

**RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY  
(AUTONOMOUS)**

**MINUTES**

**SECOND GOVERNING BODY MEETING**

**DATE & TIME – 18 OCTOBER 2021. 11.30 AM**

**VENUE – RSET CAMPUS & ONLINE**





## **INDEX**

Item No	Subject	Page No.
	Members present	3
	General Address	4
GB.02 (01)	Confirmation of the minutes of the first GB meeting held on 01-12-2020	4
GB.02 (02)	Report by Principal on activities at RSET after last meeting of GB	4-12
GB.02 (03)	Approval of minutes of the second Academic Council held on 20-09-2021	13
GB.02 (04)	Approval of minutes of the first Finance committee held on 25-06-2021	13
GB.02 (05)	Reporting By Director	13
GB.02 (06)	Other items with the consent of the chair	14





**RAJAGIRI SCHOOL OF ENGINEERING & TECHNOLOGY (AUTONOMOUS)**  
**SECOND GOVERNING BODY MEETING HELD ON 18-10-2021 AT 11.30.A.M**

**VENUE - BOARD ROOM, RSET**

**Members Present**

SINo	Name & Details	Designation	
1	Rev.Fr.BennyNalkara,CMI Provincial & Manager, RSET, Chairman	Chairman	Present
2	Rev.Dr. Jose Kuriadath CMI, Director, RSET Member	Member	Present
3	Rev.Dr.Saju MD. CMI, Councilor for Education, S H Province & Associate director, RCSS.	Member	Present
4	Rev.Dr. Jaison Mulerickal,CMI,Vice Principal, RSET	Member	Present
5	Rev.Dr. Joel George Pullolil, CMI, Dean (U G) & Assistant Director, RSET	Member	Present
6	Prof. Lakshmi Narayan Singh, Head, Dept: of Physics, Dr. B A Technological University Lonere, Maharashtra	Member	Present (Online )
7	Sri.Ajayan.C, Additional Secretary, Higher Education Department, Government of Kerala	Member	Present
8	Dr. K. Poulose Jacob, Dean Research, RSET	Member	Present (Online )
9	Dr. Jacob T. Varghese, Chairman, STEAG Energy Services	Member	Present (Online )
10	Dr. Vinod Kumar P.B, Professor & Dean (P G), RSET	Member	Present
11	Rev.Dr. Varghese Panthalookaran, CMI, Professor, Department of BS & H, RSET	Member	Present (Online )
12	Dr. Jobin.K. Antony, Professor, Dept. of Electronics and Communication Engineering, RSET	Member	Present
13	Dr. Sminu Izudheen, Associate Professor, Dept. of Computer Science and Engineering, RSET	Member	Present
14	Adv.Kurian George Kannanthanam, Senior Counsel, High Court of Kerala	Member	Present (Online )
15	Mr.C.J. Romid, FCA, Chartered Accountant.	Member	Present
16	Dr.P.S. Sreejith, Principal,RSET	Ex officio Secretary	Present

Those members who were absent for Governing Body meeting : 1. Dr. Vinodkumar Jacob, University nominee, 2. Dr. M S Anand, Educationist, 3. Dr. P B Sunilkumar, Educationist, 4. Dr. Vinay Kumar Dadhwal, Educationist.





**General Address.**

The meeting commenced at 11.30 am with a silent prayer.

16 out of 20 members participated in the meeting. 5 of them joined online.

Rev.Dr.Benny Nalkara CMI,Chairman, Governing Body,& Manager, RSET delivered the welcome address. He welcomed all Governing Body members who were physically present and also those who joined online. He praised the administration, teaching and non-teaching staff, students and all the other stakeholders for their selfless service in keeping the RSET legacy intact even during the covid-19 pandemic.

After the welcome address, the Principal, Prof. Dr. Sreejith P.S., who is also the Ex officio secretary of the Governing Body, introduced the newly designated University nominee (in his absence), Dr. Vinodkumar Jacob, Professor, Department of ECE, M.A. College of Engineering, Kothamangalam, to the Governing body of RSET. He also welcomed all the members of Governing Body who were present in the online and offline mode and moved on to agenda items.

