

RAJALAKSHMI ENGINEERING COLLEGE, THANDALAM, CHENNAI
(An Autonomous institution, approved by AICTE and affiliated to Anna University)

Minutes of the 11th Meeting of the Governing Body held on 25-10-2023

Venue: Conference Hall

Time: 11.00 am to 1.00 pm

AGENDA

GB11.01	Action taken report on the 10 th meeting of the Governing Body held on 23-9-2022
GB11.02	Curricula and syllabi of Regulation R2023, processed and recommended by the Academic Council at its meeting held on 23.08.2023 - to be approved by the Governing Body
GB11.03	Seeking the approval of the Governing Body for the strategic plan of the institute for the period from 2023-2028
GB11.04	Reporting the increase in intake and new programs introduced from the academic year 2023-2024 onwards.
GB11.05	Reporting results of NAAC accreditation and NIRF ranking 2023 of the College
GB11.06	Preparation for NBA accreditation for B.Tech. Chemical Engineering and B.Tech. Food Technology
GB11.07	Reporting the activities of the Internal Quality Assurance Cell, since the previous Governing Body meeting
GB11.08	Reporting the recent developments/accomplishments of college, departments, faculty and students
GB11.09	New Initiatives taken by the institution
GB11.10	Any other points with the permission of the Chairperson

The following members attended the meeting:

S.No.	Name of the Member	Title
1	Dr. (Mrs.) Thangam Meganathan, M.A., M.Phil., Ph.D.	Trustee and Chairperson
2	Mr. M. Abhay Shankar, B.E., M.S.	Trustee and Vice Chairman
3	Dr. A.Sivathanu Pillai Distinguished Scientist, Former R&D Head - DRDO, Ministry of Defence, Govt. of India Founder & former CEO, Brahmos Aerospace,	Trust Nominee
4	Mr. K.Ganesan Former Global HR Head, Tata Consultancy Services	Trust Nominee

S. G. Muppan

S.No.	Name of the Member	Title
5	Prof. Dr. C.R.Muthukrishnan, Advisor, Rajalakshmi Institutions, Former Deputy Director, IIT-M & Consulting Advisor, TCS	Trust nominee - Educationist
6	Mr. R.Vijayakumar Director, Rajalakshmi Automobiles Pvt. Ltd.,	Trust nominee - Industrialist
7	Dr. V.R. Giridev Professor, Department of Textile Technology, A.C.Tech Campus, Anna University, Chennai - 600025	Anna University Nominee - Attended Online
8	Dr. S.Gopi Assistant Director (Planning) Directorate of Technical Education Chennai - 600 025	State Government Nominee
9	Dr. M.Subbiah Professor Emeritus, Department of Electrical & Electronics Engineering	Faculty Member of the College
10	Dr. T.Thamizhselvan Associate Professor, Department of Electrical & Electronics Engineering	Faculty Member of the College
11	Dr. S.N.Murugesan, M.E., Ph.D. Principal	Member Secretary / Ex-Officio

Invited Members

1.	Mr. I. Philip Praveen Director (Training & Placement) and Dean (Student Affairs), REC
2.	Mr.P.Jeeva Kalyana Sundaram Executive Officer (Administration), REC

The following members requested leave of absence due to prior commitments.

S.No.	Name of the Member	
1	Thiru. S. Meganathan	Chairman of the Trust
2	Dr. M. Haree Shankar	Trust Member
3	Mr. K. Jayaramakrishnan Mitraa Limited	Trust Nominee

J.V. Murugesan

Dr. Mrs. Thangam Meganathan chaired the meeting and welcomed all the members.

In introductory remarks, Chairperson thanked the members for their valuable contributions towards the continuous enhancement of the quality of professional education and the growth of the institution in all spheres. She underscored the importance of the wholesome perspectives in shaping the path of further progress of the institution

Following this, the Principal gave a detailed power point presentation starting from the various UG, PG and Ph.D. programmes offered and citing the various milestones in the development of the institution, leading to its growth to the present status acquiring the highest A++ grade in NAAC (April 2023) and 86th position in NIRF ranking. The presentation included information on the major sponsored research projects, industrial consultancy through Industry Institute Interaction Cell and funding secured, faculty publications, patents granted, 15 Centers of Excellence established to promote design and development of products/solutions and innovation among faculty and students.

