



Smitha N <smithanesara81@gmail.com>

Fwd: EPICS Project Funds Transfer

1 message

Wed, May 25, 2022 at 3:08 AM

rajini vh <rajinivh@gmail.com>
To: smitha nesara <smithanesara81@gmail.com>

----- Forwarded message -----

From: Dr. Abhishek Appaji <abhishek.appaji.m@ieee.org>
Date: Wed, 25 May, 2022, 2:04 PM
Subject: Re: EPICS Project Funds Transfer
To: Ashley F Moran <a.f.moran@ieee.org>, rajini vh <rajinivh@gmail.com>
Cc: P Deepa Shenoy <shenoypd1@gmail.com>

Dear Dr. Rajini,
We have received 300USD (Rs.22,788.00) from IEEE Bangalore Section. Please confirm if we can transfer to the student bank account details below.

- IEEE RNSITSB
- 8574101051758
- CNRB0008574

Thanks & Regards,
Dr. Abhishek Appaji,
Treasurer,
IEEE Bangalore Section

On Tue, Apr 12, 2022 at 7:08 PM Ashley F Moran <a.f.moran@ieee.org> wrote:
Dear Abhishek,

I am following up to my email below, are you ok with managing the funds for another project? If so I will begin the transfer process.

Project Title: Manim - An Animation library
Project Amount: \$300.00 = 22,788/-

Applicant info:
Dr Rajini V Honnungar
RNSIT
rajinivh@gmail.com
08971194617

Thanks!

Ashley

On Tue, Apr 5, 2022 at 11:01 AM Ashley F Moran <a.f.moran@ieee.org> wrote:
Thank you Abhishek!

There was also another project in your section from RNSIT that we were hoping you could manage as well. If you agree, I will transfer those funds as well.

Project Title: Manim - An Animation library
Project Amount: \$300.00

Applicant info:
Dr Rajini V Honnungar
RNSIT
rajinivh@gmail.com
08971194617

Thanks!

Ashley

On Tue, Apr 5, 2022 at 9:44 AM Dr. Abhishek Appaji <abhishek.appaji.m@ieee.org> wrote:

Dear Ashley,
Thanks for the email. Once we receive the funds to the section we will keep you posted + also to the Project lead once they approach us.

Thanks & Regards,
Dr. Abhishek Appaji,
Treasurer,
IEEE Bangalore Section



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಟ ಯುಟಿ ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

'ಜ್ಞಾನ ಸಂಗಮ', ಬೆಳಗಾವಿ - ೫೯೦ ೦೧೮ ಕರ್ನಾಟಕ ರಾಜ್ಯ

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)

"Jnana Sangama", Belagavi-590 018, Karnataka State, India

Prof. A. S. Deshpande B.E., M.Tech., Ph.D.

Phone : (0831) 2498100

REGISTRAR

Fax : (0831) 2405467

Ref: VTU/BGM/Aca/A-12/ VTU RGS /DIS -EEE/2021-22/ 6066/14

Date : 12 MAR 2022

To,
The Principal,
Jyothy Institute Of Technology, Bengaluru

Sub: Grants for Research Proposal for the year 2021-22

Ref.: 1. VTU/Aca./2021-22/ PS/2019-20/9707, dated 18-3-2020.

2. Hon'ble Vice-Chancellor's approval dt:11-02-2022.

At the outset please accept our congratulations and greetings.

We are pleased to inform you that, the grant of Rs. 10.00 Lakhs (Rupees Ten Lakh only) is being sanctioned for the research proposal entitled as "Fiber Bragg Grating Sensor and AI / ML Based Optical Health Decision Support System for Diagnosis of Vital Healthcare parameters for Hospitalized Patients..." submitted by Dr.Chethana K (PI), Dr.K Chandrashekhara (CoI-1) and Dr. Rajini V Honnugar (CoI-2) under VTU Research Grants Scheme -2021.

The expenditure of the sanctioned amount needs to be planned as under.

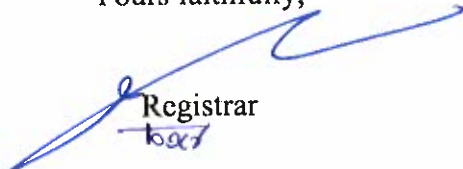
Expenditure Particulars		First Year (Rs. in Lakhs)	Second Year (Rs. in Lakhs)	Total (Rs. in Lakhs)
Non - Recurring	Fellowship for Research Scholar	1.20	1.20	2.40
	Equipments/Software/Instruments (Purchase of Desktops/Laptops are not Permitted)	6.00	0.00	6.00
Recurring	Consumables (Glass wares/Chemicals)	0.75	0.35	1.10
	Others (Expenditure towards/ testing / consultancy / publications of research work in terms IPR Registrations (not for paper publications in journals) / TA-DA to present a paper in conferences or workshop or symposia in India .	0.25	0.25	0.50
Total (Rs. in Lakhs)		8.20	1.80	10.00
VTU Contribution (75% of the Sanctioned Amount) This amount will be released after receiving the acceptance letter and compliance of Point Number 10,11 &12 mentioned in "Terms and Conditions"		6.15	1.35	7.50
Institution Contribution (25% of the Sanctioned Amount) Please Refer Point number 10,11 &12 in the "Terms and Conditions" and comply accordingly		2.05	0.45	2.50

Applicable Terms and Conditions:

1. The grant will be released in the name of the Principal of the Institute and Principal Investigator of the project.
2. The grant shall be utilized for the purpose for which it has been sanctioned.
3. The research activities of the sanctioned projects will be evaluated at the end of each year by committee constituted by VTU. Also, the LIC team of VTU may review the progress.
4. Change in heads of expenditure mentioned in the table on the previous page is not permitted.
5. The grantee institute has to abide by the guidelines of VTU Research Grant Scheme.
6. VTU reserves all the rights to change/modify rules/guidelines in this regard.
7. The Principal of the institute shall submit year wise Utilization Certificate (UC) and in the prescribed format and Audit Report (Duly signed by CA) to the undersigned. The subsequent grant will be released only after submission of UC for the grant released earlier along with details of expenditure and satisfactory work progress report.
8. The project will last for two years from the day that the Grantee Institute receives the amount of first Installment.
9. Any correspondence by the Investigators to the Registrar of VTU shall be routed through the Principal of the Grantee Institute
10. VTU shall release the amount of first installment, after an exclusive Joint Bank Account for the sanctioned project is opened and remitted the Institute share of 25% of the First Year Installment as mentioned in the above table and same shall be intimated to VTU by submitting copy of account statement.
11. The exclusive Bank Account must be Join Account in the name of Principal of the Institute and Principal Investigator with the title of the project mentioned as purpose.
12. Grantee Institute shall submit account details in the *mandate form (enclosed)* along with duly signed *acceptance letter (Format Enclosed)*. These are required for issuing the order and release of fund from our end.

Thanking you,

Yours faithfully,


Registrar
10/07

Encl:

- 1) Format of Mandate Form
- 2) Format of Acceptance letter



All India Council for Technical Education

(A Statutory body under Ministry of HRD, Govt. of India)

Nelson Mandela Marg, Vasant Kunj, New Delhi-
110070 Website: www.aicte-india.org

AICTE Training and Learning (ATAL) Academy, (Online FDP)



F. No. 2-23/AICTE/ATAL-HQ/2021-22/ 1884

Date: 16th July, 2021

To

The Principal,
R N S Institute of Technology
Dr Vishnuvardhan Road,
Channasandra,
BENGALURU - 560098

Dr. Rajim V
ECE
MK

Sub: Release of a sum of Rs. 93,000/- for AICTE Training and Learning (ATAL) Academy Online FDP.

Sir,

This is to convey the sanction of the Council for payment of Rs. 93,000 /- (Rupees Ninety -Three Thousand Only) for conducting of online AICTE Training and Learning (ATAL) Academy FDP (PHOTONICS) to R N S INSTITUTE OF TECHNOLOGY, BENGALURU, under AICTE Training And Learning (ATAL) Academy.

This fund is being released in conformity with the terms & conditions as well as norms of the scheme as already communicated, and also being communicated in this letter.

The instructions/guidelines to be followed by University/Institution

I. Release of funds and maintenance of accounts

- The University/College/Institute shall maintain proper accounts of the expenditure out of the grants, which shall be utilized only on approved items of expenditure.
- The cost for conducting per programme will be Rs. 93,000/- as per detail given as under:

1.	Honorarium to Coordinator	Rs. 10,000/-
2.	Honorarium for Computer Operator	Rs. 2,000/-
3.	Honorarium for experts (Rs.5000 per session for total 14 session)	Rs. 70,000/-
4.	Provision for payment to Lab Attendant	Rs. 1,000/-
5.	Miscellaneous charges (petty expenses not covered above)	Rs. 10,000/-
	TOTAL	Rs. 93,000/-

Programmes having permission to change amounts under different heads with overall ceiling of Rs. 0.93 lakh being intact.

- The grant is subject to the adjustment on the basis of Utilization Certificate in the prescribed proforma to be submitted by the University/College/Institution. Further, the accounts of the institute will be open for test check by the Council or Controller & Auditor General of India or any other officer designated by them.

II. Disbursement of funds to institutions

The full amount of the grant sanctioned will be released as an advance to the University/Institute through electronic transfer on the account of the University/Institute after submission of mandate form

III. Conduct of test and issuance of certificate

- A test shall be conducted by coordinator at the end of the program.
- The certificates shall be issued to those participants who have been approved by the coordinator, attended the program with minimum 80% of attendance and scored minimum 60% marks in the test.

P. Sahasrabudhe
Regional Officer

South Western Regional Office

All India Council for Technical Education,
Bangalore-9.

P.T.O.....

			//YBLda11172aa4054cbba229f7b4fa3bd9f4/0 7/11/2021 08:03:56			
07-Nov-2021 18:32:58	07-Nov-2021		NEFT Cr-HDFC0000001-ASHUTHOSH S KODADUR-RNSIT-N311211705020784	136	79,590.00	1,26,93,009.64
07-Nov-2021 19:32:16	07-Nov-2021		NEFT Cr-SBIN0009031-Mr AJAY PRASAD GUPTA-RNSIT-SBIN421311785368	136	1,00,000.00	1,27,93,009.64
07-Nov-2021 20:01:42	07-Nov-2021		NEFT Cr-HDFC0000001-BIMLA GUPTA-RNSIT-N311211705051264	136	1,23,640.00	1,29,16,649.64
08-Nov-2021 08:59:09	08-Nov-2021	000000749895	By Clg:CHN ACCT SEC-STATE BANK OF INDIA (SBI), VTU	1760	20,000.00	1,29,36,649.64
08-Nov-2021 08:59:14	08-Nov-2021	000000446913	By Clg:CHN ACCT SEC-KARNATAKA BANK LTD.(KBL), SOWBHAGYA	1760	96,296.00	1,30,32,945.64
08-Nov-2021 08:59:14	08-Nov-2021	000000032594	By Clg:CHN ACCT SEC-UNION BANK OF INDIA (UBI), SHIVAPPA	1760	2,00,000.00	1,32,32,945.64
08-Nov-2021 08:59:15	08-Nov-2021	000000000930	By Clg:CHN ACCT SEC-ICICI BANK LTD., THARA BG	1760	2,40,000.00	1,34,72,945.64
08-Nov-2021 08:59:22	08-Nov-2021	000000807560	By Clg:CHN ACCT SEC-STATE BANK OF INDIA (SBI), RASHMI S	1760	3,30,000.00	1,38,02,945.64
08-Nov-2021 08:59:22	08-Nov-2021	000000366370	By Clg:CHN ACCT SEC-STATE BANK OF INDIA (SBI), CHANDRASHEKAR KN	1760	1,60,000.00	1,39,62,945.64
08-Nov-2021 08:59:24	08-Nov-2021	000000010892	By Clg:CHN ACCT SEC-KARNATAKA STATE CO-OP APEX BANK LTD(AXB), 758	1760	2,30,000.00	1,41,92,945.64
08-Nov-2021 10:44:55	08-Nov-2021	131210753216	UPI/CR/131210753216/ARUN KUMA/SBIN/**41459@oksbi/UPI/SBI28c7db 7fd7b4449fbd9d5ce7cebcd2d6/08/11/2021 10:44:55	33	50.00	1,41,92,995.64
08-Nov-2021 11:13:05	08-Nov-2021	000000000000	Cash Deposit7121 BLR RNS IT	8574	80,120.00	1,42,73,115.64
08-Nov-2021 12:55:59	08-Nov-2021	000000634601	Funds Transfer Debit 2698101002079 - SATHISH K S	8574	1,25,000.00	1,43,98,115.64
08-Nov-2021 13:23:02	08-Nov-2021	131238965078	UPI/CR/131238965078/YASHWANTH/UBIN/ **89819@ybl/Payment //YBL41598688d7bf447595522454719e5411 /08/11/2021 13:23:02	33	50,000.00	1,44,48,115.64
08-Nov-2021 13:24:03	08-Nov-2021	000000580260	Funds Transfer Debit 2643101005495 - RAJANNA H N	8574	40,040.00	1,44,88,155.64
08-Nov-2021 13:27:37	08-Nov-2021	000000000000	Cash Deposit7136 BLR RNS IT	8574	2,356.00	1,44,90,511.64
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08-Nov-2021 13:37:28	08-Nov-2021	000000000000	Funds Transfer Debit 8574101058210 - ABISHEK A S	8574	96,296.00	1,46,83,233.64
08-Nov-2021 13:39:42	08-Nov-2021	000000000000	Cash Deposit7138 BLR RNS IT	8574	10,060.00	1,46,93,293.64
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08-Nov-2021 14:22:28	08-Nov-2021	131219264620	UPI/CR/131219264620/RAGHAVEND/CNRB /**sgudi@okaxis/UPI//AX1a3de41c04e06456 e878d9ded0ab7a9cb/08/11/2021 14:22:28	33	80,055.00	1,48,59,498.64
08-Nov-2021 14:45:03	08-Nov-2021	000000660891	Funds Transfer Debit 8574101056987 - IRANNA SANGAPUR	8574	55,000.00	1,49,14,498.64
08-Nov-2021 14:45:47	08-Nov-2021	000000000000	Cash Deposit7143 BLR RNS IT	8574	90,120.00	1,50,04,618.64
08-Nov-2021 14:51:36	08-Nov-2021	000000000000	Funds Transfer Debit 8574101057074 - GURUPRASAD	8574	93,500.00	1,50,98,118.64
08-Nov-2021 14:52:13	08-Nov-2021	000000000000	Cash Deposit7144 BLR RNS IT	8574	2,40,310.00	1,53,38,428.64
08-Nov-2021 15:07:10	08-Nov-2021	000000000000	Cash Deposit K APPI REDDY GUNTUR SME	2492	83,750.00	1,54,22,178.64
08-Nov-2021 15:13:06	08-Nov-2021		NEFT Cr-BARB0GULBAR-SHRINIVAS V BORALKAR-RNSIT-BARB221312560461	136	1,00,000.00	1,55,22,178.64
08-Nov-2021 15:16:53	08-Nov-2021	000000763638	NEFT Dr-P312210136871458-COLLEGE DUNIA WEB PVT LTD-HDFC0000553-BLR	8574	44,237.00	1,54,77,941.64



RNSIT (FY 2021-2022)
Dr. Vishnuvardhana Road Post,
Channasandra, RR Nagar,
Bengaluru, 560098

