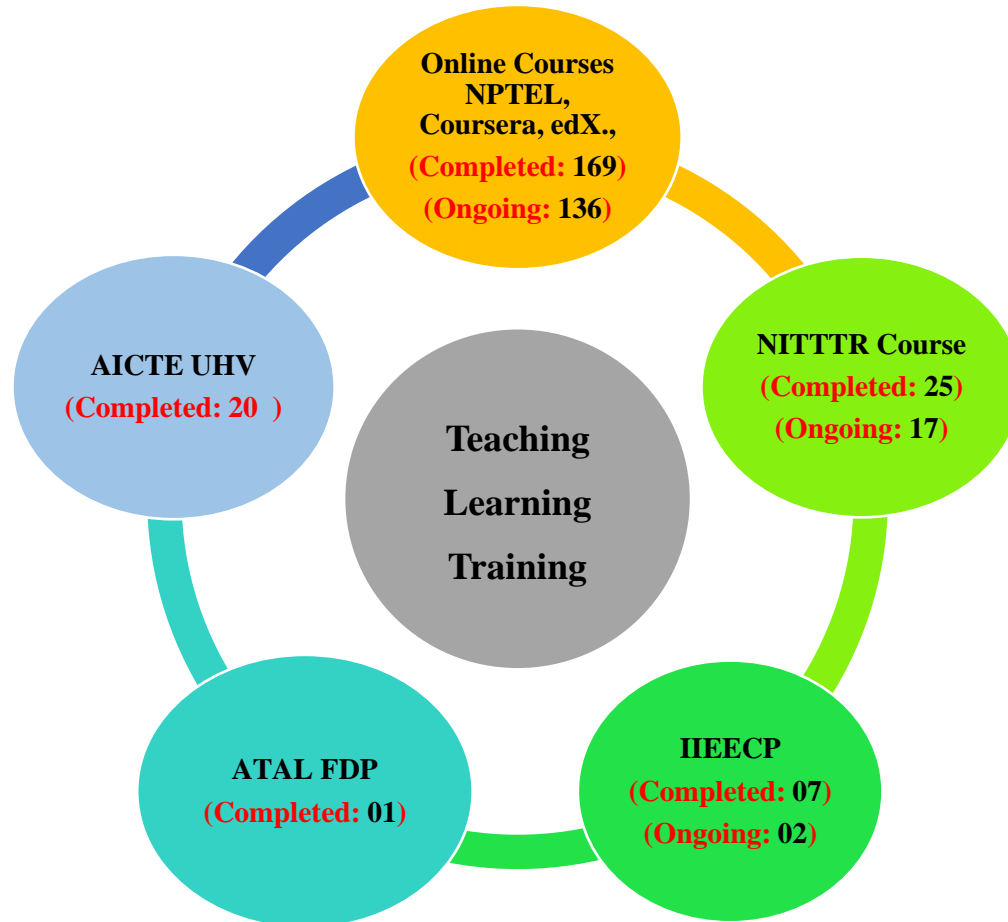
BRANCH	GQ	MQ	COUNT
CIVIL	27	4	31
CSE	66	52	118
EEE	30	27	57
ECE	62	52	114
MECH	25	12	37
B.Tech. AI&DS	65	54	119
B.Tech. CSBS	28	26	54
B.Tech. IT	31	26	57
TOTAL	334	253	587

ADMISSION INITIATIVES

Admission Activities for 2023 – 2024

- ❖ Our college **staffs visited potential schools in 9 districts** of southern Tamilnadu.
- ❖ **“Srinivasa Ramanujan Mathematical Competition”** was conducted for +1 and +2 School Students of Virudhunagar and Tenkasi Districts. 3000 students participated.
- ❖ Offline Events and Workshops were conducted for **Civil & Mechanical Polytechnic students** of Virudhunagar and Tenkasi Districts
- ❖ **In house school visits** were arranged and several Rajapalayam region schools visited our campus.
- ❖ Disseminated the **college poster and admission policy** among their students, Alumni, Parents and social media
- ❖ Motivational Program Planned for +2 students in the month of April 2023 by **Famous Orator**.
- ❖ From the analysis around **60% choice for admission was made by Parents** and **35% by students own choice**.

REVIEW OF ACADEMICS – TEACHING AND LEARNING



METHODOLOGY FOLLOWED

Slow Learners



Mentoring, Special Classes
Short notes & Study Guide
Written practice
Hostel Coaching class
Formula Sheet

Outcome

- Fundamental Knowledge improved
- Improvement in Exam Marks

Bright Students



Mini & Micro Projects
Online Courses
Internship
Gate Training

Outcome

- Industry project completion
- Appearing Gate Examination
- Placement Opportunities
- Advancement Course through Adjunct professor (Mech.)

Pedagogy Followed



Active Learning Method

- Self organized Learning Environment, Incidental Learning
- Lab Visit, Field Visit, Reflection
- Project based learning
- Virtual lab, Flash Card
- Takeup Projects
- Online Simulation Tools
- Think Pair Share
- Peer learning, etc...