After the presentation, Dr. Sivathanu Pillai wanted to know how many granted Patents have been taken forward to the level of products and how many Centers of Excellence (COEs) have become noted among the industries of respective domain. Principal responded that the college has started taking steps towards commercialization of the Patents and among the 15 CoEs functioning, two CoEs, viz., Micro Electro Mechanical Systems (MEMS) and Machine Vision have been able to generate interest and interaction with industry partners. Dr.Sivathanu Pillai also emphasized that preparation and submission of project proposals in collaboration with industry partners have much possibility of acceptance for funding and generate mutually beneficial outcomes. He added that the Twinning programme is becoming popular that he is glad to note that it is being introduced in REC from this academic year. He also mentioned that a new Science Foundation has been established by the Prime Minister and shared the information about the visit of Prof. Vijai Varadan from USA, Penn State University

Principal mentioned about the visit of Dr.Bruce K Gale from University of Utah, USA, as a part of the Nehru-Fulbright Fellowship, who interacted with the Centre of Excellence for MEMS and Microfluidics (CEMM) in our campus, delivered lectures and interacted with our faculty and students in March-April 2022.

The Chairperson pointed out that the knowledge and experience gained out of these research endeavours should percolate to the students, so that they are motivated to go ahead with their innovative projects.

In this context, Mr.I.Philip Praveen, Director (Training & Placement) said that the creative projects carried out by the students enable them to take up higher studies, apart from supporting them for placement.

Dr. Sivathanu Pillai pointed out that tie-up with core industries will also be very much helpful to the students for getting trained not only for placement, but also for embarking on entrepreneurship.

The agenda points were taken up for discussion.

GB11.01	Action taken report on the Tenth meeting of the Governing Body held on 23-9-2022
----------------	---

Based on the approval of the AICTE, ANNA UNIVERSITY and ratified by the Governing body in its 10th meeting, the following new programs and variation intake were implemented from the Academic Year 2022-2023:

- B.Tech. – Artificial Intelligence and Data Science has been introduced with a sanctioned intake of 60.
- Increase in the sanctioned intake has been implemented in the following three programmes:
 1. B.Tech.– Computer Science and Business System from 60 to 120
 2. B.Tech.– Artificial Intelligence and Machine Learning from 120 to 180
 3. B.Tech. – Information Technology from 120 to 180
- Reduction in the annual intake in B.E. Mechanical Engineering from 180 to 120 has been implemented

Students were accordingly admitted and classes are being conducted as per approved curricula and syllabi.

In this 10th meeting, Dr.R.Govindarajan and Dr.C.R.Muthukrishnan, emphasized that faculty members need to periodically undergo FDPs in the emerging areas, particularly in CSE & IT, where the new programmes are introduced.

In this regard, Dr.T.V.Geetha, formerly Director, Academic courses, Anna University has been regularly mentoring the faculty of CSE & IT and guiding them to become proficient in emerging areas. In addition, Faculty members are regularly attending FDPs conducted by premier institutions and also undergoing sabbatical in industries in areas such as IoT, Cyber security etc. Further, regular Faculty upskilling programmes are also conducted within the campus.

In this 10th meeting, the consent of the Governing Body was obtained (vide Agenda No. GB 10.02) for offering Honours and Minor degree programs and accordingly, Curricula and syllabi were framed for these programs by the respective Boards of Study and subsequently got approved by the Academic Council and the same are placed now for the approval of the Governing Body in the present meeting.

In another point, awards of the ranks for the students of UG and PG graduated in 2021, was approved by the Governing Body. Based on this, ranks have been awarded to the qualified

students, during the Graduation Day held on 01-10-2022. The details are given in the following Table:

UG: Batch 2017-2021			
S.No	DEPARTMENTS	strength	No of Ranks Awarded
1	AERO	60	3
2	Auto	60	3
3	BME	120	3
4	BT	120	3
5	Chemical	60	3
6	CIVIL	60	3
7	CSE	300	6
8	ECE	240	5
9	EEE	180	4
10	IT	120	3
11	MECH	240	5
12	MCT	60	3

PG: Batch 2019-2021			
S.No.	Department	Strength	No of Ranks Awarded
1	MBA	111	3
2	Avionics	3	0
3	Med Elec	15	3
4	Biotech	11	3
5	CSE	6	2
6	Comm Sys	1	0
7	Emb Sys Tech	8	2
8	Engg Design	5	1
9	Data Sci	2	0

Commencing the discussion on this agenda, Dr.S.Gopi, said that with the increased admission, planning and conduct of training should be provided to the students of computing related branches, for improving their placement. He also suggested adding AI and Data Science in all core branches. In this context, Mr.K.Ganesan expressed that even IT companies look for core branch students like Mechanical Engineering, because there is an increased convergence between IT and Core branches, since the world is moving towards higher levels of integration of IT in every field. Dr.Sivathanu Pillai said that many of the Mechanical Engineering operations like Additive Manufacturing have been fully computerized; he also added that Siemens have introduced the Ransomware Cyber Security software in all their products. Chairperson also mentioned that the college is offering programming courses to students of all the branches. Prof.C.R.Muthukrishnan pointed out that the college is offering programs in core branches like Food Technology, Biotechnology, Biomedical Engineering and Mechatronics Engineering, thus balancing the offering to the students in core and IT branches. Mr.Philip Praveen added that nearly 98% of CSE related branch students are placed in IT Sectors, whereas in branches like