Bank Receipt 21-22 Voucher

No. : **BNKRCPT/01801/21-22**

Dated : **8-Nov-2021**

Particulars	Amount
Account : CCUBE - 2021	20,000.00
Through : Canara Sb No-8574101050101	
On Account of : FINANCE ASSISTANCE FOR 3RD INTERNATIONAL CONFERENCE (CCUBE 2021) - VTU	
Bank Transaction Details: Cheque/DD 749895 8-Nov-2021 20,000.00	
Amount (in words) : INR Twenty Thousand Only	
	₹ 20,000.00

Authorised Signatory

TRANS DATE	VALUE DATE	BRANCH	REF/CHQ.NO	DESCRIPTION	WITHDRAWS	DEPOSIT	BALANCE
				VE/BKID/**80251@YBL/ IEEE STU//YBL7A08569783A F47440C80274D05E550 AC/11/12/2021 13:05:22			
12-DEC-21	12-DEC-21	136		NEFT CR- SBIN0011182-MR VAIBHAV GUPTA- IEEE RSNIT- SBIN521346076297	0.00	1,000.00 36	496,462.00
12-DEC-21	12-DEC-21	33	134666337964	UPI/CR/134666337964/ RAVIKUMAR/KVGB/**O LOGY@OKICICI/IEEE CCU//ICIB2651484CA0 94689A440802EFCAD 6F6/12/12/2021 11:59: 35	0.00	1,000.00 37	497,462.00
13-DEC-21	13-DEC-21	136		NEFT CR- BARB0NARODA-KIRIT LAVJIBHAI MAKWANA- IEEE RNSIT- BARBU21347096872	0.00	1,000.00 38	498,462.00
14-DEC-21	14-DEC-21	8574	000000000000	PY3LINK213485065- FUND TRANSFER CHARGES	200.00	0.00	498,262.00
14-DEC-21	14-DEC-21	8574	000000000000	PY3LINK213485065 USD 60 @ 75.67 ALI OZOKSUZKAYA BLR RNS IT	0.00	4,540.00 14(P2)	502,802.00
14-DEC-21	14-DEC-21	8574	000000000000	PY3LINK213485065- GST CHARGES	36.00	0.00	502,766.00
14-DEC-21	14-DEC-21	8574	000000000000	PY3LINK213485065- GST CHARGES	45.00	0.00	502,721.00
16-DEC-21	16-DEC-21	136		NEFT CR- HDFC0000001-ASHOK KUMAR R-IEEE RNSIT- N350211755167780	0.00	800.00 39	503,521.00
17-DEC-21	17-DEC-21	136		NEFT CR- HDFC0000001- PABITRA PRIYADARSHINI JENA- IEEE RNSIT- N351211756329185	0.00	400.00 33(P1)	503,921.00
17-DEC-21	17-DEC-21	33	135107504216	UPI/CR/135107504216/ YASHAS D R/KARB/**99440@YBL/ CCUBE 20//YBL37F4CCE5B250 4E02A10D5D7F201185 DA/17/12/2021 16:08:19	0.00	1,000.00 40	504,921.00
18-DEC-21	18-DEC-21	33	135253536372	UPI/CR/135253536372/ TOTASHRI /KARB/**23578@YBL/P AYMENT /YBL778756212A20477 B8F2A7B35502601E0/1 8/12/2021 15:58:21	0.00	400.00 33(P2)	505,321.00
20-DEC-21	20-DEC-21	8574	000000000000	FUNDS TRANSFER DEBITFOR SPONSORSHIP 8574111000021 - VIJAYA KAMATH M	0.00	25,000.00 44	530,321.00
20-DEC-21	20-DEC-21	33	135414228050	UPI/CR/135414228050/ MANU Y/BARB/**73219@YBL/ PAYMENT /YBL0924100589A64D D9A07649DAED290414 /20/12/2021 11:17:13	0.00	800.00 41	531,121.00
20-DEC-21	20-DEC-21	33	135438007517	UPI/CR/135438007517/ MANU	0.00	1,000.00 42	532,121.00

STATEMENT OF ACCOUNT

CANARA BANK
Account Branch
12 21 10 58 37 AM
IFSC
MICR

8574-BANGALORE R N S INSTITUTE OF TECHNOLOGY 560061
CNRB00008574
560015166

DATE: 08-

Account No
Product Name
Customer ID
Customer Name
Address

8574101051758
CANARA SB GENERAL
43221299
Messrs IEEE RNSIT
RNSIT CAMPUS CHANNASANDRA
SUBRAMANYA PURA POST UTTARAHALLY
BANGALORE
BANGALORE
KARNATAKA
IN
560010
857400004472
Kempamma
IEEE RNSIT

Nominee Reference num:
Nominee Name
Account Title
Joint Holder's/Authorised:
Person's Name

Period:
Name Currency:

01-12-2021 To 08-12-2021
INDIAN RUPEES

TRANS DATE	VALUE DATE	BRANCH	REF/CHQ.NO	DESCRIPTION	WITHDRAWS	DEPOSIT	BALANCE
01-DEC-21	01-DEC-21	0		B/F ...	0.00	421,522.00	421,522.00
01-DEC-21	01-DEC-21	33	133422445820	INET-IMPS- CR/MIYANIPIYU/AXB /916010076262507/SUB MISSION/9722320750/3 0/11/2021 22.32.52	0.00	7,500.00 26	429,022.00
03-DEC-21	03-DEC-21	33	133633126412	UPI/CR/133633126412/ BHAVANISH/CNRB/**H ARSH@YBL/PAYMENT //YBL69C8E2AA353440 21ABB820571C1E27B4/ 02/12/2021 23:25:58	0.00	4,500.00 27	433,522.00
04-DEC-21	04-DEC-21	33	133849412738	UPI/CR/133849412738/ VINOD K G/SBIN/**91271@YBL/ PAPER ID//YBL5EE6081DC670 4338ABF15B164999A3 98/04/12/2021 10:26:06	0.00	4,500.00 28	438,022.00
06-DEC-21	06-DEC-21	136		NEFT CR- HDFC0000240- CAREERLABS TECHNOLOGIES PVT LTD-IEEE RNSIT- N340211739384718	0.00	25,000.00 43	463,022.00
07-DEC-21	07-DEC-21	8574	000000000000	T08FISP213415001-FX GST	45.00	0.00	462,977.00
07-DEC-21	07-DEC-21	8574	000000000000	T08FISP213415001- FUND TRANSFER CHARGES	50.00	0.00	462,927.00
07-DEC-21	07-DEC-21	8574	000000000000	T08FISP213415001 USD 150 @ 74.95 /GE94BG000000016248 2072 BLR RNS IT	0.00	11,243.00 29	474,170.00
07-DEC-21	07-DEC-21	8574	000000000000	T08FISP213415001- GST CHARGES	9.00	0.00	474,161.00
07-DEC-21	07-DEC-21	136		NEFT CR- ICIC0SF0002-	0.00	5,001.00 45	479,162.00



Fwd: Congratulations on being Short-listed for FAER - McAfee Scholar Program 2022

1 message

Wed, May 25, 2022 at 9:58 PM

Dinesh Anvekar <dinesh.anvekar@gmail.com>
To: smithanesara81@gmail.com

----- Forwarded message -----

From: FAER Admin <office@faer.ac.in>
Date: Tue, Jan 11, 2022 at 1:05 PM
Subject: Congratulations on being Short-listed for FAER - McAfee Scholar Program 2022
To: <dinesh.anvekar@gmail.com>, <1M19EC157.TEJASWINIHV@gmail.com>, <principal@rmsit.ac.in>
Cc: d k subramanian <dks@faer.ac.in>

Dear Participants,

Congratulations! On behalf of FAER-McAfee Scholar Program, I wish to congratulate you and your team. Your project proposal named "P-09 Leg Aided Hole Digger for Sapling Plantation" was short listed in the first round for "FAER-McAfee Scholar Award Program 2022".

General instructions to all- Students, Faculty and Colleges

1. Give us an undertaking stating that we will not submit this project for any other contest. Provide details like address, email id and mobile no of all participating students (not one only) and faculty supervisor
2. In-case signatures are not provided please resubmit the proposal with all required signatures ,other wise proposal will be disqualified. Where your proposal is not as per format please resubmit.
1. Budget is restricted to a max of Rs 6000 /- only. Equipments, devices, travel, printing charges, honorarium etc are not allowed, use it for consumables only. We will only reimburse those expenses which are approved by President .
2. Mentors will be appointed to advice you please follow the advice of your mentor to avoid disqualification and send regular monthly project reports with videos of work
3. Please maintain both communications and timelines . this is a problem , but even during severe corona , last year and before, many maintained good communications. we appreciate your support
6. **You need to complete the project (as specified in your proposal) by May 2022 and a Final report to be submitted to FAER by 30 May 2022**
7. The Final evaluation will be done virtually.

The next course of action required from your side are :

1. Please submit a one page write up for the project. it will go to mentors.
2. You may go ahead with your work. don't wait for anything.
3. Keep in touch with mentors once that is announced. listen and act according to mentors advice. mentor is there to help you.
4. PFA the **Agreement Letter format** for your convenience, it should reach our office by **20th January 2022**

Please contact us if you need any further clarifications.

Thanking you,

Sincerely yours,

Sridhar Karra

Secretary

Foundation for Advancement of Education and Research
G5, Swiss Complex,
33, Race Course Road
Bangalore - 560001
E-mail: office@faer.ac.in



Estd : 2001

R N SHETTY TRUST

RNS INSTITUTE OF TECHNOLOGY

(AICTE Approved and VTU Affiliated)

Channasandra, Uttarahalli-Kengeri Main Road, Rajarajeshwari Nagar Post, Bengaluru - 560 098.
Ph : +91 80 28611880 / 1, Fax : +91 80 28611882, Email : principal@rnsit.ac.in www.rnsit.ac.in

Ref.No. : RNSIT / 20.22 - 20.23 / 500

Date : 11/7/22

To,
The Registrar,
Visvesvaraya Technological University,
"Jnana Sangama", Belagavi - 590 018

Subject: Financial Assistance for Innovative Projects for Final Year Students
for the AY 2021-22 - reg...

Ref: VTU/BGM/Aca/A-12/VTU-FA/2021-22/1366 Dated: 07/June/2022


With reference to the above subject, the Project Committee at RNS Institute of Technology, Bengaluru had scheduled the Project Selection Process on 9th July 2022 as below:

	Date & Timing	Department
09/07/2022 Saturday	09:30 AM - 10:00 AM	A. Electronics and Communication Engineering
	10.00 AM-10.30 AM	B. Electrical and Electronics Engineering
	10.30 AM-11:00 AM	C. Electronics and Instrumentation Engineering
	11:00 AM-11:30 AM	D. Computer Science and Engineering
	11.30 AM-12:00 PM	E. Information Science and Engineering
	12.00 AM-12:30 PM	F. Civil Engineering
	12:30 AM-01:00 PM	G. Mechanical Engineering

The Proceeding of the above project proposals along with Members details are given from page 2 to 5. We are hereby submitting the above Undergraduate Project Proposals and Documents for your kind perusal.

Thanking You


11/07/2022
Project Committee Coordinator
Dr. Suresh L
Professor & Head -ISE, RNSIT


11.7.22
Chairman-Project Committee
Dr. M K Venkatesha
Principal, RNSIT
Channasandra, Bengaluru - 560 098

Enclosures:

- 1) Affiliation notification issued by VTU for 2021-22
- 2) Non-Disclosure Form
- 3) Annexure - 1 (7 Departments)

A. Electronics and Communications Engineering: 09/July/2022 at 09:30 AM - 10:00 AM

Sl. No.	USN	Name of the Student	Project Title
1	1RN18EC167	Aditya Venkata Sheshu	Rakshak- A Secure riding helmet with embedded intelligence
	1RN18EC148	Shraddha Singh	
	1RN18EC160	Sumukha M	
	1RN18EC173	Vineeth Kumar Kori	
2	1RN18EC135	Sahana Padukone	Neonatal Intensive Care Unit
	1RN18EC164	Tejaswini R	
	1RN18EC135	Sinchana	
	1RN18EC109	Nisha Bhat	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr.M K Venkatesha, Principal, RNSIT
Member	Dr.Vipula Singh, Professor & Head, Dept.of ECE, RNSIT
Subject Experts – Members	Dr. S V Uma, Professor, Dept. of ECE, RNSIT
	Dr. Archana R Kulkarni, Associate Professor, Dept. of ECE, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
Committee Coordinator	Dr.Suresh L, Professor & Head, Dept. of ISE, RNSIT

B. Electrical and Electronics Engineering: 09/July/2022 at 10.00 AM-10.30 AM

Sl. No.	USN	Name of the Student	Project Title
1	1RN18EE030	Raghav Ambashta	Color Sorting Machine
	1RN18EE035	Shalu Priyamvada	
	1RN18EE006	Anubhav Ayushman	
	1RN18EE008	Atulya Modi	
2	1RN18EE011	Darshan G	GSM Based Energy Meter Billing Along with Load Control
	1RN18EE015	Gowtham P	
	1RN18EE018	K Dhanush	
	1RN18EE040	Srinivas N	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. S Sumathi, Professor & Head, Dept.of EEE, RNSIT
Subject Experts – Members	Mr. Mallikarjuna B, Assistant Professor, Dept. of EEE, RNSIT
	Dr. Sharada Prasad N, Assistant Professor, Dept. of EEE, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

C. Electronics and Instrumentation Engineering: 09/July/2022 at 10.30 AM-11:00 AM

Sl No.	USN	Name of the Student	Project Title
1	IRN18EI019	Kiran M	Fingerprint Based Access and Billing for Common Point Charging
	IRN18EI024	Nikhil D	
	IRN18EI032	Sathwik M K	
	IRN19EI400	Yeshwanth B V	
2	IRN18EI001	Abhilash M	Real Heros- Women's Safety Device
	IRN18EI003	Akshaj S M	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Andhe Pallavi, Professor & Head, Dept. of EIE, RNSIT
Subject Experts – Members	Dr. Madhura G, Assistant Professor, Dept. of EIE, RNSIT
	Mr. G N Srikanth, Associate Professor, Dept. of EIE, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

D. Computer Science and Engineering: 09/July/2022 at 11:00 AM-11:30 AM

Sl No.	USN	Name of the Student	Project Title
1	IRN18CS087	Rohit Rajesh Joshi	Restoration of Obscured Images using Machine Learning Techniques
	IRN18CS088	Rohith N	
	IRN17CS006	Aditya Krishnagiri	
	IRN18CS122	Vinay Kulkarni	
2	IRN18CS030	Bhavana T	Gesture Detecting Smart Watch for Elderly and Physically Challenged
	IRN18CS036	Devashree A	
	IRN18CS062	Muskaan Kousar D	
	IRN18CS066	Namrata Basutkar	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Kiran P, Professor & Head, Dept. of CSE, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

E. Information Science and Engineering: 09/July/2022 at 11.30 AM-12:00 PM

Sl. No.	USN	Name of the Student	Project Title
1	1RN18IS101	Shreya U H	Underwater image enhancement for improved visual perception
	1RN18IS110	Supriya A	
	1RN18IS115	Vaishnavi S M	
2	1RN14IS350	Akshata Kulkarni	Lip movement recognition and conversion to audio for blind people
	1RN18IS106	Sinchana Chandrashekar	
	1RN18IS092	Sambhrama G	
	1RN18IS090	Saloni Kumari	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT
Subject Experts – Members	Dr. Prakasha S, Associate Professor, Dept. of ISE, RNSIT
	Mrs. Kusuma S, Assistant Professor, Dept. of ISE, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

F. Civil Engineering: 09/July/2022 at 12.00 AM-12:30 PM

Sl. No.	USN	Name of the Student	Project Title
1	1RN18CV022	Muhammad Abuzar	Design of Desalination and oxygen extraction unit
	1RN18CV007	Dhanush Gowda M	
	1RN18CV015	Madhushree R	
	1RN18CV043	Vignesh P	
2	1RN19CV407	Kishore K	Recharging of phreatic zone through pervious concrete
	1RN19CV404	Deepika	
	1RN19CV402	Aruna Jyothi P	
	1RN19CV419	Vinay S	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. M T Prathap Kumar, Professor & Head, Dept. of Civil Engineering, RNSIT
Subject Experts – Members	Rumpa Sarkhel, Assistant Professor, Dept. of Civil Engineering, RNSIT
	Amulya T H M, Assistant Professor, Dept. of Civil Engineering, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

Sl. No.	USN	Name of the Student	Project Title
1	1RN19ME409	Dhanush Gowda M J	Fabrication of Electrical Bicycle using Dynamo
	1RN19ME419	Jayasimha L.	
	1RN19ME425	Madhu	
	1RN19ME409	Manoj K	
2	1RN18ME004	Abhijith C V	Design & Fabrication of Portable Oil Skimmer
	1RN18ME015	Ankush M S	
	1RN18ME021	Bharath Kumar K R	
	1RN18ME111	Suman J R	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Mukesh Patil, Professor & Head, Dept. of Mechanical Engineering, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT


Project Committee Coordinator
Dr. Suresh L
Professor & Head -ISE, RNSIT


Chairman-Project Committee
Dr. M K Venkatesha
Principal, RNSIT

The organizing team of the event Protothon congratulates all the winning teams who set the benchmark and inspired the student community with their innovative ideas.