**Item No GB 02(01) – Confirmation of the minutes of the first Governing Body meeting held on 01-12-2020**

**The secretary presented the minutes of the previous Governing body meeting held on 01-12-2020 and the Governing body resolved to approve the minutes**

**Item No GB 02(02) –Report by Principal on activities at RSET after last meeting of Governing Body**

The report of the college during the period between the last and present Governing Body meeting was presented through power point presentation by the Principal as follows

**1. Samavarthanam2021**

Samavarthanam 2021 the course completion ceremony of the 11th batch of M.Tech. and 17th batch of B.Tech students was conducted on Saturday 18th September 2021 in KE Auditorium. Dr. P. S. Sathidevi, Director-in-charge, NIT Calicut was the guest of honour. Rev. Fr. Benny Nalkkara CMI, Manager RSET and Provincial of the Sacred Heart Province of CMI Congregation presided over the function. The programme was attended in person by about 170 students and their parents while the rest of students and parents joined the YouTube live streaming of the function. Rev. Dr. Jose Kuriedath CMI, Director RSET welcomed the gathering and Rev. Dr. Jaison Paul Mulerickal CMI, Vice-Principal, RSET, proposed the Vote of Thanks. The oath taking ceremony was administered by Prof. (Dr.) P. S. Sreejith, Principal, RSET, Awards worth Rs. 4.5 lakhs were distributed to the meritorious students during the ceremony.





## 2. RIDHI 2021

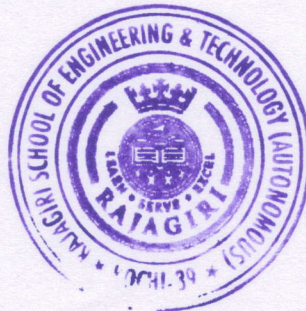
RIDHI 2021(Refine, Inspire, Develop for Huddle Improvement), the **Academic Retreat** for teaching and non teaching staff was conducted on 29<sup>th</sup> to 30<sup>th</sup> July, 2021

Objective: Think, discuss and finalise collectively the plans for enhancing all aspects of education at RSET as per the requirements of the autonomous status.

Dr. O. R. Nandagopan former Director, Naval Science and Technological Laboratory, Dr. Edamana Prasad, IIT Madras, Rev. Dr. Gilson John CMI, Former Principal, St. Joseph College, Moolamattom, Idukki, Dr. P. S. Sreejith, Principal RSET were the resource persons for the program. The program was inaugurated by Director RSET, Rev. Dr. Jose Kuriedath. Concluding remarks were made by Rev. Dr. Jaison Paul, Vice Principal, RSET

## 3. 'Covid-19 Vaccine Challenge - Free Vaccination Camp for Students and Faculty

RajagiriValley Credit Union and NSS of RSET, Autonomous jointly conducted a free vaccination camp on Friday, 8th October 2021 for students and staff as part of the 'Covid-19 Vaccine Challenge', an initiative of Shri. Hibi Eden MP. The first and second doses of Covishield were available (second dose for those who completed 84 days after the first dose). Along with Shri. Hibi Eden MP, renowned film script writer Renji Panicker was the chief guest; they together distributed the certificates for 15 students out of eligible 40 students of 2019-2021 batch of NSS volunteers.





#### 4. Funded Projects

- (A.) Project Title: **"An Interactive, Dynamic and Scalable Ocean Visualization Tool (Oceanvizio)"** Objective: The aim of the project is to build an ocean visualization software package that performs scalar and vector visualization of heterogeneous ocean data and ocean phenomena. The project will result in a software package that uses high end algorithms to provide a deeper understanding of the world oceans on the tip of a finger, for all professionals, who are working in the field of oceanography. The project is carried out in collaboration with NPOL, Cochin.

Sponsoring Agency: Naval Research Board (NRB)

Amount Sanctioned: 33, 78, 0321/-

Duration: 3 Years

Principal Investigator (PI): Dr. Preetha K. G., Dept. of Computer Science and Engineering

Co- PI: Dr. Saritha S., Dept. of Computer Science and Engineering

- (B.) **APJKTU sponsored Scheme- Research Seed Money (RSM)** The project of three faculty members from EEE and Mechanical Engineering branch were selected. The details are given below

1. Project Title: Parametric Modeling and analysis of electric vehicle (EV) for optimized performance.

Sanctioned Amount: **1, 40,000/-**

Principal Investigator: Ms. Prathibha P K, Assistant Professor, DEE, RSET

2. Project Title: Numerical and experimental study on aerodynamic characteristics of shape optimized airfoils for generating flight worthy adaptive wings for UAVs.

Sanctioned Amount: **1, 63,100/-**

Principal Investigator: Mr. JITHIN P N, Assistant Professor, DME, RSET

3. Project Title: Development of Strontium based A17075-WC composite and its investigation on mechanical and metallurgical characteristics.