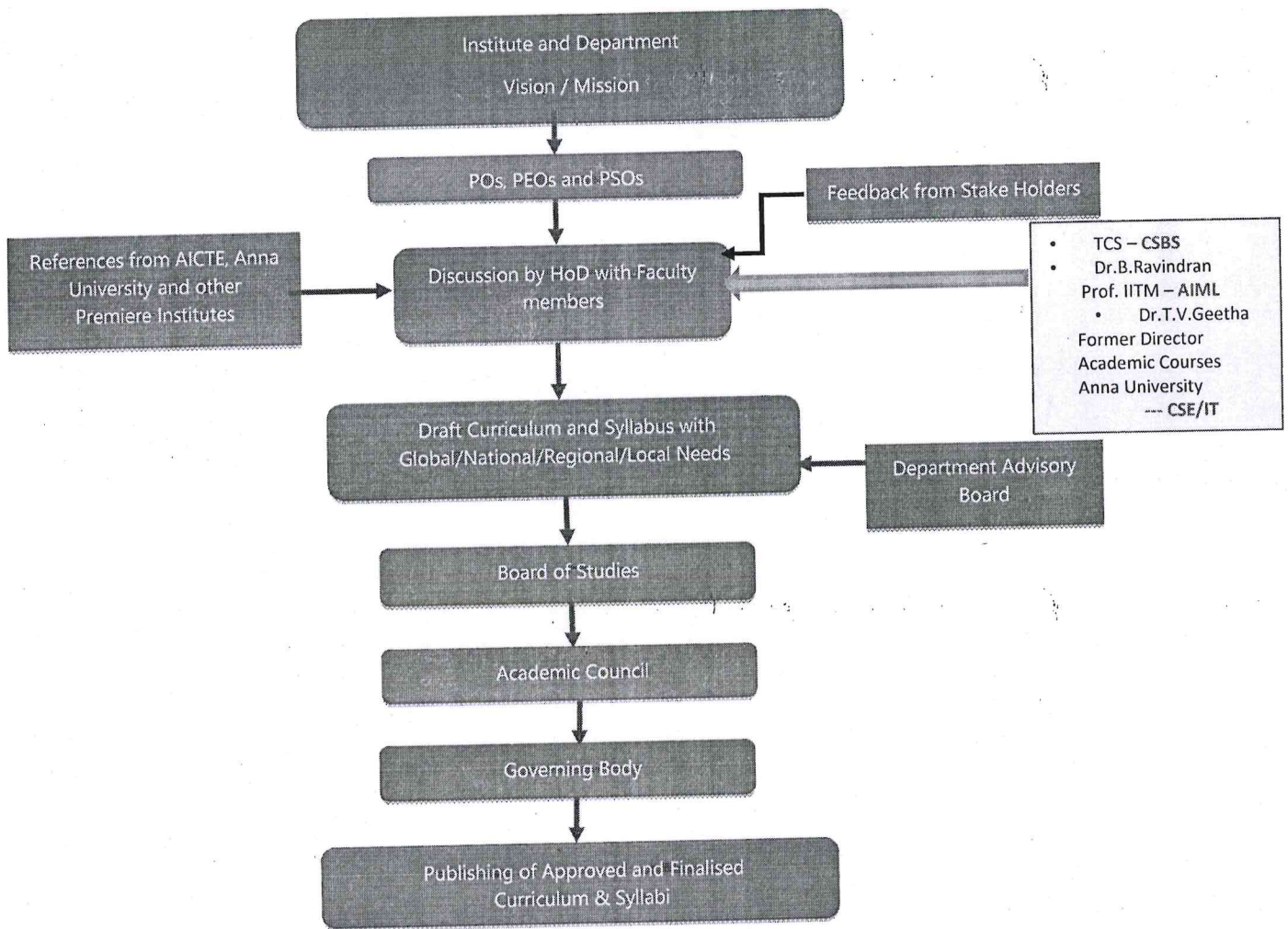
S.V. Murugesan

Automobile and Civil Engineering, placement percentage ranges from 75 to 80% and many students from Biotechnology are opting for higher studies.

Dr.Sivathanu Pillai suggested that MoUs can be signed with Automotive Tyre Manufacturers' Association (ATMA), Biotechnology related companies which have come up in SIPCOT, Sriperumbudur. He further mentioned that collaboration can be explored with the Defence Food Research Laboratory (DFRL) by the Department of Food Technology.

Chairperson responded that the institution will look into these suggestions, make proper initiatives for further progress.