To celebrate this moment with you all a token of appreciation is given as follows:

1. **First Prize worth: Rs. 30,000/- cash prize**
2. **Second Prize worth: Rs. 20,000/- cash prize**
3. **Third Prize worth: Rs. 10,000/- cash prize**
4. **Consolation Prizes worth: Rs. 5,000/- cash prize for each team**

It doesn't end here we are also happy to announce that we are offering all the winning teams:

- **Free Incubation at AIC-DSU Innovation Foundation for 1 year worth Rs.60000**
- **AWS Credits worth USD 5000**
- **Freshworks credits worth USD 4000**
- **Exotel credits worth Rs.6000**
- **Twilio Sendgrid credits worth USD2000**
- **Hubspot credits worth USD1000**
- **Razorpay credits worth Rs.1Lac**
- **Github Edu program,**

- **Signzy credits worth Rs.50000
(Credits are subject to clearance by
the Corporates)**

Hope to see you all at the next event conducted by us.

With Warm Regards,
Electroblitz Club,
Department of Electronics and Communication Engineering,
Dayananda Sagar University-School of Engineering.



Estd : 2001

R N SHETTY TRUST

RNS INSTITUTE OF TECHNOLOGY

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11.7.22
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	1RN18EC135	Sinchana	
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	Dr. Archana R Kulkarni, Associate Professor, Dept. of ECE, RNSIT
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	IRN18CS062	Muskaan Kousar D	
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	1RN18IS106	Sinchana Chandrashekar	
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	Mrs. Kusuma S, Assistant Professor, Dept. of ISE, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

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Sl. No.	USN	Name of the Student	Project Title
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	1RN18CV015	Madhushree R	
	1RN18CV043	Vignesh P	
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	1RN19CV404	Deepika	
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Subject Experts – Members	Rumpa Sarkhel, Assistant Professor, Dept. of Civil Engineering, RNSIT
	Amulya T H M, Assistant Professor, Dept. of Civil Engineering, RNSIT
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	1RN19ME425	Madhu	
	1RN19ME409	Manoj K	
2	1RN18ME004	Abhijith C V	Design & Fabrication of Portable Oil Skimmer
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11/07/2022
Project Committee Coordinator
Dr. Suresh L
Professor & Head -ISE, RNSIT


Chairman-Project Committee
Dr. M K Venkatesha
Principal, RNSIT

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: www.kscst.org.in || Email: spp@kscst.org.in || Tel: 080-2334 1652, 2334 8848/49/40

45th series of Student Project Programme (SPP): 2021-22

List of Student Project Proposals Approved for Sponsorship

113. R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN RS.)
815.	45S_BE_1386	STRENGTH OF MICP INORGANIC SOFT CLAY AS A COMPOSITE SOIL FOR INFRASTRUCTURE APPLICATIONS	B.E.	CIVIL ENGINEERING	Ms. AMULYA T H M Mr. M T PRATHAP KUMAR	Ms. SANDHYA SHREE A Ms. DIVYASHREE S Ms. MADHUSHREE R SHET Ms. MRIDINI V PANCHAL	6,000.00
816.	45S_BE_1456	AI ENABLED SMART HEAD POSTURE CORRECTOR DEVICE	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Dr. ANDHE PALLAVI	Ms. NIMISHA KUSHAL KUMAR Mr. VARUN SHILESH Ms. KEERTHANA PATTABHIRAMAN	6,000.00

Note:

- The sanctioned amount will be credited to the college bank account by NEFT.
- The evaluation of the above projects will be conducted via online mode during May / June 2022.
- Participation in the online evaluation process is mandatory, failing which the project will be considered incomplete and will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- After completion of the projects, a softcopy of the report prepared as per the format prescribed by RESPECTIVE UNIVERSITIES shall be uploaded (PDF format in a single file only) in the GOOGLE FORMS provided on the website.
- Any corrections with respect to the names of the guide and students shall be requested at spp@kscst.org.in



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಬ ಯು ಟಿ ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

'ಜ್ಞಾನ ಸಂಗಮ', ಬೆಳಗಾವಿ - ೫೯೦ ೦೧೮ ಕರ್ನಾಟಕ ರಾಜ್ಯ

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)

"Jnana Sangama", Belagavi-590 018, Karnataka State, India

Prof. A. S. Deshpande H.E., M.Tech., Ph.D.

Phone : (0831) 2498100

REGISTRAR

Fax : (0831) 2405467

Ref: VTU/BGM/Aca/A-12/ VTU RGS /DIS -EEE/2021-22/ 6006 /19

Date : - 2 MAR 2022

To,
The Principal,
RNS Institution of Technology, Bengaluru

Sub: Grants for Research Proposal for the year 2021-22
Ref.: 1. VTU/Aca./2021-22/ PS/2019-20/9707, dated 18-3-2020.
2. Hon'ble Vice-Chancellor's approval dt:11-02-2022.

At the outset please accept our congratulations and greetings.

We are pleased to inform you that, the grant of **Rs. 10.00 Lakhs (Rupees Ten Lakh only)** is being sanctioned for the research proposal entitled as "**Manoglani Pareekshak Mental Health Prediction for Engineering Students using Physiological Signal Processing...**" submitted by **Dr.Mallikarjun H.M (PI) and Dr. Andhe Pallavi (CoI)** under **VTU Research Grants Scheme -2021.**

The expenditure of the sanctioned amount needs to be planned as under.

Expenditure Particulars		First Year (Rs. in Lakhs)	Second Year (Rs. in Lakhs)	Total (Rs. in Lakhs)
Non - Recurring	Fellowship for Research Scholar	1.44	1.44	2.88
	Equipments/Software/Instruments (Purchase of Desktops/Laptops are not Permitted)	5.50	0.00	5.50
Recurring	Consumables (Glass wares/Chemicals)	0.62	0.50	1.12
	Others (Expenditure towards/ testing / consultancy / publications of research work in terms IPR Registrations (not for paper publications in journals) / TA DA to present a paper in conferences or workshop or symposia in India .	0.25	0.25	0.50
Total (Rs. in Lakhs)		7.81	2.19	10.00
VTU Contribution (75% of the Sanctioned Amount) This amount will be released after receiving the acceptance letter and compliance of Point Number 10,11 &12 mentioned in "Terms and Conditions"		5.8575	1.6425	7.50
Institution Contribution (25% of the Sanctioned Amount) Please Refer Point number 10,11 &12 in the "Terms and Conditions" and comply accordingly		1.9525	0.5475	2.50



Estd : 2001

R N SHETTY TRUST

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The Proceeding of the above project proposals along with Members details are given from page 2 to 5. We are hereby submitting the above Undergraduate Project Proposals and Documents for your kind perusal.

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Dr. Suresh L
Professor & Head -ISE, RNSIT


11.7.22
Chairman-Project Committee
Dr. M K Venkatesha
Principal, RNSIT
Channasandra, Bengaluru - 560 098

Enclosures:

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Member	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT
Subject Experts – Members	Dr. Prakasha S, Associate Professor, Dept. of ISE, RNSIT
	Mrs. Kusuma S, Assistant Professor, Dept. of ISE, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
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Subject Experts – Members	Rumpa Sarkhel, Assistant Professor, Dept. of Civil Engineering, RNSIT
	Amulya T H M, Assistant Professor, Dept. of Civil Engineering, RNSIT
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Project Committee Coordinator
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Estd : 2001

R N SHETTY TRUST

RNS INSTITUTE OF TECHNOLOGY

(AICTE Approved and VTU Affiliated)

Channasandra, Uttarahalli-Kengeri Main Road, Rajarajeshwari Nagar Post, Bengaluru - 560 098.
Ph : +91 80 28611880 / 1, Fax : +91 80 28611882, Email : principal@rnsit.ac.in www.rnsit.ac.in

Ref.No. : RNSIT / 20.22 - 20.23 / 500

Date : 11/7/22

To,
The Registrar,
Visvesvaraya Technological University,
"Jnana Sangama", Belagavi - 590 018

Subject: Financial Assistance for Innovative Projects for Final Year Students
for the AY 2021-22 - reg...

Ref: VTU/BGM/Aca/A-12/VTU-FA/2021-22/1366 Dated: 07/June/2022


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KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: www.kscst.org.in || Email: spp@kscst.org.in || Tel: 080-2334 1652, 2334 8848/49/40

45th series of Student Project Programme (SPP): 2021-22

List of Student Project Proposals Approved for Sponsorship

113. R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROJECT REFERENCE NO.	PROJECT TITLE	COURSE	BRANCH	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN RS.)
815.	45S_BE_1386	STRENGTH OF MICP INORGANIC SOFT CLAY AS A COMPOSITE SOIL FOR INFRASTRUCTURE APPLICATIONS	B.E.	CIVIL ENGINEERING	Ms. AMULYA T H M Mr. M T PRATHAP KUMAR	Ms. SANDHYA SHREE A Ms. DIVYASHREE S Ms. MADHUSHREE R SHET Ms. MRIDINI V PANCHAL	6,000.00
816.	45S_BE_1456	AI ENABLED SMART HEAD POSTURE CORRECTOR DEVICE	B.E.	ELECTRONICS AND INSTRUMENTATION ENGINEERING	Dr. ANDHE PALLAVI	Ms. NIMISHA KUSHAL KUMAR Mr. VARUN SHILESH Ms. KEERTHANA PATTABHIRAMAN	6,000.00

Note:

- The sanctioned amount will be credited to the college bank account by NEFT.
- The evaluation of the above projects will be conducted via online mode during May / June 2022.
- Participation in the online evaluation process is mandatory, failing which the project will be considered incomplete and will be withdrawn from the list and sanctioned amount shall be returned to KSCST.
- After completion of the projects, a softcopy of the report prepared as per the format prescribed by RESPECTIVE UNIVERSITIES shall be uploaded (PDF format in a single file only) in the GOOGLE FORMS provided on the website.
- Any corrections with respect to the names of the guide and students shall be requested at spp@kscst.org.in



Estd : 2001

R N SHETTY TRUST

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Channasandra, Uttarahalli-Kengeri Main Road, Rajarajeshwari Nagar Post, Bengaluru - 560 098.
Ph : +91 80 28611880 / 1, Fax : +91 80 28611882, Email : principal@rnsit.ac.in www.rnsit.ac.in

Ref.No. : RNSIT / 20.22 - 20.23 / 500

Date : 11/7/22

To,
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	1RN18IS110	Supriya A	
	1RN18IS115	Vaishnavi S M	
2	1RN14IS350	Akshata Kulkarni	Lip movement recognition and conversion to audio for blind people
	1RN18IS106	Sinchana Chandrashekar	
	1RN18IS092	Sambhrama G	
	1RN18IS090	Saloni Kumari	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT
Subject Experts – Members	Dr. Prakasha S, Associate Professor, Dept. of ISE, RNSIT
	Mrs. Kusuma S, Assistant Professor, Dept. of ISE, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

F. Civil Engineering: 09/July/2022 at 12.00 AM-12:30 PM

Sl. No.	USN	Name of the Student	Project Title
1	1RN18CV022	Muhammad Abuzar	Design of Desalination and oxygen extraction unit
	1RN18CV007	Dhanush Gowda M	
	1RN18CV015	Madhushree R	
	1RN18CV043	Vignesh P	
2	1RN19CV407	Kishore K	Recharging of phreatic zone through pervious concrete
	1RN19CV404	Deepika	
	1RN19CV402	Aruna Jyothi P	
	1RN19CV419	Vinay S	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. M T Prathap Kumar, Professor & Head, Dept. of Civil Engineering, RNSIT
Subject Experts – Members	Rumpa Sarkhel, Assistant Professor, Dept. of Civil Engineering, RNSIT
	Amulya T H M, Assistant Professor, Dept. of Civil Engineering, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

Sl. No.	USN	Name of the Student	Project Title
1	1RN19ME409	Dhanush Gowda M J	Fabrication of Electrical Bicycle using Dynamo
	1RN19ME419	Jayasimha L.	
	1RN19ME425	Madhu	
	1RN19ME409	Manoj K	
2	1RN18ME004	Abhijith C V	Design & Fabrication of Portable Oil Skimmer
	1RN18ME015	Ankush M S	
	1RN18ME021	Bharath Kumar K R	
	1RN18ME111	Suman J R	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Mukesh Patil, Professor & Head, Dept. of Mechanical Engineering, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT


Project Committee Coordinator
Dr. Suresh L
Professor & Head -ISE, RNSIT


Chairman-Project Committee
Dr. M K Venkatesha
Principal, RNSIT



Estd : 2001

R N SHETTY TRUST

RNS INSTITUTE OF TECHNOLOGY

(AICTE Approved and VTU Affiliated)

Channasandra, Uttarahalli-Kengeri Main Road, Rajarajeshwari Nagar Post, Bengaluru - 560 098.
Ph : +91 80 28611880 / 1, Fax : +91 80 28611882, Email : principal@rnsit.ac.in www.rnsit.ac.in

Ref.No. : RNSIT / 20.22 - 20.23 / 500

Date : 11/7/22

To,
The Registrar,
Visvesvaraya Technological University,
"Jnana Sangama", Belagavi - 590 018

Subject: Financial Assistance for Innovative Projects for Final Year Students
for the AY 2021-22 - reg...

Ref: VTU/BGM/Aca/A-12/VTU-FA/2021-22/1366 Dated: 07/June/2022


With reference to the above subject, the Project Committee at RNS Institute of Technology, Bengaluru had scheduled the Project Selection Process on 9th July 2022 as below:

	Date & Timing	Department
09/07/2022 Saturday	09:30 AM - 10:00 AM	A. Electronics and Communication Engineering
	10.00 AM-10.30 AM	B. Electrical and Electronics Engineering
	10.30 AM-11:00 AM	C. Electronics and Instrumentation Engineering
	11:00 AM-11:30 AM	D. Computer Science and Engineering
	11.30 AM-12:00 PM	E. Information Science and Engineering
	12.00 AM-12:30 PM	F. Civil Engineering
	12:30 AM-01:00 PM	G. Mechanical Engineering

The Proceeding of the above project proposals along with Members details are given from page 2 to 5. We are hereby submitting the above Undergraduate Project Proposals and Documents for your kind perusal.