ACADEMIC ACTIVITIES



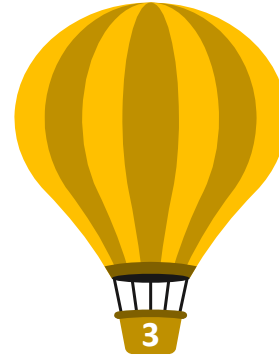
Curricular Gap

- Content beyond Syllabus & Virtual lab
- Hands on Training
- Value added courses
- Guest Lecture by Industry Persons



Value Added Courses

Civil: 03
CSE: 02
ECE: 03
EEE: 01
Mech:04
AD: 03



Academic Reforms

Theory Course File: **AC05a R1**
Integrated Course File: **AC05c**
Log Book Theory: **AC07a R1**
Log Book Lab: **AC07b R1**
Academic Calendar: **AC01 R3**

Academic Audit – Action Taken

- Introduced precourse assessment
- Project assigned to students from MoU signed industries
- Data Repository created(AD)
- Projects completed through funds from industries,
- Lab manual updated
- Academic Performance Remedial actions are documented
- Geo tag photograph implemented



ACADEMIC PERFORMANCE (2021- 22 Even Semester)

Branch	Branch wise Pass %		
	No. of Students Passed	No. of Students Appeared	Result (%)
CIVIL	068	103	66.02%
CSE	210	230	91.30%
EEE	139	183	75.96%
ECE	266	374	71.12%
Mech	202	284	71.13%
AD	43	58	74.14%
Overall Pass Percentage	928	1232	75.32%

Conduct of Internal Assessment Test with Dummy Number

- Dummy Number allotted
- Separate ERP Developed (coe.ritrjpm.edu.in)
- Chairman were nominated for each boards

Question Paper setting by External Experts

Question paper setting was done by external experts for Internal Assessment Tests

EXAMINATION REFORMS

Reforms in Weightage for Internal and external examinations

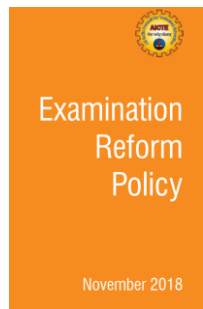
In R2021 - the weightage for Theory courses, lab Courses, Integrated courses and projects were reformed.

Guidelines for Question paper setting

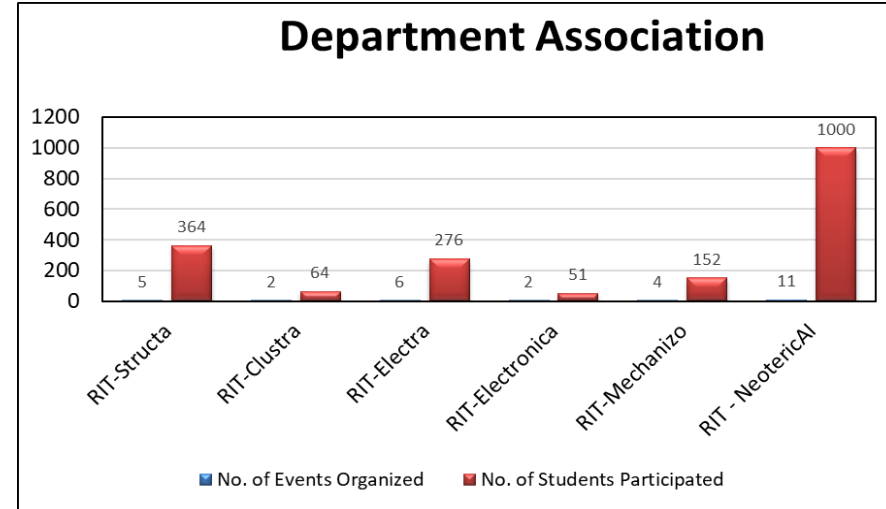
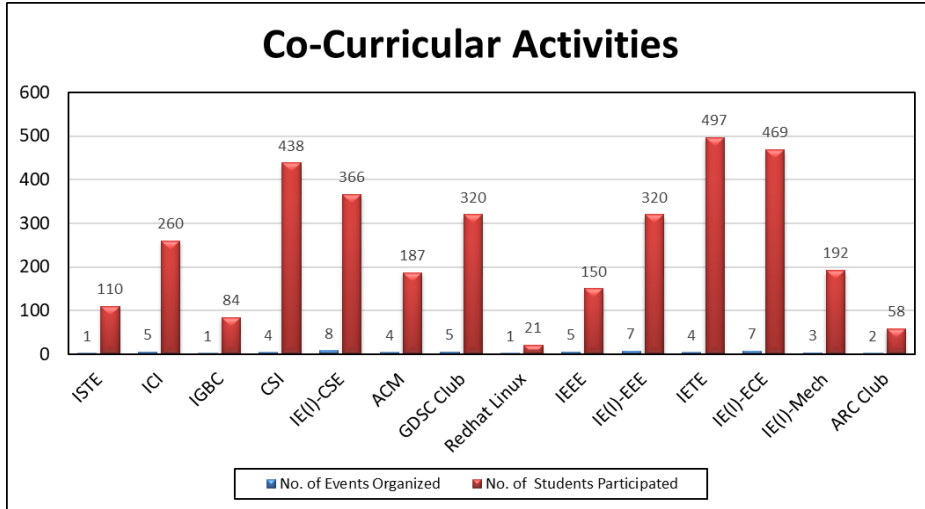
Question paper setting guidelines was released for IATs with the contribution of questions at each knowledge level.

Performance Indicator in Question paper

In every question along with COs, it has been reformed to mention Performance Indicator as well. This enables for two step process of attainment of Pos.