GB11.02 Curricula and syllabi of Regulation R2023, processed and recommended by the Academic Council at its meeting held on 23.08.2023 - to be approved by the Governing Body



- i) As per the above flow chart, the Principal explained the process of obtaining the finalized curricula and syllabi going through several processes, starting from the Mission and Vision of the institute and department and taking into account the references and feedbacks from the various sources mentioned.

J. P. Muneesan

Accordingly, through suitable amendments of the first and second regulations, since the college became Autonomous in 2017 (i.e. R2017 and R2019); Regulations 2023 have been framed, meant for, the students joining from 2023 onwards. The curriculum and syllabi for Semesters 1 and 2 of the UG and PG courses were also appropriately prepared by the respective Boards of Studies, considering the present requirement in the various areas of the programmes. These documents, further processed and recommended by the Academic Council at its meeting held on 23.08.2023, were presented to the Governing Body in the present meeting for approval.

- The Principal, stated that in the 10th GB meeting, introducing of Honours and Minor Degree programmes was approved in-principle and presented the complete details of these programs as follows:

Starting of Honours and Minor Degree programmes

From the academic year 2023-2024 onwards, Honours and Minor degree programs are offered, for the students joined in the academic year 2021-2022 i.e. commencing from their 5th Semester of studies, as per the regulation of these programmes.

Eligibility to join Honours and Minor Degree programmes:

Eligibility for enrolling in B.E./ B.Tech. (Honours) degree or B.E./B.Tech Honours degree with specialization in the same discipline or B.E./B.Tech. with Minor degree with specialization in an another programme:

The students (who have joined first year in B.E./B.Tech. degree programme) should have earned a CGPA of 7.5 and above till Third semester and should have passed all the courses in the First attempt itself. The lateral entry students should have passed all the subjects in the first attempt in III semester and earned a CGPA of 7.50 and above in that semester

Eligibility for securing B.E./ B. Tech. (Honours) degree:

- The students should have taken additional courses from any of the verticals of the same programme and earned a minimum of 18 credits from V semester onwards.
- Should have passed all the courses prescribed in the curriculum and additional courses in the first attempt.
- Should have earned a minimum of 7.50 CGPA, taking into account all the courses prescribed in the curriculum for eight semesters and the additional courses.

D. B. Hemphill

Eligibility for securing B.E./B.Tech. (Honours) degree with specialization in the same programme

- The student should have earned additionally a minimum of 18 credits from a **Specified group of Professional Electives (vertical)** of the same programme from V semester onwards.
- Should have passed all the courses prescribed in the curriculum and additional courses in the first attempt.
- Should have earned a minimum of 7.50 CGPA, taking into account all the courses prescribed in the curriculum for eight semesters and the additional courses

Eligibility for securing B.E./B.Tech. with Minor degree with specialization in an another programme

The student should have earned additionally a minimum of 18 credits in any one of the verticals of another B.E./B.Tech. programmes or any one of the following specializations:

- Internet of Things (IoT)
- FinTech and Entrepreneurship
- Data Science
- Block Chain and Cyber Security
- Augmented Reality (AR) and Virtual Reality (VR)
- Electric Vehicles
- Robotics
- Business Analytics

In this academic year 2023-2024, Ten students have joined in Minor degree programmes and 6 students have joined in Honours degree programme

Students who have joined in Honours Degree programme

SNO	Name	Reg. No.	Dept	CGPA
1	B Sadhana	210401091	Biotech	8.07
2	Saranya KS	210401099	Biotech	8
3	Rufe Adrin Rebecca R	210501035	Chemical	8
4	Jeshwanth B	210601019	Civil	8.78
5	K.T. Vennila	210601040	Civil	8.32
6	Sowmya P *	210801205	ECE	8.12

*** Honours with specialization in the same discipline**

Students who have joined in Minor Degree programme

Sno	Name of the Minor Degree	Name	Reg. No.	Dept	CGPA
1	Block Chain and Cyber security	Ritvik Prasad M	210801159	ECE	9.32
2	Block Chain and Cyber security	P.S.Samanvitha	210801173	ECE	8.23
3	Business Analytics	Harish Rajan S	210701076	CSE	7.9
4	Data Science	S R Gayathri	210801051	ECE	9.61
5	Data Science	Pranitha S	210801142	ECE	9.18
6	Data Science	Vimal Adhithya R B	210801239	ECE	8
7	Data Science	Mayank Roy S	210901061	EEE	8.73
8	Internet of Things (IoT)	G. S. Bavashree	211501018	AI&ML	8.29
9	Internet of Things (IoT)	Niraimathi A K	211501059	AI&ML	8
10	Internet of Things (IoT)	Manoj S K	210201005	Automobile	7.98

Curricula and syllabi of Minor and Honours degree programmes (opted for by these students) are prepared by the respective Boards of Studies, processed and recommended by the Academic Council are also now placed before the Governing Body for ratification.