Thanking You


Project Committee Coordinator
Dr. Suresh L
Professor & Head -ISE, RNSIT


11.7.22
Chairman-Project Committee
Dr. M K Venkatesha
Principal, RNSIT
Channasandra, Bengaluru - 560 098

Enclosures:

- 1) Affiliation notification issued by VTU for 2021-22
- 2) Non-Disclosure Form
- 3) Annexure - 1 (7 Departments)

A. Electronics and Communications Engineering: 09/July/2022 at 09:30 AM - 10:00 AM

Sl. No.	USN	Name of the Student	Project Title
1	1RN18EC167	Aditya Venkata Sheshu	Rakshak- A Secure riding helmet with embedded intelligence
	1RN18EC148	Shraddha Singh	
	1RN18EC160	Sumukha M	
	1RN18EC173	Vineeth Kumar Kori	
2	1RN18EC135	Sahana Padukone	Neonatal Intensive Care Unit
	1RN18EC164	Tejaswini R	
	1RN18EC135	Sinchana	
	1RN18EC109	Nisha Bhat	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr.M K Venkatesha, Principal, RNSIT
Member	Dr.Vipula Singh, Professor & Head, Dept.of ECE, RNSIT
Subject Experts – Members	Dr. S V Uma, Professor, Dept. of ECE, RNSIT
	Dr. Archana R Kulkarni, Associate Professor, Dept. of ECE, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
Committee Coordinator	Dr.Suresh L, Professor & Head, Dept. of ISE, RNSIT

B. Electrical and Electronics Engineering: 09/July/2022 at 10.00 AM-10.30 AM

Sl. No.	USN	Name of the Student	Project Title
1	1RN18EE030	Raghav Ambashta	Color Sorting Machine
	1RN18EE035	Shalu Priyamvada	
	1RN18EE006	Anubhav Ayushman	
	1RN18EE008	Atulya Modi	
2	1RN18EE011	Darshan G	GSM Based Energy Meter Billing Along with Load Control
	1RN18EE015	Gowtham P	
	1RN18EE018	K Dhanush	
	1RN18EE040	Srinivas N	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. S Sumathi, Professor & Head, Dept.of EEE, RNSIT
Subject Experts – Members	Mr. Mallikarjuna B, Assistant Professor, Dept. of EEE, RNSIT
	Dr. Sharada Prasad N, Assistant Professor, Dept. of EEE, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

C. Electronics and Instrumentation Engineering: 09/July/2022 at 10.30 AM-11:00 AM

Sl No.	USN	Name of the Student	Project Title
1	IRN18EI019	Kiran M	Fingerprint Based Access and Billing for Common Point Charging
	IRN18EI024	Nikhil D	
	IRN18EI032	Sathwik M K	
	IRN19EI400	Yeshwanth B V	
2	IRN18EI001	Abhilash M	Real Heros- Women's Safety Device
	IRN18EI003	Akshaj S M	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Andhe Pallavi, Professor & Head, Dept. of EIE, RNSIT
Subject Experts – Members	Dr. Madhura G, Assistant Professor, Dept. of EIE, RNSIT
	Mr. G N Srikanth, Associate Professor, Dept. of EIE, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

D. Computer Science and Engineering: 09/July/2022 at 11:00 AM-11:30 AM

Sl No.	USN	Name of the Student	Project Title
1	IRN18CS087	Rohit Rajesh Joshi	Restoration of Obscured Images using Machine Learning Techniques
	IRN18CS088	Rohith N	
	IRN17CS006	Aditya Krishnagiri	
	IRN18CS122	Vinay Kulkarni	
2	IRN18CS030	Bhavana T	Gesture Detecting Smart Watch for Elderly and Physically Challenged
	IRN18CS036	Devashree A	
	IRN18CS062	Muskaan Kousar D	
	IRN18CS066	Namrata Basutkar	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Kiran P, Professor & Head, Dept. of CSE, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

E. Information Science and Engineering: 09/July/2022 at 11.30 AM-12:00 PM

Sl. No.	USN	Name of the Student	Project Title
1	1RN18IS101	Shreya U H	Underwater image enhancement for improved visual perception
	1RN18IS110	Supriya A	
	1RN18IS115	Vaishnavi S M	
2	1RN14IS350	Akshata Kulkarni	Lip movement recognition and conversion to audio for blind people
	1RN18IS106	Sinchana Chandrashekar	
	1RN18IS092	Sambhrama G	
	1RN18IS090	Saloni Kumari	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT
Subject Experts – Members	Dr. Prakasha S, Associate Professor, Dept. of ISE, RNSIT
	Mrs. Kusuma S, Assistant Professor, Dept. of ISE, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

F. Civil Engineering: 09/July/2022 at 12.00 AM-12:30 PM

Sl. No.	USN	Name of the Student	Project Title
1	1RN18CV022	Muhammad Abuzar	Design of Desalination and oxygen extraction unit
	1RN18CV007	Dhanush Gowda M	
	1RN18CV015	Madhushree R	
	1RN18CV043	Vignesh P	
2	1RN19CV407	Kishore K	Recharging of phreatic zone through pervious concrete
	1RN19CV404	Deepika	
	1RN19CV402	Aruna Jyothi P	
	1RN19CV419	Vinay S	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. M T Prathap Kumar, Professor & Head, Dept. of Civil Engineering, RNSIT
Subject Experts – Members	Rumpa Sarkhel, Assistant Professor, Dept. of Civil Engineering, RNSIT
	Amulya T H M, Assistant Professor, Dept. of Civil Engineering, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

Sl. No.	USN	Name of the Student	Project Title
1	1RN19ME409	Dhanush Gowda M J	Fabrication of Electrical Bicycle using Dynamo
	1RN19ME419	Jayasimha L.	
	1RN19ME425	Madhu	
	1RN19ME409	Manoj K	
2	1RN18ME004	Abhijith C V	Design & Fabrication of Portable Oil Skimmer
	1RN18ME015	Ankush M S	
	1RN18ME021	Bharath Kumar K R	
	1RN18ME111	Suman J R	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Mukesh Patil, Professor & Head, Dept. of Mechanical Engineering, RNSIT
VTU Nominee - Member	Dr. H N Narasimha Murthy, Professor, RVCE, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT


Project Committee Coordinator
Dr. Suresh L
Professor & Head -ISE, RNSIT


Chairman-Project Committee
Dr. M K Venkatesha
Principal, RNSIT



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ

("ವಿ ಬಿ ಯುಟಿ ಅಧಿನಿಯಮ ೧೯೯೪" ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

'ಜ್ಞಾನ ಸಂಗಮ', ಬೆಳಗಾವಿ - ೫೯೦ ೦೧೮ ಕರ್ನಾಟಕ ರಾಜ್ಯ

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)

"Jnana Sangama", Belagavi-590 018, Karnataka State, India

Prof. A. S. Deshpande B.E., M.Tech., Ph.D.

Phone : (0831) 2498100

REGISTRAR

Fax : (0831) 2405467

Ref: VTU/BGM/Aca/A-12/ VTU RGS/DIS -MBA/2021-22/ 5857/1

Date :

To,

18 FEB 2022

The Principal,

RNS Insritution of Technology, Bengaluru

Sub: Grants for Research Proposal for the year 2021-22

Ref.: 1. VTU/Aca./2021-22/ PS/2019-20/9707, dated 18-3-2020.

2. Hon'ble Vice-Chancellor's approval dt:11-02-2022.

At the outset please accept our congratulations and greetings.

We are pleased to inform you that, the grant of Rs. 6.00 Lakhs (Rupees Six Lakh only) is being sanctioned for the research proposal entitled as ".Entrepreneurship through Startups in Engineering Institute :Current Status, Outcomes, and Needed Impetus.." submitted Dr.Tamizharasi (PI), Dr. U Bhojanna (CoI-1) and Dr. P Archana(CoI-2) under VTU Research Grants Scheme -2021.

The expenditure of the sanctioned amount needs to be planned as under.

Expenditure Particulars		First Year (Rs. in Lakhs)	Second Year (Rs. in Lakhs)	Total (Rs. in Lakhs)
Non - Recurring	Fellowship for Research Scholar	1.20	1.20	2.40
	Equipments/Software/Instruments (Purchase of Desktops/Laptops are not Permitted)	3.00	0.00	3.00
Recurring	Consumables (Glass wares/Chemicals)	0.30	0.30	0.60
	Others (Expenditure towards/ testing / consultancy / publications of research work in terms IPR Registrations (not for paper publications in journals) / TA-DA to present a paper in conferences or workshop or symposia in India .	0.00	0.00	0.00
Total (Rs. in Lakhs)		4.50	1.50	6.00
VTU Contribution (75% of the Sanctioned Amount) This amount will be released after receiving the acceptance letter and compliance of Point Number 10,11 &12 mentioned in "Terms and Conditions"		3.375	1.125	4.50
Institution Contribution (25% of the Sanctioned Amount) Please Refer Point number 10,11 &12 in the "Terms and Conditions" and comply accordingly		1.125	0.375	1.50

Applicable Terms and Conditions:

1. The grant will be released in the name of the Principal of the Institute and Principal Investigator of the project.
2. The grant shall be utilized for the purpose for which it has been sanctioned.
3. The research activities of the sanctioned projects will be evaluated at the end of each year by committee constituted by VTU. Also, the LIC team of VTU may review the progress.
4. Change in heads of expenditure mentioned in the table on the previous page is not permitted.
5. The grantee institute has to abide by the guidelines of VTU Research Grant Scheme.
6. VTU reserves all the rights to change/modify rules/guidelines in this regard.
7. The Principal of the institute shall submit year wise Utilization Certificate (UC) and in the prescribed format and Audit Report (Duly signed by CA) to the undersigned. The subsequent grant will be released only after submission of UC for the grant released earlier along with details of expenditure and satisfactory work progress report.
8. The project will last for two years from the day that the Grantee Institute receives the amount of first Installment.
9. Any correspondence by the Investigators to the Registrar of VTU shall be routed through the Principal of the Grantee Institute
10. VTU shall release the amount of first installment, after an exclusive Joint Bank Account for the sanctioned project is opened and remitted the Institute share of 25% of the First Year Installment as mentioned in the above table and same shall be intimated to VTU by submitting copy of account statement.
11. The exclusive Bank Account must be Join Account in the name of Principal of the Institute and Principal Investigator with the title of the project mentioned as purpose.
12. Grantee Institute shall submit account details in the *mandate form (enclosed)* along with duly signed *acceptance letter (Format Enclosed)*. These are required for issuing the order and release of fund from our end.

Thanking you,

Yours faithfully,


Registrar

Encl:

- 1) Format of Mandate Form
- 2) Format of Acceptance letter



Estd : 2001

R N SHETTY TRUST RNS INSTITUTE OF TECHNOLOGY

(AICTE Approved and VTU Affiliated)

Channarayana, Uttarahalli-Kengeri Main Road, Rajarajeshwari Nagar Post, Bengaluru - 560 098.
Ph : +91 80 28611880 / 1, Fax : +91 80 28611882, Email : principal@rnsit.ac.in www.rnsit.ac.in

Ref.No. : RNSIT / 20. 20 - 20. 21 / 151

Date : 30/06/2021

To,
The Registrar,
Visvesvaraya Technological University,
"Jnana Sangama", Belagavi – 590 018

**Subject: Financial Assistance for Innovative Projects for Final Year Students
for the AY 2020-21 – reg...**

Ref: VTU/BGM/PS/2021-22/545 Dated: 06/May/2021

With reference to the above subject, the Project Committee at RNS Institute of Technology, Bengaluru had scheduled the Project Selection Process on 25th and 29th June 2021 as below:

	Date & Timing	Department
25/06/2021 Friday	11:00 a m – 12:00 p m	A. Computer Science and Engineering
	12:00 p m – 1:00 p m	B. Information Science and Engineering
	2:00 p m – 3:00 p m	C. Electronics and Instrumentation Engineering
	3:00 a m – 4:00 p m	D. Electronics and Communication Engineering
29/06/2021 Tuesday	11:00 a m – 12:00 p m	E. Electrical and Electronics Engineering
	12:00 p m – 1:00 p m	F. Civil Engineering
	2:00 p m – 3:00 p m	G. Mechanical Engineering

The proceedings of the above project proposals along with Members details are given from page 2 to page 5. We are hereby submitting the above Undergraduate Project Proposals and Documents for your kind perusal.

Thanking You


Project Committee 30/06/2021 Coordinator

Dr. Suresh L
Professor & Head – ISE, RNSIT

Dept. of Information Science & Engg.
RNS Institute of Technology

Channarayana, Bengaluru - 560 098.

- Enclosures:**
- 1) Affiliation notification issued by VTU for 2020-21.
 - 2) Annexure - I (7 Departments).
 - 3) Recordings of the Meetings held in 3 CDs.


30.6.21

Chairman – Project Committee
Dr. M K Venkatesha
Principal, RNSIT

PRINCIPAL
RNS Institute of Technology
Channarayana, Bengaluru - 560 098

A. Computer Science and Engineering: 25/Jun/2021 at 11:00 a m - 12:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	1RN17CS058	NIKITHA NARENDRA	Dobby: AI powered Personal Assistant Robot ✓
	1RN17CS057	NIKHIL L	
	1RN17CS065	POOJA A	
	1RN17CS121	AKASH B NEELGAR	
2	1RN17CS079	SAGAR V	Insight - An Application to Help Blind People ✓
	1RN17CS082	SATHYA M	
	1RN17CS086	SHASHANK ASHOK GADAVI	
	1RN17CS108	VIJETH P H	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Kiran P, Professor & Head, Dept. of CSE, RNSIT
Subject Experts – Members	Dr. Girijamma H A, Professor, Dept. of CSE, RNSIT
	Dr. Shashidhar H R, Associate Professor, Dept. of CSE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

B. Information Science and Engineering: 25/Jun/2021 at 12:00 p m - 1:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	1RN17IS001	ABHIJITH RAJ URS	Self-driving Vehicle for the Visually and Physically Challenged ✓
	1RN17IS006	ADITHYA S KAUSHIK	
	1RN17IS009	AMEY ADITYA ACHAR J	
	1RN17IS013	ANIRUDH J	
2	1RN17IS099	SUMAN R KULKARNI	Eye Movement Based PIN Authentication System ✓
	1RN17IS103	T. KISHORE	
	1RN17IS111	V HARSHITHA	
	1RN17IS115	VIBHA S NAVALE	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT
Subject Experts – Members	Dr. Prakasha S, Associate Professor, Dept. of ISE, RNSIT
	Mrs. Kusuma S, Assistant Professor, Dept. of ISE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

[Handwritten Signature]

71c *[Handwritten Signature]*
RNSIT
30-6-21

C. Electronics and Instrumentation Engineering: 25/Jun/2021 at 2:00 p m - 3:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17EI023	R PARVATHI	IoT based Solar energy management and control system ✓
	IRN17EI034	SRI GAYATHRI	
	IRN17EI036	SUJAYEENDRA H K	
	IRN17EI020	PRAGATHI.P	
2	IRN17EI021	PRAGNA N	IoT Enabled Monitoring Aid for Bronchial Asthmatic Patients ✓
	IRN17EI025	RITHIKA SHENOY	
	IRN17EI045	YUKTHA.M	
	IRN17EI023	R PARVATHI	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Andhe Pallavi, Professor & Head, Dept. of EIE, RNSIT
Subject Experts – Members	Mr. G N Srikanth, Associate Professor, Dept. of EIE, RNSIT
	Mr. P Manohar, Assistant Professor, Dept. of EIE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