CO-CURRICULAR ACTIVITIES (INTERNAL)



- RHCSA International Certification Course Training
- Value Added Course on “Network Security and Blockchain”- Dr.JayBagga, Ph.D, Department of Computer Science, Ball State University, Muncie, Indiana, USA
- Field Visit on : Function of Solar PV Panel and Solar Water Heater
- Mini Project Contest
- Extramural lecture series - Semiconductor testing- an Overview- Mr.P.Prem Kumar, ATE test Engineer, Nash Technologies, Germany,

CO-CURRICULAR ACTIVITIES - EXTERNAL

Self-driving car challenge 2021- SRM Institute of Science and Technology

IITM PALS valedictory function-Quiz-I Prize

Smart India Hackathon 2022- Won First Prize with Cash award of 1,00,000/-

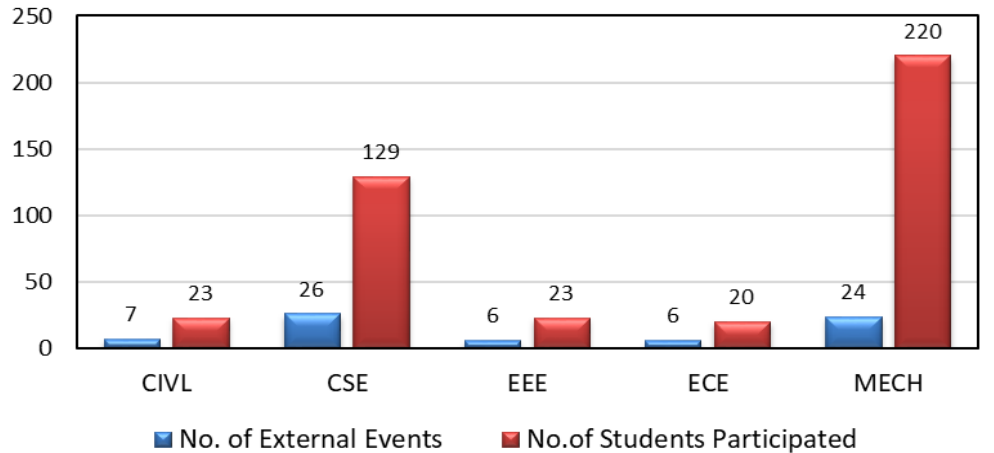
Mini project on Design an ergonomic holder for gadgets- IITM-PALS- won First prize with cash award of Rs.25,000

Technical Symposium- Technical Quiz, Hindustan Institute of Technology- Won I Prize

Declamation event- District Level YuvaUtsav 2022 Competition- II Prize

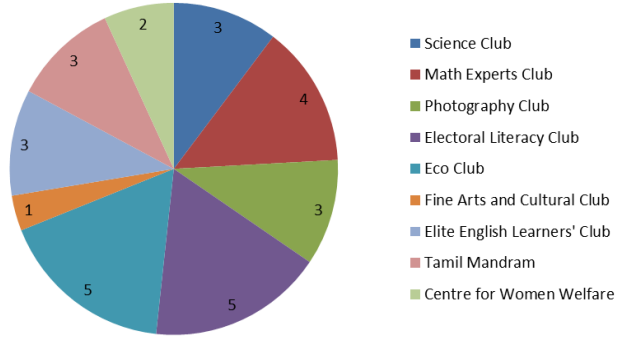
“Mech Tech Talk event” at GenNext 2022- A National Level Technical Symposium- II Prize

External Participation

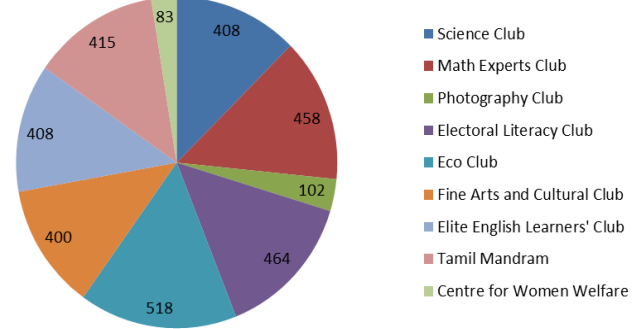


EXTRA CURRICULAR ACTIVITIES

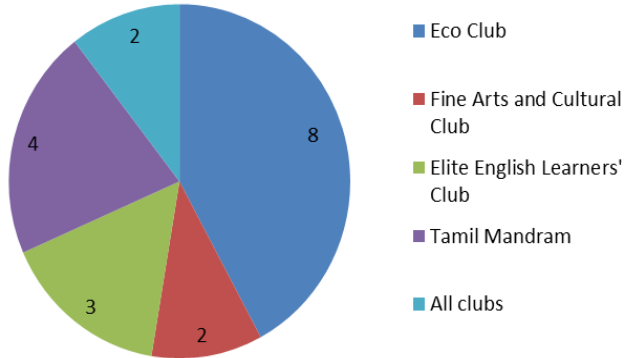
No. of Events Conducted(Internal)



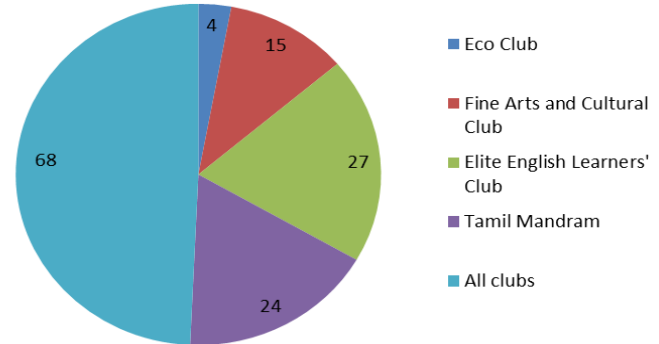
No. of Students Participated(Internal)



No. of Events Conducted(External)



No. of Students Participated(External)



IIC / ED CELL ACTIVITIES / NISP

Institution's Innovation Council:

- 12 faculty members are trained as Innovation Ambassador (Advanced Level).
- 1 faculty member is certified Patent Agent
- Activities conducted in IIC 5.0 – 21 (till Q1 & Q2)

Entrepreneurship theme – 06

Innovation theme – 09

Intellectual Property Rights theme – 04

Incubation visit – 01

Hackathon – 01

- Encouraged students participation in competitions including Tamil Nadu Student Innovator Challenge 2022, Smart India Hackathon 2022, Yukti 1.0.