Web links for Regulations 2023 and curriculum and syllabus are as

1. Web Link for UG Regulations 2023:
<https://www.rajalakshmi.org/downloads/REC-2023-UG-Regulations.PDF>
2. Web Link for PG Regulations 2023:
<https://www.rajalakshmi.org/downloads/REC-2023-PG-Regulations.PDF>
3. Web Link for curriculum and syllabus as per regulations 2023:
<https://www.rajalakshmi.org/academics-R2023.php>
4. Web Link for Honours / Minor degree programme
<https://www.rajalakshmi.org/minordegree.php>

Referring to NIRF rank, Dr.Sivathanu Pillai mentioned that focus on research and funded projects will help REC to move up. A study of scores secured by engineering institutions ahead of REC in the NIRF ranking, will also be helpful in making further preparations to secure a better rank. In this context, Mr.Philip Praveen presented the marks obtained in the various parameters in the recent NIRF Ranking (REC@86th rank). Mr.Ganesan suggested for comparative picture of the institutions close to REC and above in the ranking, provide better analytics for improving the rank.

Advisor mentioned that in the 2017 regulations, a total of 180 – 185 credits was specified for the UG programmes and in R2019, it is brought to 160 – 165 credits so that the students pursue to a greater depth in lesser number of subjects; This enables students who academically perform well to pursue Honours and Minor degree with additional 18 credits.

S. P. Hempan

Dr.Sivathanu Pillai mentioned that an M.Tech. course in Defence Technology with a syllabus given by DRDO and approved by AICTE comprising theory courses in First year and a project in DRDO Labs in the Second year, with the minimum qualification being any B.E. / B.Tech. degree. With the CVRDE at Avadi, and a Defence corridor coming up in Tamil Nadu, the M.Tech. in Defence Technology program may be considered for introducing in REC.

After a detailed discussion, the Governing Body **RESOLVED** to approve the Regulation R2023, Curricula of UG & PG programmes, syllabi for Semesters I & II and starting of Honours and Minor Degree programmes from the academic year 2023-2024 onwards.

GB11.03	Seeking the approval of the Governing Body for the strategic plan of the institute for the period from 2023-2028
----------------	---

The Principal informed the members that Strategic Plan of the institution for 2018-2023 was prepared and presented as mentioned in the previous 10th GB Meeting (10.07). The strategic plan focused on the following areas in its continued pursuit of excellence:

- research,
- industrial collaboration,
- student's outreach,
- administration and
- infrastructure development goals.

KPIs have been identified along with the envisaged targets for each KPI and Strategies to achieve the targets have also been framed

A copy of this strategic plan is given in **ANNEXURE-I**

It was further informed that regular meetings were conducted to periodically assess the progress made in terms of achieving various Key Performance Indicators (KPIs). The Internal Quality Assurance Cell (IQAC) of the college played a key role in monitoring the progress made and taking appropriate steps as required. It is observed that in spite of pandemic lock-downs, the institution was able to achieve many of the targets set, except a few.

The Principal then said that after a thorough analysis and review of KPIs attained in various focus areas of the strategic plan 2018-2023, it was observed that the performance can be categorized as follows:

- Category 1: Areas where the targets set were achieved comfortably so that the **modified** improved targets can be fixed for the next cycle of Five years, i.e., 2023-2028.
- Category 2: Areas where we were able to perform well but could not reach the target set in the first cycle. In these areas, targets are **retained** so that by performing better in the next cycle, targets can be achieved.
- Category 3: In areas where the targets set are found to be too high leading to large gap between level of targets reached and targets set. In these areas, lower levels of **revised** targets are set in the next cycle.

The following details were presented:

Target for 2018-2023	Status	Revised Target for 2023-2028
To design and offer elective courses in collaboration with industry for 10 credits in all the disciplines	Revised <ul style="list-style-type: none"> • Could conduct for CSE,IT,CSBS, BME, Auto, Mech • Not able to implement in other disciplines 	To design and offer two courses in collaboration with industry for a minimum of 3 credits in all the disciplines
To design curriculum with a 50/50 split of core courses and elective courses relevant to the discipline apart from other mandatory as stipulated.	Revised <ul style="list-style-type: none"> • Objectives are revised to cater to the varied needs of students 	30% of credit with more options through courses of PE / OE / EEC / Industry Internship / Online Courses etc.
To ensure at least 90% of students pass at the end of fourth year without arrears.	Modified <ul style="list-style-type: none"> • well above 90% in all the three batches completed under autonomous status 	To ensure at least 90% of students pass at the end of fourth year with at least 60% of them completing the program without history of arrears.
Every teacher should undergo at least one upskilling program in a semester.	Modified <p>100% achieved in even semester whereas in odd semester, could achieve only by 3 departments</p> <ul style="list-style-type: none"> • KPI Refined 	Every faculty to undergo 1 in every Year with minimum 5 days
To increase the number of faculty members involved in sponsored research to 50 at the end of 2023.	Modified <ul style="list-style-type: none"> • 55 faculty were involved • Higher target is fixed 	To increase the number of faculty members involved in sponsored research to 80 at the end of 2023.
To secure a total funding for sponsored research approximately 10 crores in five years.	Modified <ul style="list-style-type: none"> • 9.5 Crores received • Higher target is fixed 	To secure a total funding for sponsored research approximately 15 crores in five years.
Annually every faculty member should come out with at least one Scopus indexed journal paper. Out of this number 50% should come under SCIE indexed.	Revised <ul style="list-style-type: none"> • 477 Scopus/SCI published • Target is revised with well-defined rubrics 	Per year 2N no. of papers from every department with N faculty in Scopus/SCI journals.

D. D. Kulkarni

Target for 2018-2023	Status	Revised Target for 2023-2028
15 Number of patents applied annually.	Modified <ul style="list-style-type: none"> 132 patents filed/published/granted Higher target is fixed 	150 Patents - 30 per year to be filed
At least 50% of the student projects, culminates into publication in journal / conferences.	Retained <ul style="list-style-type: none"> Not able to achieve the target 	At least 50% of the student projects, culminates into publication in journal / conferences.
To ensure at least five MoU's in a year.	Modified <ul style="list-style-type: none"> 35 MoUs in 5 years Higher target is fixed 	Two Active MoUs/year/dept with min 2 activities based on each MoU
To increase the participation of faculty members involved in consultancy work to 15%	Modified <ul style="list-style-type: none"> 59 faculty have contributed Higher target is fixed 	To increase the participation of faculty members involved in consultancy work to 20 %.
To ensure at least 2% of students undergo internship through exchange programs in every two years.	Retained <ul style="list-style-type: none"> Not able to achieve the target 	To ensure at least 2% of students undergo internship through programs like MITAC, Semester Abroad etc.
To grow to a level at which at least one start-up venture is incubated in every year.	Modified <ul style="list-style-type: none"> 4 Start-ups established Higher target is fixed 	2 per year – a minimum of 10 in 5 years
To increase the pre-incubation activity to facilitate the "concept to product" cycle in order to cater the industrial needs.	Modified <ul style="list-style-type: none"> 5 events organised Higher target is fixed 	To conduct 2 pre-incubation activity per year to facilitate the "concept to product" cycle in order to cater the industrial needs.
To ensure at least 1 industrial visit every semester for each class.	Retained	To ensure atleast 1 industrial visit every semester for each class.

Target for 2018-2023	Status	Revised Target for 2023-2028
To arrange at least 2 guest lectures for every semester for each class.	Modified <ul style="list-style-type: none"> • 2 per class has been conducted • Higher target is fixed with orientation to Core 	Increase number of core companies and target 3 / year/ class
To ensure that all the students undergo 1 internship of 1 or 2 weeks at the end of every academic year.	Retained <ul style="list-style-type: none"> • Not able to achieve the target 	To ensure that all the students undergo 1 internship of 1 or 2 weeks at the end of every academic year.
To arrange at least 1 workshop every semester relevant to the programme.	Modified <ul style="list-style-type: none"> • Average 2 per department were conducted • Higher target is fixed 	To arrange a minimum of 2 workshops every semester relevant to the programme by each department ensuring all students to participate in atleast one.
To ensure that all the students undergo in-plant training at least once in every academic year.	Removed [to be covered in internship]	-----
To ensure that at least 5% of the faculty members avail sabbatical leave for industrial exposure.	Revised [Achieved, target is revised with well-defined rubrics]	100% of faculty undergoing sabbatical in relevant industries with min 5 days in 5 years
The number of industry-oriented projects by students should be increased to 25 %.	Modified [could not achieve, lower target is fixed]	The number of industry-oriented projects by students should be 10 % in each batch.
25 % of the faculty completed a minimum of one industry – offered course in the specialization applicable.	Revised [could not achieve, target is revised with well-defined rubrics]	25 % of the faculty of CS Stream to complete a minimum of one industry – offered course in the specialization applicable. For others 25% undergo a sabbatical with min of 5 days in their relevant industry per annum.