Sanctioned Amount: **1, 70,000/-**

Principal Investigator: Mr. JEFFIN JOHNSON, Assistant Professor, DME, RSET

- (C.) **DBSH-Title: Study and Characterization of Cardiac dynamics from ECG signals based on complex network measures and to automate the classification of arrhythmias using convolutional neural network**

Sanction date: December 28, 2020

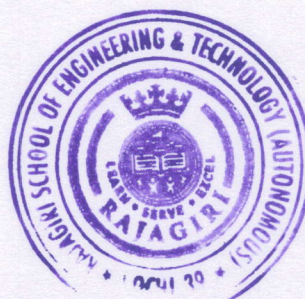
Project start date: January 12, 2021

PI: Dr Rinku Jacob, Assistant Professor in Physics

Co PI: Dr Ramkumar P.B., DMA

Approval and funding from DST-SERB – for 3 years

Total Amount: Rs 505450/-





## 5. MAJOR EVENTS HELD AT RSET - DEPARTMENTWISE

### Dept. of Electronics and Communication Engineering

#### 5 Day Indo - German International Workshop

Department of ECE, Rajagiri School of Engineering & Technology organized a 5 Day Indo - German International Workshop (Online) in association with Frankfurt University of Applied Sciences, Germany from 5th April 2021 to 9th April 2021 as part of the MoU signed between RSET and FUAS, Germany. The Department of ECE offered a course on Python for Engineers as a scientific computing tool from 6th April 2021 to 9th April 2021 for students of Frankfurt University of Applied Sciences, Germany and Frankfurt University offer a course on Embedded Systems and Real-time Operating Systems for students of RSET.

### Dept. of Applied Electronics and Instrumentation

KTU Sponsored 5 day FDP on Artificial Intelligence and Machine Learning: Theory and Applications from February 1st to 5th, 2021

### Department of Mathematics

Conducted an International Conference on Number Theory and Discrete Mathematics (ICNTDM 2020), 11-14 December 2020. There were 240 people including students participated in the conference.

Co-ordinator - Dr. Vinod Kumr P. B, Dean P G and Controller of Examinations RSET (Autonomous)

### Dept. of Computer Science and Engineering and Information Technology

KTU sponsored online 5 day FDP on "Data Science and Artificial Intelligence" from 8<sup>th</sup> to 12th February 2021. Conducted by Dept of CSE and IT

Co-ordinators: Dr. Varghese Paul, Professor (DCS) & Dr. Sherly K. K. (Associate Professor, DIT)

### Dept. of Computer Science and Engineering

Patent Granted

Name: Dr. Dhanya P. M.

Title: Constructing Morphology of multi level intuitionistic fuzzy hyper graphs.

Type: International

Patent Number: 2020104036

Date of granting: 02/10/2



8



### **Dept. of. Information Technology**

Conducted a Workshop on How to build an Industry IoT Solution organized by TCS on 27 May to 2nd June 2021.

### **Dept.of Electrical and Electronics Engineering**

Static in motion- Energy management aspects of Electric Vehicle systems on 07 May 2021  
**Resource person: Dr. M V Rajesh, Chairman, IEEE SPS Kerala Chapter.**

### **1. Dept. of Mechanical Engineering**

Co-ordinator: Mr. JITHIN P N, Assistant Professor, DME

A Collaborative Virtual Mini Engineering fest was organized by the ASME student section in association with 10 ASME student sections from Kerala.

Date: 18/6/2021 to 20/6/2021

#### **Objectives**

- Exposure to industries and technocrats
- Expanding the knowledge curve by infusing both creative and technical learning
- To encourage students to apply engineering skills in a purpose oriented manner
- Faculty advisor (ASME): Dr. Manoj GTharian

2. A Talk on "Journey into the Robotics Regime" was organized under the banner of the students association 'RealMechanica'

Resource Person: Dr.MERVIN JOE THOMAS, Asst. professor, DME, RSET

Date: 15/6/2021

#### **Objectives: To give**

- Introduction to Robotics
- Introduction to kinematic modeling of robots
- Introduction to roboanalyzer simulation software

### **Dept. of Civil Engineering**

Conducted a FDP on "Energy Efficient Buildings in BIM", 22 March to 27 March 2020  
There were 26 Faculty members from DME, DCE and DEE of RSET participated.

### **Dept. of Basic Science and Humanities**

Conducted **Faculty Training Programme** on "Understanding the Constitution of India", Conducted from 11<sup>th</sup> December to 16<sup>th</sup> December 2021. Resource person: Ms.Divya Salim, National Law University, Bhopal. There were 59 members participated in the programme.