IIC 4.0 certificate

List of Selected Colleges for Organize a One Day Entrepreneurship Development Programme for Outgoing Students (Final Year Students) under EDI-TN Fund from AURCT-IEDP Hub
Anna University Regional Campus Tirunelveli

Sl.No	Name of the Spoke College	Topics to be covered	Budget of the Programme in Rs.
1	Holy Cross Engineering College Tuticorin	<p>Session 1 Entrepreneurship and Innovation</p> <p>Session 2 Design Thinking /BMC –Session</p> <p>Session 3 Govt Schemes for Entrepreneurs</p> <p>Session – 4 Essential for Innovation in Product Development -</p> <p>Note : Any E& I related Topics may fixed by EDC Cell</p>	10000
2	PSN Institute of Technology and Science Tirunelveli		10000
3	PSN College of Engineering and Technology Tirunelveli		10000
4	SCAD College of Engineering and Technology Tirunelveli		10000
5	Francis Xavier Engineering College Tirunelveli		10000
6	VV College of Engineering, Thoothukudi		10000
7	Ramco Institute of Technology Rajapalayam		10000
8	Thamimbarani Engineering College Tirunelveli		10000
9	Holycross Home Science College Thoothukudi		10000
10	The M.D.T.Hindu College Tirunelveli		10000

Financial grant from EDII



IIC / ED CELL ACTIVITIES / NISP

- Got approval from Governing Council for RIT-Innovation and Entrepreneurship Policy and RIT-Intellectual Property Rights Policy
- 6 ideas submitted in MSME Idea Hackathon 1.0 got grant worth of Rs.72 lakhs and the prototype development had began
- MSME Idea Hackathon 2.0 was conducted on 06.12.2023 and 07.12.2023.
- 68 ideas were received and evaluated with external experts. 32 ideas were forwarded for next stage of scrutiny to O/o MSME. Results of the same is expected to be declared by the month of April

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RIT INSTITUTION'S INNOVATION COUNCIL
RIT ENTREPRENEURSHIP DEVELOPMENT CELL

ORGANIZES

**PITCHING OF IDEAS
UNDER
MSME IDEA HACKATHON 2.0**

PANEL MEMBERS

Mr. M. Siva Baarathi
Field Coordinator
IEDP Hub, AURCT
Master Trainer
EDII, Govt. of Tamil Nadu

Mr. S. Avinash
Founder & CEO
Inrix Technlutions
Kovilpatti
Tamil Nadu

Mr. R. Ramachandran
Field Coordinator
IEDP Hub, MKU
Master Trainer
EDII, Govt. of Tamil Nadu

Dec 6th & 7th, 2022

9:30AM to 4:30PM

Civil Seminar Hall

Organizers
Mr. R. Arun Kumar, Coordinator, RIT ED Cell
Mr. G. Prabu ram, In-charge, RIT ED Cell (Mech)
Mr. T. Chockalingam, In-charge, RIT ED Cell (Civil)

Idea presentation poster

IIC / ED CELL ACTIVITIES / NISP

- Adopted 3 ATAL schools for fostering innovation culture through ATAL Tinkering labs
- Organized 5 events for the following ATL schools
 1. Ramco Vidhyalaya, RR Nagar, Virudhunagar
 2. Chinmaya Vidhyalaya PACR, Rajapalayam
 3. Chinmaya Vidhyalaya SLRR, Rajapalayam
- Submitted the data for ATAL Ranking of Institutions on Innovation Achievements 2022 (ARIIA'22)
- RIT Innovation Centre establishment is in progress to strengthen the innovation culture among the students



Event conducted for Children's day

RESEARCH FUNDING

Grants received during this period

- **IEI R&D Cell Technical Department**

- Dr.S.Kannan, Prof. and Head/EEE. & Mr.A.S.Vigneshwar, AP/EEE received research Grant received from “IEI R&D Grant-in-Aid Scheme” Year of Grant:- 2022-2023, **Rs. 20,000/-**

On going Projects

- **DST – SSTP**

- Dr.S.Rajakarunakaran, Prof. and Head Mech.,Mr.M.Ashok Kumar, AP(SG)/Mech., Mr.M.Sivagaminathan alias Balaji, AP(SG)/Mech. & Mr.R.Arun Kumar, AP/Mech., Design and Development of Dehydrating device for continuous processing of herbal leaves, Year of Grant:- 2018-2019, **Rs.15,75,010/-**

- **RuTAG IIT Madras**

- Dr.S.Rajakarunakaran, Prof. and Head Mech., Dr.P.Suresh Kumar, ASP/Mech., Mr.S.Maharajan, AP/Mech. Design and separation of ground nut pod separator, Year of Grant:- 2019-2020, **Rs.1,03,000/-**