D. Electronics and Communications Engineering: 25/Jun/2021 at 3:00 p m - 4:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17EC085	MRUDULA S	Portable Intensive Care Unit Equipment using IOT ✓
	IRN17EC089	NIKITHA M	
	IRN17EC138	SHASHANK R	
	IRN17EC111	PRATHA B	
2	IRN17EC006	VINAY KUMAR A	Analysis and Estimation of Milk Products using Electronic Sense Organs ✓
	IRN17EC087	VISHNU VARDHAN N	
	IRN17EC027	VINITH REDDY A	
	IRN17EC096	SANDEEP P	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Vipula Singh, Professor & Head, Dept. of ECE, RNSIT
Subject Experts – Members	Dr. S V Uma, Professor, Dept. of ECE, RNSIT
	Dr. Usha B S, Associate Professor, Dept. of ECE, RNSIT
	Dr. Archana R Kulkarni, Associate Professor, Dept. of ECE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

Dr. M K Venkatesha
30/6/21

M K Venkatesha
RNSIT
30.6.21

E. Electrical and Electronics Engineering: 29/Jun/2021 at 11:00 a m - 12:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17EE012	BRUNDA K S	Prosthetic Hand ✓
	IRN17EE002	ADARSHA S	
	IRN17EE030	RACHITHA R	
	IRN17EE013	CHANDANA B R	
2	IRN17EE020	MITHUN V GOWDA	Solar Powered Smart Irrigation System ✓
	IRN17EE014	DARSHAN KUMAR S M	
	IRN17EE007	ARUN H R	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. S Sumathi, Professor & Head, Dept. of EEE, RNSIT
Subject Experts – Members	Mr. Malikarjuna B, Assistant Professor, Dept. of EEE, RNSIT
	Ms. Rashmy Deepak, Assistant Professor, Dept. of EEE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

F. Civil Engineering: 29/Jun/2021 at 12:00 p m - 1:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17CV038	YASHWANTH GOWDA	Retrofitting of RC Beams using GFRP ✓
	IRN18CV402	CHANDRASHEKAR G	
	IRN18CV406	MANJUNATHA A G	
	IRN18CV408	PRANAV P SHETTY	
2	IRN17CV001	B S LALITH KUMAR	Experiment Analysis of Bamboo Reinforced and Steel Reinforced Beams ✓
	IRN17CV006	GOUTHAM G	
	IRN17CV010	LAKSHMIPRASAD G	
	IRN17CV014	MANUSHRIKANTH P G	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Prathap Kumar M T, Professor & Head, Dept. of Civil Engineering, RNSIT
Subject Experts – Members	Mr. Shivakumar B Patil, Assistant Professor, Dept. of Civil Engineering, RNSIT
	Ms. Sapna Devendra, Regional Manager – South Asia and South India, Alcofine Division, Ambuja Cements Ltd., Bengaluru.
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

Sumit
30/6/21

M K Venkatesha
PRINCIPAL
RNS Institute of Technology
30.6.21

G. Mechanical Engineering: 29/Jun/2021 at 2:00 p m - 3:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17ME016	BHASKAR R	Electric Tricycle for Differently Abled People
	IRN17ME040	KARTHIK BHAT	
	IRN17ME051	M SUVYAKTHA	
	IRN17ME052	MADHUSUDHAN D.	
2	IRN18ME410	JEEVAN R	Development of Hybrid Electric Two-Wheeler Vehicle
	IRN18ME417	MADAN L	
	IRN18ME420	NAVEENKUMAR C J	
	IRN18ME431	SREEDHARA N S	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. T Sreenivasan, Professor & Head, Dept. of Mechanical Engineering, RNSIT
Subject Experts – Members	Dr. T K Chandrashekar, Assistant Professor, Dept. of Mechanical Engineering, RNSIT
	Dr. Salim Firdosh, Assistant Professor, Dept. of Mechanical Engineering, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT


 Project Committee Coordinator
Dr. Suresh L
 Professor & Head – ISE, RNSIT
 Prof. & Head

Dept. of Information Science & Engg.
 RNS Institute of Technology
 Channasandra, Bengaluru - 560075


 30/6/21
 Chairman – Project Committee
Dr. M K Venkatesha
 Principal, RNSIT

PRINCIPAL
 RNS Institute of Technology
 Channasandra, Bengaluru - 560075

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: <http://www.kscst.iisc.ernet.in/spp.html> || Email: spp@kscst.iisc.ernet.in || Phone: 080-23341652, 23348840/48/49

44th Series of Student Project Programme: 2020-21

List of Student Project Proposals Approved for Sponsorship

119. R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)	Report softcopy Received
791.	44S_BE_0535	SMART MIRROR	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Mrs. SONY VENUGOPAL	Ms. BHAVANA REVADI Ms. ANKITA BHUNIA Ms. NIMISHA AGARWAL	5500.00	NO
792.	44S_BE_0536	WEARABLE BAND FOR COVID-19 PATIENTS MONITORING	INFORMATION SCIENCE AND ENGINEERING	B.E.	Mr. RAVIKUMAR S G	Ms. NITHYA V Ms. P VAISHNAVI Ms. ROSHINI V Ms. SAHANA H S	4000.00	NO
793.	44S_BE_0540	ENHANCED BRAILLE DISPLAY	ELECTRONICS AND INSTRUMENTATION ENGINEERING	B.E.	Dr. MADHURA G	Mr. KARAN S Mr. ABHAY BHARADWAJ G Mr. PRAJWAL MANOJ Mr. SIDDARAJ H M	5500.00	NO
794.	44S_BE_0542	A SMART MEDICAL BOX FOR BLIND AND OLD AGE PEOPLE USING ML AND IOT	COMPUTER SCIENCE AND ENGINEERING	B.E.	Dr. SUDHAMANI M J	Mr. KOUSHIK M S Mr. M SURYA Mr. DHANANJAYA ADIGA Mr. ADITHYA CHAKRAVARTHY M	5000.00	YES
795.	44S_BE_0546	AUTOMATED SCREENING AND HEALTH MONITORING SYSTEM	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Mr. NARENDRA KUMAR Dr. VIPULA SINGH	Mr. AVINASH H N Mr. KARTHIK A SHET Mr. T C SHREYAS Mr. KIRAN KUMAR R	5000.00	NO
796.	44S_BE_0548	NATURAL PORTABILITY COMPETENCE OF GROUND WATER UNDER THE INFLUENCE OF DIFFERENT SOIL TYPES	CIVIL ENGINEERING	B.E.	Mr. ABHILASH N R	Mr. VARUN PRASAD Mr. PRASANNA G K Mr. SAIKUMAR Mr. SUJITH CHANDRAKANTH NAIK	3000.00	YES

Note:

- Transaction details of sanctioned amount of **Rs. 28000/-** credited by **NEFT on 28 May 2021**.



Estd : 2001

R N SHETTY TRUST RNS INSTITUTE OF TECHNOLOGY

(AICTE Approved and VTU Affiliated)

Channarayana, Uttarahalli-Kengeri Main Road, Rajarajeshwari Nagar Post, Bengaluru - 560 098.
Ph : +91 80 28611880 / 1, Fax : +91 80 28611882, Email : principal@rnsit.ac.in www.rnsit.ac.in

Ref.No. : RNSIT / 20. 20 - 20. 21 / 151

Date : 30/06/2021

To,
The Registrar,
Visvesvaraya Technological University,
"Jnana Sangama", Belagavi – 590 018

**Subject: Financial Assistance for Innovative Projects for Final Year Students
for the AY 2020-21 – reg...**

Ref: VTU/BGM/PS/2021-22/545 Dated: 06/May/2021

With reference to the above subject, the Project Committee at RNS Institute of Technology, Bengaluru had scheduled the Project Selection Process on 25th and 29th June 2021 as below:

	Date & Timing	Department
25/06/2021 Friday	11:00 a m – 12:00 p m	A. Computer Science and Engineering
	12:00 p m – 1:00 p m	B. Information Science and Engineering
	2:00 p m – 3:00 p m	C. Electronics and Instrumentation Engineering
	3:00 a m – 4:00 p m	D. Electronics and Communication Engineering
29/06/2021 Tuesday	11:00 a m – 12:00 p m	E. Electrical and Electronics Engineering
	12:00 p m – 1:00 p m	F. Civil Engineering
	2:00 p m – 3:00 p m	G. Mechanical Engineering

The proceedings of the above project proposals along with Members details are given from page 2 to page 5. We are hereby submitting the above Undergraduate Project Proposals and Documents for your kind perusal.

Thanking You


Project Committee 30/06/2021 Coordinator

Dr. Suresh L
Professor & Head – ISE, RNSIT

Dept. of Information Science & Engg.
RNS Institute of Technology

Channarayana, Bengaluru - 560 098.

- Enclosures:**
- 1) Affiliation notification issued by VTU for 2020-21.
 - 2) Annexure - I (7 Departments).
 - 3) Recordings of the Meetings held in 3 CDs.


30.6.21

Chairman – Project Committee
Dr. M K Venkatesha
Principal, RNSIT

PRINCIPAL
RNS Institute of Technology
Channarayana, Bengaluru - 560 098

A. Computer Science and Engineering: 25/Jun/2021 at 11:00 a m - 12:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	1RN17CS058	NIKITHA NARENDRA	Dobby: AI powered Personal Assistant Robot ✓
	1RN17CS057	NIKHIL L	
	1RN17CS065	POOJA A	
	1RN17CS121	AKASH B NEELGAR	
2	1RN17CS079	SAGAR V	Insight - An Application to Help Blind People ✓
	1RN17CS082	SATHYA M	
	1RN17CS086	SHASHANK ASHOK GADAVI	
	1RN17CS108	VIJETH P H	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Kiran P, Professor & Head, Dept. of CSE, RNSIT
Subject Experts – Members	Dr. Girijamma H A, Professor, Dept. of CSE, RNSIT
	Dr. Shashidhar H R, Associate Professor, Dept. of CSE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

B. Information Science and Engineering: 25/Jun/2021 at 12:00 p m - 1:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	1RN17IS001	ABHIJITH RAJ URS	Self-driving Vehicle for the Visually and Physically Challenged ✓
	1RN17IS006	ADITHYA S KAUSHIK	
	1RN17IS009	AMEY ADITYA ACHAR J	
	1RN17IS013	ANIRUDH J	
2	1RN17IS099	SUMAN R KULKARNI	Eye Movement Based PIN Authentication System ✓
	1RN17IS103	T. KISHORE	
	1RN17IS111	V HARSHITHA	
	1RN17IS115	VIBHA S NAVALE	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT
Subject Experts – Members	Dr. Prakasha S, Associate Professor, Dept. of ISE, RNSIT
	Mrs. Kusuma S, Assistant Professor, Dept. of ISE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

[Handwritten Signature]

71c *[Handwritten Signature]*
RNSIT
30-6-21

C. Electronics and Instrumentation Engineering: 25/Jun/2021 at 2:00 p m - 3:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17EI023	R PARVATHI	IoT based Solar energy management and control system ✓
	IRN17EI034	SRI GAYATHRI	
	IRN17EI036	SUJAYEENDRA H K	
	IRN17EI020	PRAGATHI.P	
2	IRN17EI021	PRAGNA N	IoT Enabled Monitoring Aid for Bronchial Asthmatic Patients ✓
	IRN17EI025	RITHIKA SHENOY	
	IRN17EI045	YUKTHA.M	
	IRN17EI023	R PARVATHI	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Andhe Pallavi, Professor & Head, Dept. of EIE, RNSIT
Subject Experts – Members	Mr. G N Srikanth, Associate Professor, Dept. of EIE, RNSIT
	Mr. P Manohar, Assistant Professor, Dept. of EIE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

D. Electronics and Communications Engineering: 25/Jun/2021 at 3:00 p m - 4:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17EC085	MRUDULA S	Portable Intensive Care Unit Equipment using IOT ✓
	IRN17EC089	NIKITHA M	
	IRN17EC138	SHASHANK R	
	IRN17EC111	PRATHA B	
2	IRN17EC006	VINAY KUMAR A	Analysis and Estimation of Milk Products using Electronic Sense Organs ✓
	IRN17EC087	VISHNU VARDHAN N	
	IRN17EC027	VINITH REDDY A	
	IRN17EC096	SANDEEP P	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Vipula Singh, Professor & Head, Dept. of ECE, RNSIT
Subject Experts – Members	Dr. S V Uma, Professor, Dept. of ECE, RNSIT
	Dr. Usha B S, Associate Professor, Dept. of ECE, RNSIT
	Dr. Archana R Kulkarni, Associate Professor, Dept. of ECE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

Dr. M K Venkatesha
30/6/21

M K Venkatesha
RNSIT
30.6.21

E. Electrical and Electronics Engineering: 29/Jun/2021 at 11:00 a m - 12:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17EE012	BRUNDA K S	Prosthetic Hand ✓
	IRN17EE002	ADARSHA S	
	IRN17EE030	RACHITHA R	
	IRN17EE013	CHANDANA B R	
2	IRN17EE020	MITHUN V GOWDA	Solar Powered Smart Irrigation System ✓
	IRN17EE014	DARSHAN KUMAR S M	
	IRN17EE007	ARUN H R	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. S Sumathi, Professor & Head, Dept. of EEE, RNSIT
Subject Experts – Members	Mr. Malikarjuna B, Assistant Professor, Dept. of EEE, RNSIT
	Ms. Rashmy Deepak, Assistant Professor, Dept. of EEE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

F. Civil Engineering: 29/Jun/2021 at 12:00 p m - 1:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17CV038	YASHWANTH GOWDA	Retrofitting of RC Beams using GFRP ✓
	IRN18CV402	CHANDRASHEKAR G	
	IRN18CV406	MANJUNATHA A G	
	IRN18CV408	PRANAV P SHETTY	
2	IRN17CV001	B S LALITH KUMAR	Experiment Analysis of Bamboo Reinforced and Steel Reinforced Beams ✓
	IRN17CV006	GOUTHAM G	
	IRN17CV010	LAKSHMIPRASAD G	
	IRN17CV014	MANUSHRIKANTH P G	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Prathap Kumar M T, Professor & Head, Dept. of Civil Engineering, RNSIT
Subject Experts – Members	Mr. Shivakumar B Patil, Assistant Professor, Dept. of Civil Engineering, RNSIT
	Ms. Sapna Devendra, Regional Manager – South Asia and South India, Alcofine Division, Ambuja Cements Ltd., Bengaluru.
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

Sumit
30/6/21

MK Venkatesha
PRINCIPAL
RNS Institute of Technology
30.6.21

G. Mechanical Engineering: 29/Jun/2021 at 2:00 p m - 3:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17ME016	BHASKAR R	Electric Tricycle for Differently Abled People
	IRN17ME040	KARTHIK BHAT	
	IRN17ME051	M SUVYAKTHA	
	IRN17ME052	MADHUSUDHAN D.	
2	IRN18ME410	JEEVAN R	Development of Hybrid Electric Two-Wheeler Vehicle
	IRN18ME417	MADAN L	
	IRN18ME420	NAVEENKUMAR C J	
	IRN18ME431	SREEDHARA N S	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. T Sreenivasan, Professor & Head, Dept. of Mechanical Engineering, RNSIT
Subject Experts – Members	Dr. T K Chandrashekar, Assistant Professor, Dept. of Mechanical Engineering, RNSIT
	Dr. Salim Firdosh, Assistant Professor, Dept. of Mechanical Engineering, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT


 Project Committee Coordinator
Dr. Suresh L
 Professor & Head – ISE, RNSIT
 Prof. & Head

Dept. of Information Science & Engg.
 RNS Institute of Technology
 Channasandra, Bengaluru - 561029


 30/6/21
 Chairman – Project Committee
Dr. M K Venkatesha
 Principal, RNSIT

PRINCIPAL
 RNS Institute of Technology
 Channasandra, Bengaluru - 561029

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44th Series of Student Project Programme: 2020-21

List of Student Project Proposals Approved for Sponsorship

119. R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)	Report softcopy Received
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792.	44S_BE_0536	WEARABLE BAND FOR COVID-19 PATIENTS MONITORING	INFORMATION SCIENCE AND ENGINEERING	B.E.	Mr. RAVIKUMAR S G	Ms. NITHYA V Ms. P VAISHNAVI Ms. ROSHINI V Ms. SAHANA H S	4000.00	NO
793.	44S_BE_0540	ENHANCED BRAILLE DISPLAY	ELECTRONICS AND INSTRUMENTATION ENGINEERING	B.E.	Dr. MADHURA G	Mr. KARAN S Mr. ABHAY BHARADWAJ G Mr. PRAJWAL MANOJ Mr. SIDDARAJ H M	5500.00	NO
794.	44S_BE_0542	A SMART MEDICAL BOX FOR BLIND AND OLD AGE PEOPLE USING ML AND IOT	COMPUTER SCIENCE AND ENGINEERING	B.E.	Dr. SUDHAMANI M J	Mr. KOUSHIK M S Mr. M SURYA Mr. DHANANJAYA ADIGA Mr. ADITHYA CHAKRAVARTHY M	5000.00	YES
795.	44S_BE_0546	AUTOMATED SCREENING AND HEALTH MONITORING SYSTEM	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Mr. NARENDRA KUMAR Dr. VIPULA SINGH	Mr. AVINASH H N Mr. KARTHIK A SHET Mr. T C SHREYAS Mr. KIRAN KUMAR R	5000.00	NO
796.	44S_BE_0548	NATURAL PORTABILITY COMPETENCE OF GROUND WATER UNDER THE INFLUENCE OF DIFFERENT SOIL TYPES	CIVIL ENGINEERING	B.E.	Mr. ABHILASH N R	Mr. VARUN PRASAD Mr. PRASANNA G K Mr. SAIKUMAR Mr. SUJITH CHANDRAKANTH NAIK	3000.00	YES

Note:

- Transaction details of sanctioned amount of **Rs. 28000/-** credited by **NEFT on 28 May 2021**.