Target for 2018-2023	Status	Revised Target for 2023-2028
At least one technical project competitions should be conducted by the departments	Retained [Not able to achieve the target by a few departments]	At least one technical project competitions should be conducted by the departments
To encourage and support students so that at least 5% of them enrol for higher education in national and international universities and at least 1% of students venture on entrepreneurship.	Modified [could not achieve, lower target is fixed]	To encourage and support students so that at least 2% of them enroll every year for higher education in national and international universities of repute and at least 50 students venture on entrepreneurship in 5 Years.

Accordingly, the strategic plan for 2023-28 (**ANNEXURE-III**) is prepared and submitted for the approval of the Governing Body.

After studying the details of strategic plan, Dr.Sivathanu Pillai asked about Accreditation Board for Engineering and Technology (ABET) Ranking for which the Vice Chairman informed that it is applicable only for universities. Mr.Philip Praveen informed that the institution is undergoing the QS Rating exercise currently. Chairperson suggested that NABL accreditation for Labs can be taken up to enhance the quality of consultancy services.

Dr.Gopi also added that internship has been made compulsory in the UG curriculum and IT companies are unable to manage the very large number of students due to security reasons also. Advisor said that students are unable to spend three months or more in industry internship and autonomous institution like REC, should discuss with Anna University to overcome this issue. We can expand hackathon like activities as internship for students training. Dr.Sivathanu Pillai said that even in this situation, internship for students should be made possible by suitable planning and flexible timing. He further mentioned that the Tamilnadu Industrial Development Corporation Limited (TIDCO) has provisions for accommodating larger number of students. It will also be helpful to make use of retired people with rich experience in industry to offer industry relevant courses. The TVS Company is offering training and recruiting students.

Mr.Ganesan felt that the strategic plan, in addition to the focus on KPIs, targets and their improvement, need to consider new impactful areas for the future growth of the institution

Dr Sivathanu Pillai also asked whether, any more FIST projects are being planned. He further mentioned about the importance of recent developments in Photonics, quantum physics and computation, 5G communication, Space Technology and Cyber Security etc. and training the students in these areas.

The Principal also added that all branch students in REC are going through internship. The 15 CoEs functioning now are planning to offer internship in the II year wherein, industry resource person will come to CoEs, suggest suitable topics and guide the students. Chairperson also added that students are motivated to take up more Industry relevant projects during their course and these days, growing expertise in the area of electronics is very much needed. Advisor also mentioned about the faculty sabbatical which can in turn promote such industry related projects.

Mr.Ganesan stated that Chip industries are progressing in developing automotive engines and automotive gears with software algorithms. Mr.Philip Praveen said that highly skilled people in Robotics are needed by the industries and industry experts from Samsung who have visited our Robotics laboratory were impressed by the infrastructure.

Following the discussions as above, the Governing Body **RESOLVED** to approve the Strategic Plan for 2023 - 2028.

GB11.04	<p>Reporting the increase in intake and new programs introduced:</p> <p>From the academic year 2023-2024 onwards</p> <p>Starting the new UG programs (with the approval of AICTE and Anna University)</p> <p>B.E. – Computer Science and Engineering (Cyber security)with 60 Seats</p> <p>(3+1) Twinning program with Binghamton university - B.E. Computer Science and Engineering from the batch admitted in 2023</p> <p>Increase in Intake (with the approval of AICTE and Anna University)</p> <ol style="list-style-type: none">1. B.Tech. - Artificial Intelligence and Data Science from 60 to 180 seats2. B.Tech. – Information Technology from 180 to 240 seats3. Master of Business Administration(MBA) from 120 to 240 seats <p>Reduction in Intake</p> <p>B.E. – Mechanical Engineering from 180 to 120</p> <p>Honours and Minor degree programs</p> <p>Honours and Minor degree programs from the academic year 2023-2024, for the students joined in the academic year 2021-2022 commencing from 5th Semester of studies.</p>
----------------	---

Dr.Gopi asked how many programmes are planned to be offered in this Twinning scheme. Principal said that at present, for the discipline of Computer Science and Engineering, 42 students of 2023-24 batch have opted for this programme.

The Governing Body **RESOLVED** to approve the above mentioned programmes.

J. V. Manjappa

GB11.05 Reporting results of NAAC accreditation and NIRF ranking 2023 of the College

- The college is accredited by NAAC since 2007.
- In the recent visit of the NAAC accreditation committee for the 3rd cycle in April 2023, the college is accredited with the highest 'A++' Grade, for its Excellence in imparting Quality Technical Education to the Students and achievements in other activities of the institution.
- REC has also secured a ranking in the top 100 at national level among all the engineering colleges in India and placed at **86th rank in 2023**, by National Institute Ranking Framework (NIRF).

GB11.06 Preparation for NBA accreditation for B.Tech. Chemical Engineering and B.Tech. Food Technology

- All the eligible 11 UG and 1 PG programmes offered by the college have been accredited by NBA (National Board of Accreditation).
- Now, the college is preparing for the NBA accreditation in the prescribed format for
 - B.Tech. Chemical Engineering and
 - B.Tech. Food Technology programmes,which have now become eligible for seeking accreditation.