- **IEI R&D Cell Technical Department**

- Dr.S.Rajakarunakaran, Prof. and Head Mech., & Mr.C.Gururaj AP(SG)/Mech., Experimental Evaluation of Mixed Mode Fracture Toughness of Aluminium Metal Matrix Composites and Validation Through Mathematical Modelling, **Rs. 31, 970/-**

RESEARCH FUNDING & OTHER FUNDING

On going Projects

- **TNSCST Student Project Scheme (Rs.7,500/- per project)**
 - Mrs.R.Kalaimani, AP/Civil., Cement Battery
 - Dr.M.Gomathy Nayagam, ASP/CSE, An Automated Solid Waste Monitoring and Management Using Smart Dustbin for Smart home
 - Dr.A.Azhagu Jaisudhan Pazhani, ASP/ECE, Ground water level identification and its impact on rural district in Tamil Nadu, India

Skill Development Program

- Dr.A.Lakshmi, ASP/ECE, Dr.V.Anusuya, ASP/CSE, and Dr.L.Sathikala, ASP/Maths received grant to conduct a “One day skill development training program for Self-employment of House wives” from National Commission for Women - Rs.80,000/-

Entrepreneurship Awareness

- RIT EDCELL received sum of Rs.10,000/- for conducting “Entrepreneurship Awareness program for passing out students” from Entrepreneurship Development and Innovation Institute, Govt. of Tamil Nadu.

PUBLICATIONS & IPR GENERATIONS

Number of Publications (SCI/Scopus) : 60 (Overall : 369)
 No. of Conference Publications/Presentation : 30 (Overall : 651)

Web of Science

Year	Sep 2020	Aug 2021	Mar 2022	Feb 2023
Documents	70	107	148	251
H-Index	11	16	18	24

Scopus

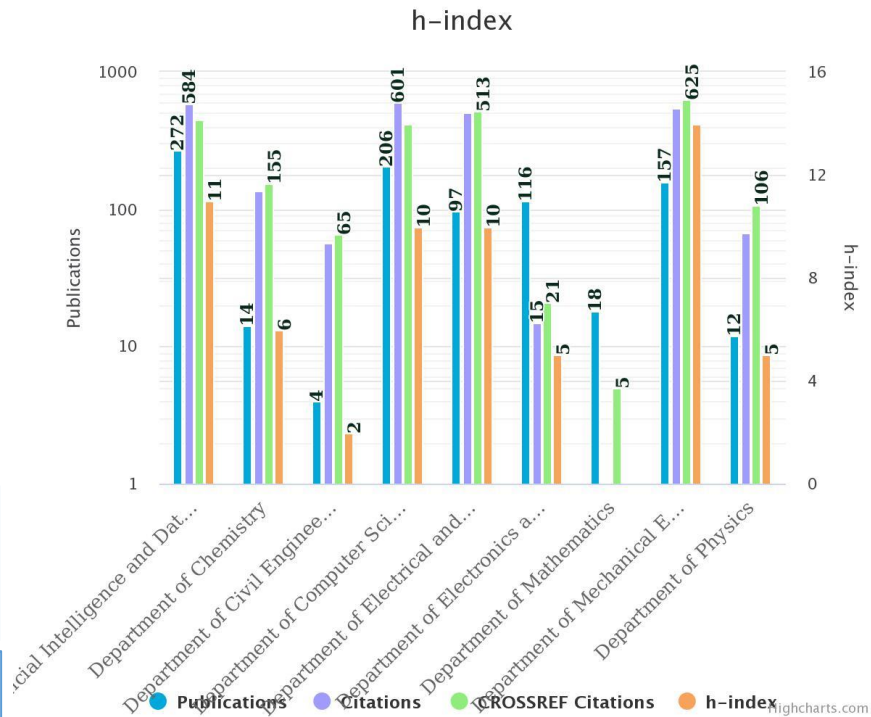
Year	Jan 2020	Aug 2021	March 2022	Feb 2023
Documents	107	190	242	369
H-Index	13	16	19	26

Recognized research centers : Chem., CSE and Mech.
 Ph.D. Supervisor recognition : 19
 Research Incentive for the CY 2022 : Rs.4,51,500/-

Dr.S.Vimal, ASP/AD recognized as a top 2% of scientists by Stanford University, Received International Young Researcher Award 2022 & Within Top 500 Ranking by SciVal-Elsevier

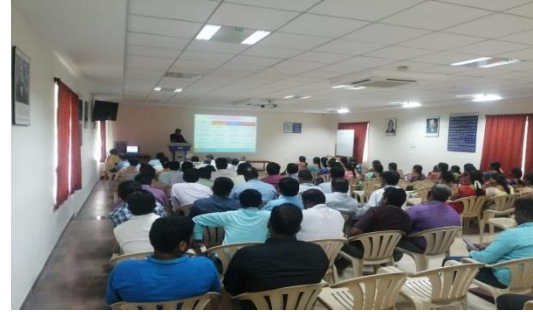
Patent filed : 10, FER Responded : 14, Granted : 1,
 Copyright registered: 4

<https://www.ritrjpm.ac.in/research/patents.php>



R&D - WEBINAR & WORKSHOP

"Online workshop on **improving research writing using Grammarly**" Presenter: Mr. R. Goutham, Senior BDM, Bridge People Technology Solutions, Pvt. Ltd., **Bangalore**. 12.09.2022