Estd : 2001

R N SHETTY TRUST RNS INSTITUTE OF TECHNOLOGY

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Channarayana, Uttarahalli-Kengeri Main Road, Rajarajeshwari Nagar Post, Bengaluru - 560 098.
Ph : +91 80 28611880 / 1, Fax : +91 80 28611882, Email : principal@rnsit.ac.in www.rnsit.ac.in

Ref.No. : RNSIT / 20. 20 - 20. 21 / 151

Date : 30/06/2021

To,
The Registrar,
Visvesvaraya Technological University,
"Jnana Sangama", Belagavi – 590 018

**Subject: Financial Assistance for Innovative Projects for Final Year Students
for the AY 2020-21 – reg...**

Ref: VTU/BGM/PS/2021-22/545 Dated: 06/May/2021

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	2:00 p m – 3:00 p m	C. Electronics and Instrumentation Engineering
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Thanking You


Project Committee 30/06/2021 Coordinator

Dr. Suresh L
Professor & Head – ISE, RNSIT

Dept. of Information Science & Engg.
RNS Institute of Technology

Channarayana, Bengaluru - 560 098.

- Enclosures:
- 1) Affiliation notification issued by VTU for 2020-21.
 - 2) Annexure - I (7 Departments).
 - 3) Recordings of the Meetings held in 3 CDs.


30.6.21

Chairman – Project Committee
Dr. M K Venkatesha
Principal, RNSIT

PRINCIPAL
RNS Institute of Technology
Channarayana, Bengaluru - 560 098

A. Computer Science and Engineering: 25/Jun/2021 at 11:00 a m - 12:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	1RN17CS058	NIKITHA NARENDRA	Dobby: AI powered Personal Assistant Robot ✓
	1RN17CS057	NIKHIL L	
	1RN17CS065	POOJA A	
	1RN17CS121	AKASH B NEELGAR	
2	1RN17CS079	SAGAR V	Insight - An Application to Help Blind People ✓
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	1RN17CS086	SHASHANK ASHOK GADAVI	
	1RN17CS108	VIJETH P H	

Selection Committee details:

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Member	Dr. Kiran P, Professor & Head, Dept. of CSE, RNSIT
Subject Experts – Members	Dr. Girijamma H A, Professor, Dept. of CSE, RNSIT
	Dr. Shashidhar H R, Associate Professor, Dept. of CSE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

B. Information Science and Engineering: 25/Jun/2021 at 12:00 p m - 1:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	1RN17IS001	ABHIJITH RAJ URS	Self-driving Vehicle for the Visually and Physically Challenged ✓
	1RN17IS006	ADITHYA S KAUSHIK	
	1RN17IS009	AMEY ADITYA ACHAR J	
	1RN17IS013	ANIRUDH J	
2	1RN17IS099	SUMAN R KULKARNI	Eye Movement Based PIN Authentication System ✓
	1RN17IS103	T. KISHORE	
	1RN17IS111	V HARSHITHA	
	1RN17IS115	VIBHA S NAVALE	

Selection Committee details:

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Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT
Subject Experts – Members	Dr. Prakasha S, Associate Professor, Dept. of ISE, RNSIT
	Mrs. Kusuma S, Assistant Professor, Dept. of ISE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

[Handwritten Signature]

71c *[Handwritten Signature]*
 RNSIT
 30-6-21

C. Electronics and Instrumentation Engineering: 25/Jun/2021 at 2:00 p m - 3:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17EI023	R PARVATHI	IoT based Solar energy management and control system ✓
	IRN17EI034	SRI GAYATHRI	
	IRN17EI036	SUJAYEENDRA H K	
	IRN17EI020	PRAGATHI.P	
2	IRN17EI021	PRAGNA N	IoT Enabled Monitoring Aid for Bronchial Asthmatic Patients ✓
	IRN17EI025	RITHIKA SHENOY	
	IRN17EI045	YUKTHA.M	
	IRN17EI023	R PARVATHI	

Selection Committee details:

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	Mr. P Manohar, Assistant Professor, Dept. of EIE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

D. Electronics and Communications Engineering: 25/Jun/2021 at 3:00 p m - 4:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17EC085	MRUDULA S	Portable Intensive Care Unit Equipment using IOT ✓
	IRN17EC089	NIKITHA M	
	IRN17EC138	SHASHANK R	
	IRN17EC111	PRATHA B	
2	IRN17EC006	VINAY KUMAR A	Analysis and Estimation of Milk Products using Electronic Sense Organs ✓
	IRN17EC087	VISHNU VARDHAN N	
	IRN17EC027	VINITH REDDY A	
	IRN17EC096	SANDEEP P	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Vipula Singh, Professor & Head, Dept. of ECE, RNSIT
Subject Experts – Members	Dr. S V Uma, Professor, Dept. of ECE, RNSIT
	Dr. Usha B S, Associate Professor, Dept. of ECE, RNSIT
	Dr. Archana R Kulkarni, Associate Professor, Dept. of ECE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

Dr. M K Venkatesha
30/6/21

M K Venkatesha
RNSIT
30.6.21

E. Electrical and Electronics Engineering: 29/Jun/2021 at 11:00 a m - 12:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17EE012	BRUNDA K S	Prosthetic Hand ✓
	IRN17EE002	ADARSHA S	
	IRN17EE030	RACHITHA R	
	IRN17EE013	CHANDANA B R	
2	IRN17EE020	MITHUN V GOWDA	Solar Powered Smart Irrigation System ✓
	IRN17EE014	DARSHAN KUMAR S M	
	IRN17EE007	ARUN H R	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. S Sumathi, Professor & Head, Dept. of EEE, RNSIT
Subject Experts – Members	Mr. Malikarjuna B, Assistant Professor, Dept. of EEE, RNSIT
	Ms. Rashmy Deepak, Assistant Professor, Dept. of EEE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

F. Civil Engineering: 29/Jun/2021 at 12:00 p m - 1:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17CV038	YASHWANTH GOWDA	Retrofitting of RC Beams using GFRP ✓
	IRN18CV402	CHANDRASHEKAR G	
	IRN18CV406	MANJUNATHA A G	
	IRN18CV408	PRANAV P SHETTY	
2	IRN17CV001	B S LALITH KUMAR	Experiment Analysis of Bamboo Reinforced and Steel Reinforced Beams ✓
	IRN17CV006	GOUTHAM G	
	IRN17CV010	LAKSHMIPRASAD G	
	IRN17CV014	MANUSHRIKANTH P G	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Prathap Kumar M T, Professor & Head, Dept. of Civil Engineering, RNSIT
Subject Experts – Members	Mr. Shivakumar B Patil, Assistant Professor, Dept. of Civil Engineering, RNSIT
	Ms. Sapna Devendra, Regional Manager – South Asia and South India, Alcofine Division, Ambuja Cements Ltd., Bengaluru.
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

Sumit
30/6/21

M K Venkatesha
PRINCIPAL
RNS Institute of Technology
30.6.21

G. Mechanical Engineering: 29/Jun/2021 at 2:00 p m - 3:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17ME016	BHASKAR R	Electric Tricycle for Differently Abled People
	IRN17ME040	KARTHIK BHAT	
	IRN17ME051	M SUVYAKTHA	
	IRN17ME052	MADHUSUDHAN D.	
2	IRN18ME410	JEEVAN R	Development of Hybrid Electric Two-Wheeler Vehicle
	IRN18ME417	MADAN L	
	IRN18ME420	NAVEENKUMAR C J	
	IRN18ME431	SREEDHARA N S	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. T Sreenivasan, Professor & Head, Dept. of Mechanical Engineering, RNSIT
Subject Experts – Members	Dr. T K Chandrashekar, Assistant Professor, Dept. of Mechanical Engineering, RNSIT
	Dr. Salim Firdosh, Assistant Professor, Dept. of Mechanical Engineering, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT


 Project Committee Coordinator
Dr. Suresh L
 Professor & Head – ISE, RNSIT
 Prof. & Head

Dept. of Information Science & Engg.
 RNS Institute of Technology
 Channasandra, Bengaluru - 560075


 30/6/21
 Chairman – Project Committee
Dr. M K Venkatesha
 Principal, RNSIT

PRINCIPAL
 RNS Institute of Technology
 Channasandra, Bengaluru - 560075

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: <http://www.kscst.iisc.ernet.in/spp.html> || Email: spp@kscst.iisc.ernet.in || Phone: 080-23341652, 23348840/48/49

44th Series of Student Project Programme: 2020-21

List of Student Project Proposals Approved for Sponsorship

119. R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)	Report softcopy Received
791.	44S_BE_0535	SMART MIRROR	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Mrs. SONY VENUGOPAL	Ms. BHAVANA REVADI Ms. ANKITA BHUNIA Ms. NIMISHA AGARWAL	5500.00	NO
792.	44S_BE_0536	WEARABLE BAND FOR COVID-19 PATIENTS MONITORING	INFORMATION SCIENCE AND ENGINEERING	B.E.	Mr. RAVIKUMAR S G	Ms. NITHYA V Ms. P VAISHNAVI Ms. ROSHINI V Ms. SAHANA H S	4000.00	NO
793.	44S_BE_0540	ENHANCED BRAILLE DISPLAY	ELECTRONICS AND INSTRUMENTATION ENGINEERING	B.E.	Dr. MADHURA G	Mr. KARAN S Mr. ABHAY BHARADWAJ G Mr. PRAJWAL MANOJ Mr. SIDDARAJ H M	5500.00	NO
794.	44S_BE_0542	A SMART MEDICAL BOX FOR BLIND AND OLD AGE PEOPLE USING ML AND IOT	COMPUTER SCIENCE AND ENGINEERING	B.E.	Dr. SUDHAMANI M J	Mr. KOUSHIK M S Mr. M SURYA Mr. DHANANJAYA ADIGA Mr. ADITHYA CHAKRAVARTHY M	5000.00	YES
795.	44S_BE_0546	AUTOMATED SCREENING AND HEALTH MONITORING SYSTEM	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Mr. NARENDRA KUMAR Dr. VIPULA SINGH	Mr. AVINASH H N Mr. KARTHIK A SHET Mr. T C SHREYAS Mr. KIRAN KUMAR R	5000.00	NO
796.	44S_BE_0548	NATURAL PORTABILITY COMPETENCE OF GROUND WATER UNDER THE INFLUENCE OF DIFFERENT SOIL TYPES	CIVIL ENGINEERING	B.E.	Mr. ABHILASH N R	Mr. VARUN PRASAD Mr. PRASANNA G K Mr. SAIKUMAR Mr. SUJITH CHANDRAKANTH NAIK	3000.00	YES

Note:

- Transaction details of sanctioned amount of **Rs. 28000/-** credited by **NEFT on 28 May 2021**.



ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ, ಬೆಳಗಾವಿ

(ವಿಷಯ ಅಧಿನಿಯಮ 1994ರ ಅಡಿಯಲ್ಲಿ ಕರ್ನಾಟಕ ಸರ್ಕಾರದಿಂದ ಸ್ಥಾಪಿತವಾದ ರಾಜ್ಯ ವಿಶ್ವವಿದ್ಯಾಲಯ)

Visvesvaraya Technological University

(State University of Government of Karnataka Established as per the VTU Act, 1994)

“Jnana Sangama”, Belagavi – 590 018, Karnataka, India

Prof. A.S. Deshpande B.E., M.Tech, Ph.D
REGISTRAR

Phone No: (0831)2498100

Fax: (0831)2405467

Ref:VTU/Prasaranga/BGM/2022-23/ 2673

Date: 13 AUG 2022

Sub: Review of contents of VTU Engineering Dictionary (Electronics and Communication Engineering)

Ref: E-mail dated 1st October, 2021 and subsequent communications from the Director, VTU Prasaranga.

Sir/ Madam,

VTU Prasaranga has initiated the work of preparing Engineering Dictionary in Kannada language to strengthen Engineering education in Kannada, as per the aspirations of NEP 2020. In this regard, information was circulated through VTU inviting registration from interested persons. In response, few persons had shown interest in preparation of this dictionary. Following members have contributed some work in the VTU's English-Kannada Engineering Dictionary (Electronics and Communication Engineering).

1. Dr.Nayana Hegde, School of E&CE, REVA University, Bengaluru
2. Dr. Mallikarjun H M, Electronics and Instrumentation Department, RNSIT, Bengaluru
3. Prof. Vijaykumar Sajjanar, BLDEA's V.P Dr PGHCET, Vijayapur
4. Prof. Vishwanath Muddi, PESITM, Shivamogga

A certificate of appreciation will be issued to all contributors/reviewers, once the review work is completed and consolidated dictionary is submitted to VTU Prasaranga. In view of this, we request you to review the contents meticulously and submit the corrected final version on or



Estd : 2001

R N SHETTY TRUST RNS INSTITUTE OF TECHNOLOGY

(AICTE Approved and VTU Affiliated)

Channarayana, Uttarahalli-Kengeri Main Road, Rajarajeshwari Nagar Post, Bengaluru - 560 098.
Ph : +91 80 28611880 / 1, Fax : +91 80 28611882, Email : principal@rnsit.ac.in www.rnsit.ac.in

Ref.No. : RNSIT / 20. 20 - 20. 21 / 151

Date : 30/06/2021

To,
The Registrar,
Visvesvaraya Technological University,
"Jnana Sangama", Belagavi – 590 018

**Subject: Financial Assistance for Innovative Projects for Final Year Students
for the AY 2020-21 – reg...**

Ref: VTU/BGM/PS/2021-22/545 Dated: 06/May/2021

With reference to the above subject, the Project Committee at RNS Institute of Technology, Bengaluru had scheduled the Project Selection Process on 25th and 29th June 2021 as below:

	Date & Timing	Department
25/06/2021 Friday	11:00 a m – 12:00 p m	A. Computer Science and Engineering
	12:00 p m – 1:00 p m	B. Information Science and Engineering
	2:00 p m – 3:00 p m	C. Electronics and Instrumentation Engineering
	3:00 a m – 4:00 p m	D. Electronics and Communication Engineering
29/06/2021 Tuesday	11:00 a m – 12:00 p m	E. Electrical and Electronics Engineering
	12:00 p m – 1:00 p m	F. Civil Engineering
	2:00 p m – 3:00 p m	G. Mechanical Engineering

The proceedings of the above project proposals along with Members details are given from page 2 to page 5. We are hereby submitting the above Undergraduate Project Proposals and Documents for your kind perusal.