GB11.07 Reporting the activities of the Internal Quality Assurance Cell (IQAC), since the previous Governing Body meeting

Apart from monitoring the routine quality assurance related activities such as collecting feedback from stakeholders on various major domain and taking appropriate corrective measures, IQAC spearheaded the following major events:

- Reaccreditation by NAAC –third cycle in March 2023
- Preparation of Regulation/curricula and syllabi of R2023
- Extension of autonomous status
- Preparation Strategic Plan for 2023-2028
- Summer internship for students through Centers of Excellence
- Faculty upskilling and faculty sabbatical in industries

The Governing Body received the report of the IQAC (ANNEXURE-IV).

GB11.08	Reporting the recent developments/accomplishments of college, departments, faculty and students
----------------	--

- IDEA Factory : A new facility with a built-up Area – 30,000 Sq. ft. consisting of G+2 floors, In ground floor houses the AICTE Idea Lab for about 4000 Sq. ft., with facilities for 3D Scanning, CNC Router Machine & Advanced Equipment etc. created recently
- IDEA FACTORY was inaugurated by Dr. Senapathy “Kris” Gopalakrishnan, Co-Founder, Infosys, on 19-06-2023
- Recognition of the college as host institution by MSME followed by a funding Rs.1.38 crores for developing four products.
- A funding of Rs. 70,16,430 /- for the project titled "Digitally Fusing the Traditional Knowledge Gap to Foster the Potential Use of Millets as a Nutritious Alternative to Mitigate the Micronutrient Deficiencies" from DST SHRI.
- Other major achievements of the college, faculty and students submitted to GB members.

Principal said that the IDEA lab is predominantly for carrying out innovative projects by faculty members and students making use of the facilities made available such as 3D printing and scanning etc. This Lab. is kept open till 8.00 p.m. and new creative ideas have started emerging out of the efforts of the users.

The Governing Body noted the report.

GB11.09	New Initiatives taken
----------------	------------------------------

I. Stipend for all PG students and full time research scholars

In order to encourage research and development at REC, stipend is being provided for the students admitted in PG and full time Ph.D. programs from the academic year 2023-24 onwards.

- 40 students took up the screening test and subsequently participated in the interview. A total of 29 students were finally selected for the stipend scheme
- PG Scholars registered under this scheme in the departments of CSE and IT are provided with a monthly stipend of Rs.25,000/- and for other department scholars it is Rs. 20,000/-.
- Full time Ph.D. scholars pursuing research at recognised research centres in REC are provided with a stipend of Rs.20000/- per month.

Dr.Gopi said that a stipend of Rs.6000/- is offered to students pursuing PG studies in Government colleges to promote number of students taking up these programmes.

S. N. Ramyan

The Governing Body noted that the new Scholarship scheme for PG students is more attractive and appreciated the initiative.

II. New Appointments:

The following new appointments made are reported

- Dr.S.P.Srinivasan – **Vice Principal**
 - Mr.P.Jeeva Kalyana Sundaram – **Executive officer (Administration)**
 - Mr. Mahesh Menon – **Head (HR)**
 - Dr. M.Palanivelan – **Director PG Studies**
 - Additional faculty were recruited during this academic year 2023-24, to meet the needs of increased intakes in different programmes
 - Professor – 6
 - Associate Professor – 3
 - Assistant Professor – 55
 - Assistant Professor (SG) – 9
 - Assistant Professor (SS) – 3
- Total - 76

The Governing Body received the information.


GB11.10 Any Other Points

B.E. Program for working Professionals

AICTE has granted approval for the following degree level programmes for the working professionals, from the Academic Year 2023-24, based on the communication dated 17-10-2023.

1. B.E. – Computer Science and Engineering - 30 intake
2. B.E. – Electronics and Communication Engineering - 30 intake
3. B.E. – Mechanical Engineering - 30 intake

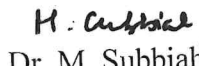
The Governing Body approved the new programmes for the Working Professionals.


Dr.A.Sivathanu Pillai


Mr.K.Ganesan

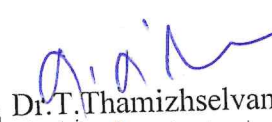

Dr.V.R. Giridev


Dr.S.Gopi


Dr. M. Subbiah 8.11.23


Dr.C.R.Muthukrishnan


Mr.R.Vijayakumar


Dr.T.Thamizhselvan


Dr. S.N. Murugesan 8/11/23


Thiru. M. Abhay Shankar


Dr. (Mrs.) Thangam Meganathan
Page | 18