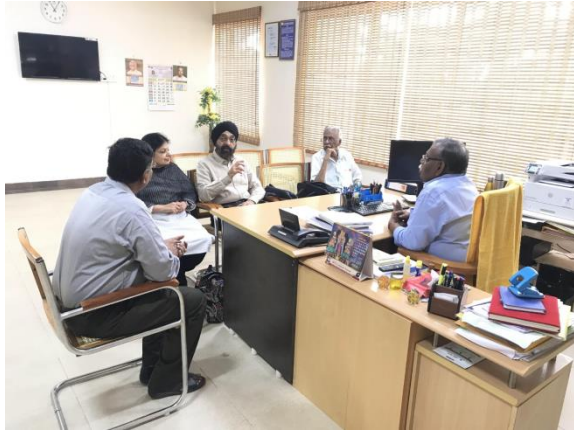


"Enhancing research grants' capacity-building capabilities", Dr. A.K. Singh, Former Principal Scientific Officer – NRDMS Division, DST – New Delhi, 21.10.2022

"Online **webinar on Research Proposal Writing**". Resource Person : Dr. Janmenjoy Nayak, Associate professor, Maharaja Sriram Chandra Bhanja Deo University, (State University) **Baripada, Odisha, India**. 30.01.2023

One-day National Level Workshop on "**Journal Paper Writing**" Resource Persons: (i) Prof. B.N.Basu, Former Prof. and Head, **Banaras Hindu University**, ii) Dr.V.Krushna, Kanth, Research Associate, **The University of Toledo, USA**, (iii) Prof. Pankaj K.Choudhury, Professor, **Zhejiang University, China**. 10.02.2023

RESEARCH PROMOTIONAL ACTIVITIES



Prof. Jay Bagga, Department of Computer Science, Ball State University, Muncie, USA



Prof. B.Ramesh Babu, Chief Scientist – Process Engg. Division, Dean – Centre for Education, CSIR, Karaikudi.

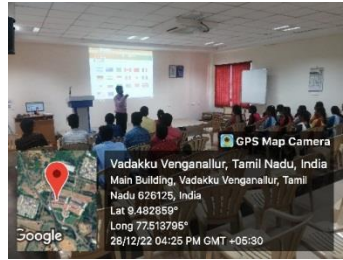
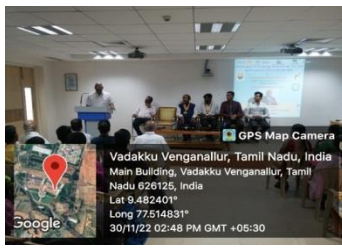
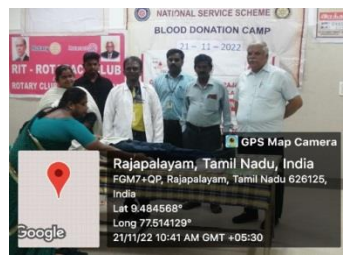
- Got approval from Governing Council for RIT-RC Policy
- Providing Research On Duty with the maximum of 8 Days per year
- Consistent support from Adjunct & Honorary Professors in Journal Publications and Project Proposal submissions
- Research Scholar Progress Review Committee Meeting (RSPRCM) twice in a year
- Overseas Research scholarship (ThinkSwiss)
- International funding (Foreign, Commonwealth and Development Office (FCDO))
- Submission of funded project proposal to develop Community Resilience Resource Centre (CRRC)