Thanking You


Project Committee Coordinator
Dr. Suresh L
Professor & Head – ISE, RNSIT

Dept. of Information Science & Engg.
RNS Institute of Technology
Channarayana, Bengaluru - 560 098.

Enclosures:

- 1) Affiliation notification issued by VTU for 2020-21.
- 2) Annexure - I (7 Departments).
- 3) Recordings of the Meetings held in 3 CDs.


Chairman – Project Committee
Dr. M K Venkatesha
Principal, RNSIT

PRINCIPAL
RNS Institute of Technology
Channarayana, Bengaluru - 560 098

A. Computer Science and Engineering: 25/Jun/2021 at 11:00 a m - 12:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	1RN17CS058	NIKITHA NARENDRA	Dobby: AI powered Personal Assistant Robot ✓
	1RN17CS057	NIKHIL L	
	1RN17CS065	POOJA A	
	1RN17CS121	AKASH B NEELGAR	
2	1RN17CS079	SAGAR V	Insight - An Application to Help Blind People ✓
	1RN17CS082	SATHYA M	
	1RN17CS086	SHASHANK ASHOK GADAVI	
	1RN17CS108	VIJETH P H	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Kiran P, Professor & Head, Dept. of CSE, RNSIT
Subject Experts – Members	Dr. Girijamma H A, Professor, Dept. of CSE, RNSIT
	Dr. Shashidhar H R, Associate Professor, Dept. of CSE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

B. Information Science and Engineering: 25/Jun/2021 at 12:00 p m - 1:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	1RN17IS001	ABHIJITH RAJ URS	Self-driving Vehicle for the Visually and Physically Challenged ✓
	1RN17IS006	ADITHYA S KAUSHIK	
	1RN17IS009	AMEY ADITYA ACHAR J	
	1RN17IS013	ANIRUDH J	
2	1RN17IS099	SUMAN R KULKARNI	Eye Movement Based PIN Authentication System ✓
	1RN17IS103	T. KISHORE	
	1RN17IS111	V HARSHITHA	
	1RN17IS115	VIBHA S NAVALE	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT
Subject Experts – Members	Dr. Prakasha S, Associate Professor, Dept. of ISE, RNSIT
	Mrs. Kusuma S, Assistant Professor, Dept. of ISE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

[Handwritten Signature]

71c *[Handwritten Signature]*
RNSIT
30-6-21

C. Electronics and Instrumentation Engineering: 25/Jun/2021 at 2:00 p m - 3:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17EI023	R PARVATHI	IoT based Solar energy management and control system ✓
	IRN17EI034	SRI GAYATHRI	
	IRN17EI036	SUJAYEENDRA H K	
	IRN17EI020	PRAGATHI.P	
2	IRN17EI021	PRAGNA N	IoT Enabled Monitoring Aid for Bronchial Asthmatic Patients ✓
	IRN17EI025	RITHIKA SHENOY	
	IRN17EI045	YUKTHA.M	
	IRN17EI023	R PARVATHI	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Andhe Pallavi, Professor & Head, Dept. of EIE, RNSIT
Subject Experts – Members	Mr. G N Srikanth, Associate Professor, Dept. of EIE, RNSIT
	Mr. P Manohar, Assistant Professor, Dept. of EIE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

D. Electronics and Communications Engineering: 25/Jun/2021 at 3:00 p m - 4:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17EC085	MRUDULA S	Portable Intensive Care Unit Equipment using IOT ✓
	IRN17EC089	NIKITHA M	
	IRN17EC138	SHASHANK R	
	IRN17EC111	PRATHA B	
2	IRN17EC006	VINAY KUMAR A	Analysis and Estimation of Milk Products using Electronic Sense Organs ✓
	IRN17EC087	VISHNU VARDHAN N	
	IRN17EC027	VINITH REDDY A	
	IRN17EC096	SANDEEP P	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Vipula Singh, Professor & Head, Dept. of ECE, RNSIT
Subject Experts – Members	Dr. S V Uma, Professor, Dept. of ECE, RNSIT
	Dr. Usha B S, Associate Professor, Dept. of ECE, RNSIT
	Dr. Archana R Kulkarni, Associate Professor, Dept. of ECE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

Dr. M K Venkatesha
30/6/21

M K Venkatesha
RNSIT
30.6.21

E. Electrical and Electronics Engineering: 29/Jun/2021 at 11:00 a m - 12:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17EE012	BRUNDA K S	Prosthetic Hand ✓
	IRN17EE002	ADARSHA S	
	IRN17EE030	RACHITHA R	
	IRN17EE013	CHANDANA B R	
2	IRN17EE020	MITHUN V GOWDA	Solar Powered Smart Irrigation System ✓
	IRN17EE014	DARSHAN KUMAR S M	
	IRN17EE007	ARUN H R	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. S Sumathi, Professor & Head, Dept. of EEE, RNSIT
Subject Experts – Members	Mr. Malikarjuna B, Assistant Professor, Dept. of EEE, RNSIT
	Ms. Rashmy Deepak, Assistant Professor, Dept. of EEE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

F. Civil Engineering: 29/Jun/2021 at 12:00 p m - 1:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17CV038	YASHWANTH GOWDA	Retrofitting of RC Beams using GFRP ✓
	IRN18CV402	CHANDRASHEKAR G	
	IRN18CV406	MANJUNATHA A G	
	IRN18CV408	PRANAV P SHETTY	
2	IRN17CV001	B S LALITH KUMAR	Experiment Analysis of Bamboo Reinforced and Steel Reinforced Beams ✓
	IRN17CV006	GOUTHAM G	
	IRN17CV010	LAKSHMIPRASAD G	
	IRN17CV014	MANUSHRIKANTH P G	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Prathap Kumar M T, Professor & Head, Dept. of Civil Engineering, RNSIT
Subject Experts – Members	Mr. Shivakumar B Patil, Assistant Professor, Dept. of Civil Engineering, RNSIT
	Ms. Sapna Devendra, Regional Manager – South Asia and South India, Alcofine Division, Ambuja Cements Ltd., Bengaluru.
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

Sumit
30/6/21

M K Venkatesha
PRINCIPAL
RNS Institute of Technology
30.6.21

G. Mechanical Engineering: 29/Jun/2021 at 2:00 p m - 3:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17ME016	BHASKAR R	Electric Tricycle for Differently Abled People
	IRN17ME040	KARTHIK BHAT	
	IRN17ME051	M SUVYAKTHA	
	IRN17ME052	MADHUSUDHAN D.	
2	IRN18ME410	JEEVAN R	Development of Hybrid Electric Two-Wheeler Vehicle
	IRN18ME417	MADAN L	
	IRN18ME420	NAVEENKUMAR C J	
	IRN18ME431	SREEDHARA N S	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. T Sreenivasan, Professor & Head, Dept. of Mechanical Engineering, RNSIT
Subject Experts – Members	Dr. T K Chandrashekar, Assistant Professor, Dept. of Mechanical Engineering, RNSIT
	Dr. Salim Firdosh, Assistant Professor, Dept. of Mechanical Engineering, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT


 Project Committee Coordinator
Dr. Suresh L
 Professor & Head – ISE, RNSIT
 Prof. & Head

Dept. of Information Science & Engg.
 RNS Institute of Technology
 Channasandra, Bengaluru - 560075


 30/6/21
 Chairman – Project Committee
Dr. M K Venkatesha
 Principal, RNSIT

PRINCIPAL
 RNS Institute of Technology
 Channasandra, Bengaluru - 560075

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

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44th Series of Student Project Programme: 2020-21

List of Student Project Proposals Approved for Sponsorship

119. R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)	Report softcopy Received
791.	44S_BE_0535	SMART MIRROR	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Mrs. SONY VENUGOPAL	Ms. BHAVANA REVADI Ms. ANKITA BHUNIA Ms. NIMISHA AGARWAL	5500.00	NO
792.	44S_BE_0536	WEARABLE BAND FOR COVID-19 PATIENTS MONITORING	INFORMATION SCIENCE AND ENGINEERING	B.E.	Mr. RAVIKUMAR S G	Ms. NITHYA V Ms. P VAISHNAVI Ms. ROSHINI V Ms. SAHANA H S	4000.00	NO
793.	44S_BE_0540	ENHANCED BRAILLE DISPLAY	ELECTRONICS AND INSTRUMENTATION ENGINEERING	B.E.	Dr. MADHURA G	Mr. KARAN S Mr. ABHAY BHARADWAJ G Mr. PRAJWAL MANOJ Mr. SIDDARAJ H M	5500.00	NO
794.	44S_BE_0542	A SMART MEDICAL BOX FOR BLIND AND OLD AGE PEOPLE USING ML AND IOT	COMPUTER SCIENCE AND ENGINEERING	B.E.	Dr. SUDHAMANI M J	Mr. KOUSHIK M S Mr. M SURYA Mr. DHANANJAYA ADIGA Mr. ADITHYA CHAKRAVARTHY M	5000.00	YES
795.	44S_BE_0546	AUTOMATED SCREENING AND HEALTH MONITORING SYSTEM	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Mr. NARENDRA KUMAR Dr. VIPULA SINGH	Mr. AVINASH H N Mr. KARTHIK A SHET Mr. T C SHREYAS Mr. KIRAN KUMAR R	5000.00	NO
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Note:

- Transaction details of sanctioned amount of **Rs. 28000/-** credited by **NEFT on 28 May 2021**.



Estd : 2001

R N SHETTY TRUST RNS INSTITUTE OF TECHNOLOGY

(AICTE Approved and VTU Affiliated)

Channarayana, Uttarahalli-Kengeri Main Road, Rajarajeshwari Nagar Post, Bengaluru - 560 098.
Ph : +91 80 28611880 / 1, Fax : +91 80 28611882, Email : principal@rnsit.ac.in www.rnsit.ac.in

Ref.No. : RNSIT / 20. 20 - 20. 21 / 151

Date : 30/06/2021

To,
The Registrar,
Visvesvaraya Technological University,
"Jnana Sangama", Belagavi – 590 018

**Subject: Financial Assistance for Innovative Projects for Final Year Students
for the AY 2020-21 – reg...**

Ref: VTU/BGM/PS/2021-22/545 Dated: 06/May/2021

With reference to the above subject, the Project Committee at RNS Institute of Technology, Bengaluru had scheduled the Project Selection Process on 25th and 29th June 2021 as below:

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	3:00 a m – 4:00 p m	D. Electronics and Communication Engineering
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The proceedings of the above project proposals along with Members details are given from page 2 to page 5. We are hereby submitting the above Undergraduate Project Proposals and Documents for your kind perusal.

Thanking You


Project Committee Coordinator
Dr. Suresh L
Professor & Head – ISE, RNSIT

Dept. of Information Science & Engg.
RNS Institute of Technology

Channarayana, Bengaluru - 560 098.

- Enclosures:**
- 1) Affiliation notification issued by VTU for 2020-21.
 - 2) Annexure - I (7 Departments).
 - 3) Recordings of the Meetings held in 3 CDs.


Chairman – Project Committee
Dr. M K Venkatesha
Principal, RNSIT

PRINCIPAL
RNS Institute of Technology
Channarayana, Bengaluru - 560 098

A. Computer Science and Engineering: 25/Jun/2021 at 11:00 a m - 12:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	1RN17CS058	NIKITHA NARENDRA	Dobby: AI powered Personal Assistant Robot ✓
	1RN17CS057	NIKHIL L	
	1RN17CS065	POOJA A	
	1RN17CS121	AKASH B NEELGAR	
2	1RN17CS079	SAGAR V	Insight - An Application to Help Blind People ✓
	1RN17CS082	SATHYA M	
	1RN17CS086	SHASHANK ASHOK GADAVI	
	1RN17CS108	VIJETH P H	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Kiran P, Professor & Head, Dept. of CSE, RNSIT
Subject Experts – Members	Dr. Girijamma H A, Professor, Dept. of CSE, RNSIT
	Dr. Shashidhar H R, Associate Professor, Dept. of CSE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

B. Information Science and Engineering: 25/Jun/2021 at 12:00 p m - 1:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	1RN17IS001	ABHIJITH RAJ URS	Self-driving Vehicle for the Visually and Physically Challenged ✓
	1RN17IS006	ADITHYA S KAUSHIK	
	1RN17IS009	AMEY ADITYA ACHAR J	
	1RN17IS013	ANIRUDH J	
2	1RN17IS099	SUMAN R KULKARNI	Eye Movement Based PIN Authentication System ✓
	1RN17IS103	T. KISHORE	
	1RN17IS111	V HARSHITHA	
	1RN17IS115	VIBHA S NAVALE	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT
Subject Experts – Members	Dr. Prakasha S, Associate Professor, Dept. of ISE, RNSIT
	Mrs. Kusuma S, Assistant Professor, Dept. of ISE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

[Handwritten Signature]

71c *[Handwritten Signature]*
 RNSIT
 30-6-21

C. Electronics and Instrumentation Engineering: 25/Jun/2021 at 2:00 p m - 3:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17EI023	R PARVATHI	IoT based Solar energy management and control system ✓
	IRN17EI034	SRI GAYATHRI	
	IRN17EI036	SUJAYEENDRA H K	
	IRN17EI020	PRAGATHI.P	
2	IRN17EI021	PRAGNA N	IoT Enabled Monitoring Aid for Bronchial Asthmatic Patients ✓
	IRN17EI025	RITHIKA SHENOY	
	IRN17EI045	YUKTHA.M	
	IRN17EI023	R PARVATHI	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Andhe Pallavi, Professor & Head, Dept. of EIE, RNSIT
Subject Experts – Members	Mr. G N Srikanth, Associate Professor, Dept. of EIE, RNSIT
	Mr. P Manohar, Assistant Professor, Dept. of EIE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

D. Electronics and Communications Engineering: 25/Jun/2021 at 3:00 p m - 4:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17EC085	MRUDULA S	Portable Intensive Care Unit Equipment using IOT ✓
	IRN17EC089	NIKITHA M	
	IRN17EC138	SHASHANK R	
	IRN17EC111	PRATHA B	
2	IRN17EC006	VINAY KUMAR A	Analysis and Estimation of Milk Products using Electronic Sense Organs ✓
	IRN17EC087	VISHNU VARDHAN N	
	IRN17EC027	VINITH REDDY A	
	IRN17EC096	SANDEEP P	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Vipula Singh, Professor & Head, Dept. of ECE, RNSIT
Subject Experts – Members	Dr. S V Uma, Professor, Dept. of ECE, RNSIT
	Dr. Usha B S, Associate Professor, Dept. of ECE, RNSIT
	Dr. Archana R Kulkarni, Associate Professor, Dept. of ECE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