## 6.NSS Activity -PUSTHAKAPETTI

"PUSTHAKAPETTI" was an event which was conducted by RAJAGIRI NSS UNIT and RAJAGIRI FIELD OUTREACH KALAMASSERY, in which school stationery items were collected and provided to the needy ones. The event involved collection of school items by placing a carton box in front of the KE block of RSET. This was collected from 20<sup>th</sup> July to first week of August. 100 notebooks, 190 pens, 20 instrument boxes and 20 pouches were collected through this event. The distribution of the stationeries was conducted on 18 August 2021, from 12.00 p.m. in Chavara Hall. The ceremony commenced with welcome address by Vice Volunteer Secretary, Johan John. The distribution session was inaugurated by Dr. PS Sreejith (Principal, RSET), Mr.Jithink Francis (Program officer of Rajagiri NSS Unit 232) and other office bearers also were present on the occasion.

## 7.IEDC Activities

DEFINE#39; 21, a National Level, Online, Techno - Entrepreneurial Fest under Innovation and Entrepreneurship Development Centre or IEDC of RSET was held from 09 to 25 July 2021. It consists of various competitions, workshops, talks from eminent personalities, technical, non-technical and entrepreneurial programmes with a prize pool of Rs.75000/-. DEFINE had 20 events with 10 technical and 10 non-technical events. 3000+ participants including 558 participants from Kerala and 157 participants from the rest of India, four international participants and 2270 participants from RSET. DEFINE 21 aspired to shed light on the endless possibilities and opportunities in the world of Innovation and Entrepreneurship to act as an Aspirational platform and push to budding creative talent.



8



## 8. REPORT ON CSBS – NEW B TECH BRANCH STARTED

RSET in collaboration with TCS launched B.Tech Computer Science & Business systems (CSBS) programme on 11 September 2021. Shri. P. Rajeev, Hon'ble Minister **for Law, Industries and Coir**, Shri.P.T. Thomas, Hon'ble MLA, Thrikkakara Constituency and **Mr. Dinesh Thampi**, Vice President and Delivery Centre Head -TCS, Kerala graced the occasion and the launch details were published in the press. The curriculum and detailed syllabus are given by Tata Consultancy Services.

The curriculum aims to ensure that the students graduating from the program not only know the core topics of Computer Science but also develop an equal appreciation of humanities, management sciences and human values. The students are also exposed to emerging topics such as Analytics, Machine Learning, Cloud Computing, Internet of Things etc to make them industry ready at the end of four years of study. They will have the following knowledge / skill and attitude and will be in a position to make a meaningful contribution to the growth of the Indian economy.





## **PLACEMENT HIGHLIGHTS**

The main highlights of RSET are its impressive placement record which shows excellent student quality, leadership and personality aspects. Around 144 companies have visited our college during 2020-2021 academic year and 482 students have been placed out of 549 eligible students from a total strength of 726. Some of the Top recruiters include- *INFOSYS, WIPRO, COGNIZANT, EY, TCS UST GLOBAL, SOUTH INDIAN BANK and ACCENTURE.*

### **STUDENTS PLACEMENT STATISTICS FOR THE LAST THREE YEARS**

Academic year	Total No. Of students placed	Total No. of offer received
2020-21	484	913
2019-20	490	825
2018-19	508	745