Number of Events Conducted: 17

Number of Participation: 2084

Anna University Sanctioned a new NSS non-funded unit for our college

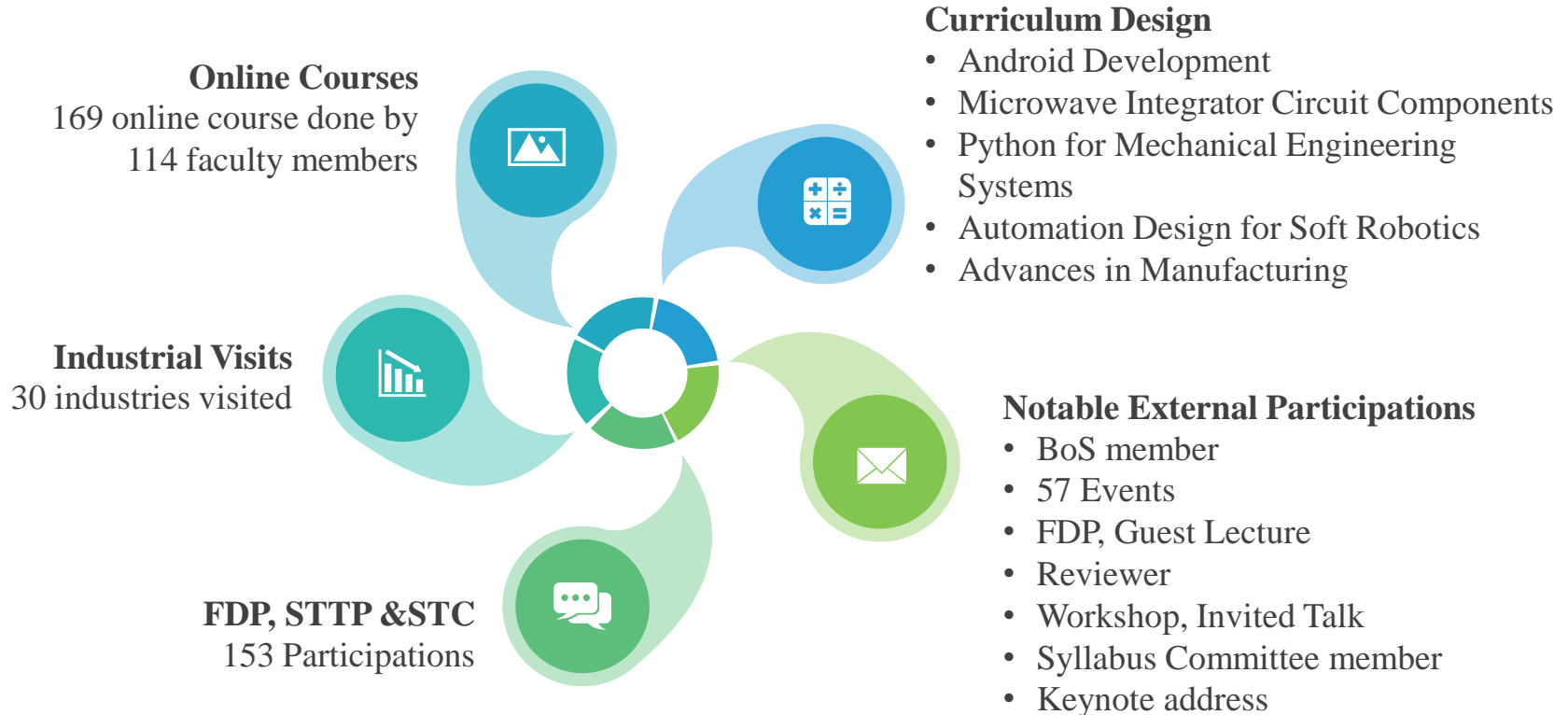


* from June 2022 to February 2023

FACULTY RECRUITMENT

Department	2022-23		Total no. of faculty on roll as on 12.12.2022	Students faculty ratio
	Recruited	Resigned		
CIVIL	Nil	Nil	12	1:15
CSE	7	1	13	1:15
EEE	1	1	12	1:15
ECE	3	4	23	1:15
MECH	-	7	12	1:15
AD	4	-	6	1:15
S&H	3	2	23	
General Engineering	NA		10	
Teaching	17	15	111	

FACULTY COMPETENCY DEVELOPMENT



FACULTY PERFORMANCE APPRAISAL

Sl.No.	Module	Prof	ASCP	AP(SG)	AP
1.	Teaching and Learning (100)	50%	60%	70%	80%
2.	Research and Development (100)	25%	20%	15%	10%
3.	Career Enhancement /Extension activities (100)	10%	10%	7.5%	5%
4.	Administration (100)	15%	10%	7.5%	5%

Form-A(Self)	Form-B(HOD)	Students' Feedback	Principal	Total	Percentage
(100)	(50)	(25)	(25)	(200)	(100)

FACULTY CAREER ADVANCEMENT

Assistant Professor (SG)

16

Civil – 1, CSE – 5, EEE – 3, ECE – 1,
Mech. – 4, Maths – 1, Chemistry - 1

Associate Professor

04

Civil -1, CSE -1, Physics - 1

Professor

01

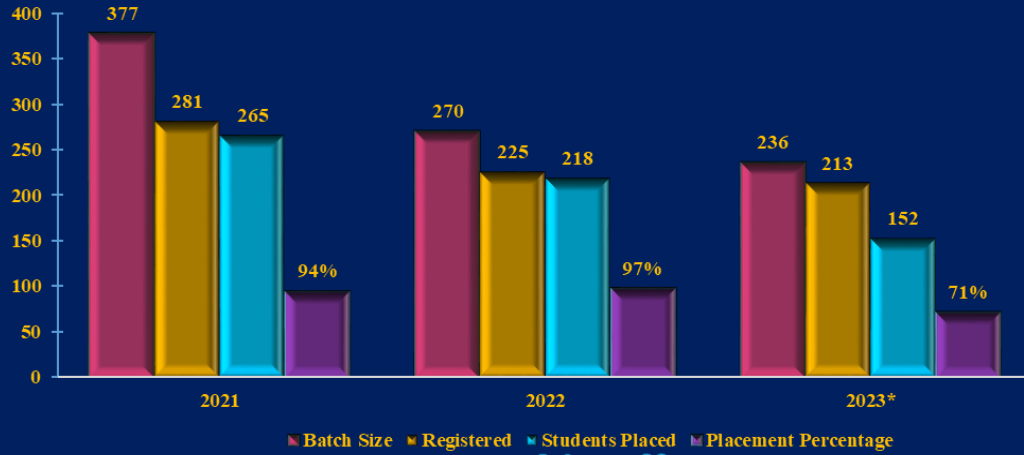
Chemistry - 1

TRAINING

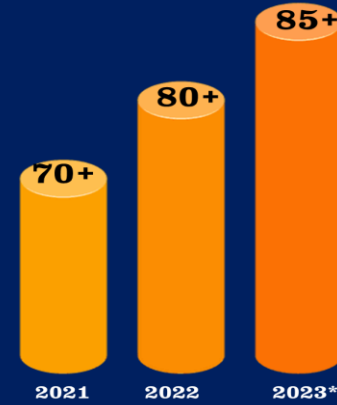
Training module consists of the following:

I Year Training	II Year Training	III Year Training	IV Year Training
<ul style="list-style-type: none">• Communication Skill• General Aptitude• Technical Aptitude• Quantitative Reasoning• Logical Reasoning• Verbal Reasoning• Interview Skills• TOEFL• Knowing about Project	<ul style="list-style-type: none">• Aptitude Problem Solving Skills• Analytical Reasoning• Technical Training (Programming Lang fundamentals)• Puzzle Solving Skills• Personality Development Skills• Preparing for Hackathon• Foreign Language training• Platform Practice, Mentorship• Developing a Project (Initial Stage)	<ul style="list-style-type: none">• Advanced Aptitude & Technical Training• Weekly Group Discussion and Mock Interview• Problem solving techniques to apply in Hackathon• Platform Practice, Mentorship• Project (Development Stage)• Train the trainer in company specific training (Zoho , Atos Syntel , Data Pattern , Tessolve & NI)	<ul style="list-style-type: none">• Pre Placement company specific training• Weekly test• Personality development Skills• Project into Product by bringing their own innovations• Domain Specific training

PLACEMENT DETAILS



Number of Companies Visited



Top Companies

*As on 07.02.2023

Internship Offer

International Internship - Block chain
Singapore & Finland



- Super Dream Company 5
- Companies Visited 85+
- Highest CTC 8.5 LPA
- Total Offer 165
- Marquee offer 60

Record Breaking Performance (as on 18.02.2023)

INFRASTRUCTURE DEVELOPMENT

For the financial year 2022-23, the infrastructural development is done through CSR funds of Ramco Group (TRCL)

S. No.	Department	Lab Development	Amount in Rs.
1.	Artificial Intelligence and Data Science	Python and Data Structures lab.	53,72,257
2.	Computer Science and Engineering	Computer Science Lab.	47,86,376
3.	Mechanical Engineering	Yaskawa Robotics Lab. Centre of Excellence	30,80,000
4.	Data Centre	Internet, Wi-Fi, CCTV etc.,	32,60,000
Total			1, 64,98,633

ANTICIPATED EXPENDITURE FOR 2022-23

S.No.	Financial Head	Expenditure (lakhs)
1.	Employee Cost	1,225
2.	Student Cost	420
3.	Academic	70
4.	R&D/IPR	30
5.	Co-curricular	15
6.	Extra-curricular	15
7.	Training & Placement	40
8.	Administration	112
9.	General Maintenance	215
10.	Others	37

2021-22 (Actual) Budget Utilization = 90%

2022-23 (Anticipated) Budget Utilization = 88%

AWARDS, ACHIEVEMENTS AND RECOGNITIONS

Sl. No.	Title of the Award (Institution Level)	Awarding Agency	Category
1.	India Academic Ranking 2023, Academic Excellence - Diamond Band	R World Institutional Ranking, Mumbai	National
2.	India Academic Ranking 2023, Employability & Start Up Ecosystem - Gold Band		National
3.	India Academic Ranking 2023, Research Excellence - Diamond Band		National
4.	Outcome Based Education (OBE 2022) - Gold Band with A Grade		National
5.	Mental Health and Well Being - 72nd rank		National
6.	Green Institutional Ranking, Sustainable Institutions India (SII) - 51st Rank		National
7.	Best Educational Institution Award	BR ² event, Capabl (Elite Techno Group)	National
8.	Green College Award 2022 – USA – Participation	Green Mentors, USA	International

IQAC PROGRESS & STATUS OF AQAR 2021-2022

NAAC Sponsored Workshop (16 & 17 Dec.)
“Role of NAAC in Enhancing Quality in HEI”

RIT – IQAC, RIT – IPRC, & RIT – IIC

**A Seminar on Role of IP in Economy of
the nation (29.11.22)**

**Sponsored to attend workshop on
Revised NAAC Acc. Process at KCT,
Coimbatore (12 & 13 Oct)**

12th IQAC meeting – 27.10.22

11th IQAC Meeting –External Members
04.06.2022 (Saturday)

CDIO Workshop – I (24.12.22)

Workshop on Engineering Curriculum Design &
Development

NAAC – Benchmark – Qn Matrics

Criteria wise Quantitative matric
analysis done (28.12.22)

CDIO Workshop – II (31.12.22)

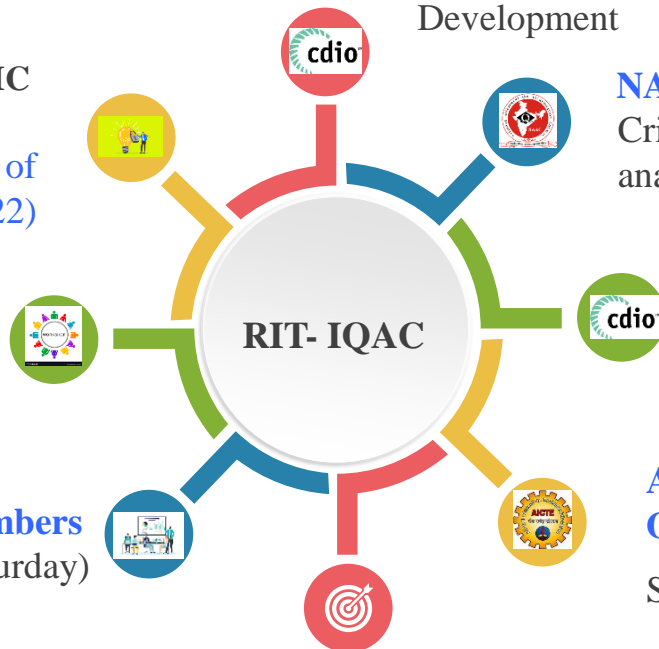
Intro. Session on CDIO: A Holistic
framework for educational reforms

**AICTE – Stakeholders Feedback –
Online meet (10.02.23)**

Submitted on 11.02.23

13th IQAC Meeting

Nominated new IQAC Members – 2023-26
18.02.2023 (Saturday)



PANEL DISCUSSION

THANK YOU