**STUDENTS PLACEMENT STATISTICS FOR THE ACADEMIC YEAR 2020- 2021**

	Total	AEI	CE	CSE	ECE	EEE	IT	ME
<b>Total No of Companies visited for 2021 Batch</b>	<b>144</b>							
<b>CLASS STRENGTH</b>	<b>726</b>	<b>45</b>	<b>62</b>	<b>196</b>	<b>181</b>	<b>59</b>	<b>59</b>	<b>124</b>
<b>ELIGIBLE STUDENTS ( CGPA 6 + NO BACK LOG) upto S6</b>	<b>549</b>	<b>29</b>	<b>51</b>	<b>167</b>	<b>152</b>	<b>41</b>	<b>29</b>	<b>80</b>
<b>% OF ELIGIBLE STUDENTS</b>	<b>75.61</b>	64.44	82.26	85.20	83.98	69.49	49.15	64.52
<b>ELIGIBLE STUDENTS PLACED</b>	<b>439</b>	<b>27</b>	<b>16</b>	<b>158</b>	<b>140</b>	<b>35</b>	<b>22</b>	<b>41</b>
<b>% OF ELIGIBLE STUDENTS PLACED</b>	<b>83.46</b>	93.10	34.78	97.53	97.90	97.22	95.65	51.25
<b>NO OF STUDENTS NOT ELIGIBLE BUT PLACED</b>	<b>44</b>	<b>1</b>	<b>1</b>	<b>12</b>	<b>5</b>	<b>5</b>	<b>20</b>	<b>0</b>
<b>BRANCH TOTAL OFFER</b>	<b>895</b>	<b>33</b>	<b>23</b>	<b>383</b>	<b>262</b>	<b>66</b>	<b>74</b>	<b>54</b>
<b>TOTAL NO OF STUDENTS PLACED</b>	<b>482</b>	<b>27</b>	<b>17</b>	<b>170</b>	<b>146</b>	<b>40</b>	<b>41</b>	<b>41</b>
<b>TOTAL OPTOUT</b>	<b>32</b>	<b>0</b>	<b>0</b>	<b>7</b>	<b>11</b>	<b>4</b>	<b>9</b>	<b>1</b>
<b>% OF PLACEMENT (Considering Class Strength)</b>	<b>70.09</b>	<b>60.00</b>	<b>27.42</b>	<b>93.88</b>	<b>92.82</b>	<b>81.36</b>	<b>84.20</b>	<b>34.68</b>



*[Handwritten signature]*



**Item No GB 01(03) -Approval of minutes of the second Academic Council held on 20-09-2021**

**The minutes of the second academic council held on 20-09-2021 was read out by the Principal and was approved by the Governing Body. No comment were received.**

**Item No GB 01(04) -Approval of the minutes of first Finance committee held on 25-06-2021**

**The minutes of the first finance committee and budget for the 2021-2022 financial year were circulated among the Governing body members and the same were unanimously approved by the Governing Body.**

**Item No GB 01(05) – Reporting by director**

Director Rev.Dr. Jose Kuriedath CMI briefed the GB about RSET's achievement in the Final University Examination result of the B.Tech 2017-2021 batch, and expressed his satisfaction with the result, sharing the fact that RSET is placed in the fourth position in terms of pass percentage and first in maximum number of students who registered and wrote the examination amongst all the engineering colleges under KTU. He pointed out that RSET is first in terms of student intake to the B.Tech programmes in Kerala, and in the 2021' admissions, RSET is the first choice amongst private self-financing colleges for top ranking students. The preference for admission to CS and CS related branches viz IT, AI&DS and CSBS are evident and he said that these branches are very relevant in modern times.

The Director congratulated the Principal, Prof. Dr. Sreejith P. S. for his being nominated to CUSAT syndicate by UGC.





**Item No GB 01(06) - Other items with the consent of the chair.**

- a) Sri.AjayanC., Additional Secretary, Higher Education Department, Government of Kerala said that as part of the educational policy in higher education, government has initiated steps to implement medium of instruction for engineering studies in Malayalam (regional language) in addition to English language. This has already been implemented in Punjabi, Oriya and Assamese languages in India. He also said that the equivalent word in Malayalam for the each and every technical word has already been made available by the Kerala Bhasha Institute, Thiruvananthapuram. Dr. L. N. Singh, Head, Dept of Physics, Dr. B A Technological University, said that the teaching learning process in regional languages is a good step to implement and that it would benefit the student community who are not well versed in English.
- b) Dr. Paulose Jacob, Dean R&D, RSET had a suggestion regarding fund utilization in research projects.
- c) Rev. Dr. Varghese Panthalookaran suggested providing more opportunities for research scholars to improve their research aptitude. He also reiterated the need to find funding from third parties, through consultancy and collaboration with industries, which will help in overcoming the financial implications of R&D.
- d) Adv. Kurian George Kannanthanam, member of RSET Governing Body and legal advisor, expressed his opinion on implementing a marginal tuition fee hike as RSET has got autonomous status but is not getting any grant from either the state or central government. He pointed out that a huge amount of money is required to maintain the modern-day standards of an engineering college. Rev. Dr. Jaison Paul Mulerickal, Vice Principal RSET, also supported this opinion. The Director, Rev. Dr. Jose Kuriadath responded to this suggestion by pointing out that as per the agreement with the Govt of Kerala, we have to follow the current fee structure for at least two years (up to 2022-2023).

The meeting came to an end by 1.00 PM with the vote of thanks by Rev.Dr. Joel George Pullolil CMI, Assistant Director, RSET.

**Prof. Dr. P. S. Sreejith**  
Principal & Secretary



**Rev. Fr. Benny Nalkara CMI, Provincial**  
Chairman