Dr. M K Venkatesha
30/6/21

M K Venkatesha
RNSIT
30.6.21

E. Electrical and Electronics Engineering: 29/Jun/2021 at 11:00 a m - 12:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17EE012	BRUNDA K S	Prosthetic Hand ✓
	IRN17EE002	ADARSHA S	
	IRN17EE030	RACHITHA R	
	IRN17EE013	CHANDANA B R	
2	IRN17EE020	MITHUN V GOWDA	Solar Powered Smart Irrigation System ✓
	IRN17EE014	DARSHAN KUMAR S M	
	IRN17EE007	ARUN H R	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. S Sumathi, Professor & Head, Dept. of EEE, RNSIT
Subject Experts – Members	Mr. Malikarjuna B, Assistant Professor, Dept. of EEE, RNSIT
	Ms. Rashmy Deepak, Assistant Professor, Dept. of EEE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

F. Civil Engineering: 29/Jun/2021 at 12:00 p m - 1:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17CV038	YASHWANTH GOWDA	Retrofitting of RC Beams using GFRP ✓
	IRN18CV402	CHANDRASHEKAR G	
	IRN18CV406	MANJUNATHA A G	
	IRN18CV408	PRANAV P SHETTY	
2	IRN17CV001	B S LALITH KUMAR	Experiment Analysis of Bamboo Reinforced and Steel Reinforced Beams ✓
	IRN17CV006	GOUTHAM G	
	IRN17CV010	LAKSHMIPRASAD G	
	IRN17CV014	MANUSHRIKANTH P G	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Prathap Kumar M T, Professor & Head, Dept. of Civil Engineering, RNSIT
Subject Experts – Members	Mr. Shivakumar B Patil, Assistant Professor, Dept. of Civil Engineering, RNSIT
	Ms. Sapna Devendra, Regional Manager – South Asia and South India, Alcofine Division, Ambuja Cements Ltd., Bengaluru.
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

Sumit
30/6/21

M K Venkatesha
PRINCIPAL
RNS Institute of Technology
30.6.21

G. Mechanical Engineering: 29/Jun/2021 at 2:00 p m - 3:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17ME016	BHASKAR R	Electric Tricycle for Differently Abled People
	IRN17ME040	KARTHIK BHAT	
	IRN17ME051	M SUVYAKTHA	
	IRN17ME052	MADHUSUDHAN D.	
2	IRN18ME410	JEEVAN R	Development of Hybrid Electric Two-Wheeler Vehicle
	IRN18ME417	MADAN L	
	IRN18ME420	NAVEENKUMAR C J	
	IRN18ME431	SREEDHARA N S	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. T Sreenivasan, Professor & Head, Dept. of Mechanical Engineering, RNSIT
Subject Experts – Members	Dr. T K Chandrashekar, Assistant Professor, Dept. of Mechanical Engineering, RNSIT
	Dr. Salim Firdosh, Assistant Professor, Dept. of Mechanical Engineering, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT


 Project Committee Coordinator
Dr. Suresh L
 Professor & Head – ISE, RNSIT
 Prof. & Head

Dept. of Information Science & Engg.
 RNS Institute of Technology
 Channasandra, Bengaluru - 561029


 30/6/21
 Chairman – Project Committee
Dr. M K Venkatesha
 Principal, RNSIT

PRINCIPAL
 RNS Institute of Technology
 Channasandra, Bengaluru - 561029

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: <http://www.kscst.iisc.ernet.in/spp.html> || Email: spp@kscst.iisc.ernet.in || Phone: 080-23341652, 23348840/48/49

44th Series of Student Project Programme: 2020-21

List of Student Project Proposals Approved for Sponsorship

119. R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)	Report softcopy Received
791.	44S_BE_0535	SMART MIRROR	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Mrs. SONY VENUGOPAL	Ms. BHAVANA REVADI Ms. ANKITA BHUNIA Ms. NIMISHA AGARWAL	5500.00	NO
792.	44S_BE_0536	WEARABLE BAND FOR COVID-19 PATIENTS MONITORING	INFORMATION SCIENCE AND ENGINEERING	B.E.	Mr. RAVIKUMAR S G	Ms. NITHYA V Ms. P VAISHNAVI Ms. ROSHINI V Ms. SAHANA H S	4000.00	NO
793.	44S_BE_0540	ENHANCED BRAILLE DISPLAY	ELECTRONICS AND INSTRUMENTATION ENGINEERING	B.E.	Dr. MADHURA G	Mr. KARAN S Mr. ABHAY BHARADWAJ G Mr. PRAJWAL MANOJ Mr. SIDDARAJ H M	5500.00	NO
794.	44S_BE_0542	A SMART MEDICAL BOX FOR BLIND AND OLD AGE PEOPLE USING ML AND IOT	COMPUTER SCIENCE AND ENGINEERING	B.E.	Dr. SUDHAMANI M J	Mr. KOUSHIK M S Mr. M SURYA Mr. DHANANJAYA ADIGA Mr. ADITHYA CHAKRAVARTHY M	5000.00	YES
795.	44S_BE_0546	AUTOMATED SCREENING AND HEALTH MONITORING SYSTEM	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Mr. NARENDRA KUMAR Dr. VIPULA SINGH	Mr. AVINASH H N Mr. KARTHIK A SHET Mr. T C SHREYAS Mr. KIRAN KUMAR R	5000.00	NO
796.	44S_BE_0548	NATURAL PORTABILITY COMPETENCE OF GROUND WATER UNDER THE INFLUENCE OF DIFFERENT SOIL TYPES	CIVIL ENGINEERING	B.E.	Mr. ABHILASH N R	Mr. VARUN PRASAD Mr. PRASANNA G K Mr. SAIKUMAR Mr. SUJITH CHANDRAKANTH NAIK	3000.00	YES

Note:

- Transaction details of sanctioned amount of **Rs. 28000/-** credited by **NEFT on 28 May 2021**.



Estd : 2001

R N SHETTY TRUST RNS INSTITUTE OF TECHNOLOGY

(AICTE Approved and VTU Affiliated)

Channarayana, Uttarahalli-Kengeri Main Road, Rajarajeshwari Nagar Post, Bengaluru - 560 098.
Ph : +91 80 28611880 / 1, Fax : +91 80 28611882, Email : principal@rnsit.ac.in www.rnsit.ac.in

Ref.No. : RNSIT / 20. 20 - 20. 21 / 151

Date : 30/06/2021

To,
The Registrar,
Visvesvaraya Technological University,
"Jnana Sangama", Belagavi – 590 018

**Subject: Financial Assistance for Innovative Projects for Final Year Students
for the AY 2020-21 – reg...**

Ref: VTU/BGM/PS/2021-22/545 Dated: 06/May/2021

With reference to the above subject, the Project Committee at RNS Institute of Technology, Bengaluru had scheduled the Project Selection Process on 25th and 29th June 2021 as below:

	Date & Timing	Department
25/06/2021 Friday	11:00 a m – 12:00 p m	A. Computer Science and Engineering
	12:00 p m – 1:00 p m	B. Information Science and Engineering
	2:00 p m – 3:00 p m	C. Electronics and Instrumentation Engineering
	3:00 a m – 4:00 p m	D. Electronics and Communication Engineering
29/06/2021 Tuesday	11:00 a m – 12:00 p m	E. Electrical and Electronics Engineering
	12:00 p m – 1:00 p m	F. Civil Engineering
	2:00 p m – 3:00 p m	G. Mechanical Engineering

The proceedings of the above project proposals along with Members details are given from page 2 to page 5. We are hereby submitting the above Undergraduate Project Proposals and Documents for your kind perusal.

Thanking You


Project Committee Coordinator
Dr. Suresh L
Professor & Head – ISE, RNSIT

Dept. of Information Science & Engg.
RNS Institute of Technology
Channarayana, Bengaluru - 560 098.

Enclosures:

- 1) Affiliation notification issued by VTU for 2020-21.
- 2) Annexure - I (7 Departments).
- 3) Recordings of the Meetings held in 3 CDs.


Chairman – Project Committee
Dr. M K Venkatesha
Principal, RNSIT

PRINCIPAL
RNS Institute of Technology
Channarayana, Bengaluru - 560 098

A. Computer Science and Engineering: 25/Jun/2021 at 11:00 a m - 12:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	1RN17CS058	NIKITHA NARENDRA	Dobby: AI powered Personal Assistant Robot ✓
	1RN17CS057	NIKHIL L	
	1RN17CS065	POOJA A	
	1RN17CS121	AKASH B NEELGAR	
2	1RN17CS079	SAGAR V	Insight - An Application to Help Blind People ✓
	1RN17CS082	SATHYA M	
	1RN17CS086	SHASHANK ASHOK GADAVI	
	1RN17CS108	VIJETH P H	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Kiran P, Professor & Head, Dept. of CSE, RNSIT
Subject Experts – Members	Dr. Girijamma H A, Professor, Dept. of CSE, RNSIT
	Dr. Shashidhar H R, Associate Professor, Dept. of CSE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

B. Information Science and Engineering: 25/Jun/2021 at 12:00 p m - 1:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	1RN17IS001	ABHIJITH RAJ URS	Self-driving Vehicle for the Visually and Physically Challenged ✓
	1RN17IS006	ADITHYA S KAUSHIK	
	1RN17IS009	AMEY ADITYA ACHAR J	
	1RN17IS013	ANIRUDH J	
2	1RN17IS099	SUMAN R KULKARNI	Eye Movement Based PIN Authentication System ✓
	1RN17IS103	T. KISHORE	
	1RN17IS111	V HARSHITHA	
	1RN17IS115	VIBHA S NAVALE	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT
Subject Experts – Members	Dr. Prakasha S, Associate Professor, Dept. of ISE, RNSIT
	Mrs. Kusuma S, Assistant Professor, Dept. of ISE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

[Handwritten Signature]

71c *[Handwritten Signature]*
 RNSIT
 30-6-21

C. Electronics and Instrumentation Engineering: 25/Jun/2021 at 2:00 p m - 3:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17EI023	R PARVATHI	IoT based Solar energy management and control system ✓
	IRN17EI034	SRI GAYATHRI	
	IRN17EI036	SUJAYEENDRA H K	
	IRN17EI020	PRAGATHI.P	
2	IRN17EI021	PRAGNA N	IoT Enabled Monitoring Aid for Bronchial Asthmatic Patients ✓
	IRN17EI025	RITHIKA SHENOY	
	IRN17EI045	YUKTHA.M	
	IRN17EI023	R PARVATHI	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Andhe Pallavi, Professor & Head, Dept. of EIE, RNSIT
Subject Experts – Members	Mr. G N Srikanth, Associate Professor, Dept. of EIE, RNSIT
	Mr. P Manohar, Assistant Professor, Dept. of EIE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

D. Electronics and Communications Engineering: 25/Jun/2021 at 3:00 p m - 4:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17EC085	MRUDULA S	Portable Intensive Care Unit Equipment using IOT ✓
	IRN17EC089	NIKITHA M	
	IRN17EC138	SHASHANK R	
	IRN17EC111	PRATHA B	
2	IRN17EC006	VINAY KUMAR A	Analysis and Estimation of Milk Products using Electronic Sense Organs ✓
	IRN17EC087	VISHNU VARDHAN N	
	IRN17EC027	VINITH REDDY A	
	IRN17EC096	SANDEEP P	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Vipula Singh, Professor & Head, Dept. of ECE, RNSIT
Subject Experts – Members	Dr. S V Uma, Professor, Dept. of ECE, RNSIT
	Dr. Usha B S, Associate Professor, Dept. of ECE, RNSIT
	Dr. Archana R Kulkarni, Associate Professor, Dept. of ECE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

Dr. M K Venkatesha
30/6/21

M K Venkatesha
RNSIT
30.6.21

E. Electrical and Electronics Engineering: 29/Jun/2021 at 11:00 a m - 12:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17EE012	BRUNDA K S	Prosthetic Hand ✓
	IRN17EE002	ADARSHA S	
	IRN17EE030	RACHITHA R	
	IRN17EE013	CHANDANA B R	
2	IRN17EE020	MITHUN V GOWDA	Solar Powered Smart Irrigation System ✓
	IRN17EE014	DARSHAN KUMAR S M	
	IRN17EE007	ARUN H R	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. S Sumathi, Professor & Head, Dept. of EEE, RNSIT
Subject Experts – Members	Mr. Malikarjuna B, Assistant Professor, Dept. of EEE, RNSIT
	Ms. Rashmy Deepak, Assistant Professor, Dept. of EEE, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

F. Civil Engineering: 29/Jun/2021 at 12:00 p m - 1:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17CV038	YASHWANTH GOWDA	Retrofitting of RC Beams using GFRP ✓
	IRN18CV402	CHANDRASHEKAR G	
	IRN18CV406	MANJUNATHA A G	
	IRN18CV408	PRANAV P SHETTY	
2	IRN17CV001	B S LALITH KUMAR	Experiment Analysis of Bamboo Reinforced and Steel Reinforced Beams ✓
	IRN17CV006	GOUTHAM G	
	IRN17CV010	LAKSHMIPRASAD G	
	IRN17CV014	MANUSHRIKANTH P G	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. Prathap Kumar M T, Professor & Head, Dept. of Civil Engineering, RNSIT
Subject Experts – Members	Mr. Shivakumar B Patil, Assistant Professor, Dept. of Civil Engineering, RNSIT
	Ms. Sapna Devendra, Regional Manager – South Asia and South India, Alcofine Division, Ambuja Cements Ltd., Bengaluru.
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT

Sumit
30/6/21

M K Venkatesha
PRINCIPAL
RNS Institute of Technology
30.6.21

G. Mechanical Engineering: 29/Jun/2021 at 2:00 p m - 3:00 p m

Sl. No.	USN	Name of the Student	Project Title
1	IRN17ME016	BHASKAR R	Electric Tricycle for Differently Abled People
	IRN17ME040	KARTHIK BHAT	
	IRN17ME051	M SUVYAKTHA	
	IRN17ME052	MADHUSUDHAN D.	
2	IRN18ME410	JEEVAN R	Development of Hybrid Electric Two-Wheeler Vehicle
	IRN18ME417	MADAN L	
	IRN18ME420	NAVEENKUMAR C J	
	IRN18ME431	SREEDHARA N S	

Selection Committee details:

Committee Member	Name, Designation and Institution
Chairman	Dr. M K Venkatesha, Principal, RNSIT
Member	Dr. T Sreenivasan, Professor & Head, Dept. of Mechanical Engineering, RNSIT
Subject Experts – Members	Dr. T K Chandrashekar, Assistant Professor, Dept. of Mechanical Engineering, RNSIT
	Dr. Salim Firdosh, Assistant Professor, Dept. of Mechanical Engineering, RNSIT
VTU Nominee - Member	Dr. Narasimha Murthy, Professor, T. John college of Engineering, Bengaluru.
Committee Coordinator	Dr. Suresh L, Professor & Head, Dept. of ISE, RNSIT


 Project Committee Coordinator
Dr. Suresh L
 Professor & Head – ISE, RNSIT
 Prof. & Head

Dept. of Information Science & Engg.
 RNS Institute of Technology
 Channarayana, Bengaluru - 560075


 30/6/21
 Chairman – Project Committee
Dr. M K Venkatesha
 Principal, RNSIT

PRINCIPAL
 RNS Institute of Technology
 Channarayana, Bengaluru - 560075

KARNATAKA STATE COUNCIL FOR SCIENCE AND TECHNOLOGY

Indian Institute of Science Campus, Bengaluru – 560 012

Website: <http://www.kscst.iisc.ernet.in/spp.html> || Email: spp@kscst.iisc.ernet.in || Phone: 080-23341652, 23348840/48/49

44th Series of Student Project Programme: 2020-21

List of Student Project Proposals Approved for Sponsorship

119. R.N.S. INSTITUTE OF TECHNOLOGY, BENGALURU

Sl. No.	PROJECT REFERENCE No.	PROJECT TITLE	BRANCH	COURSE	NAME OF THE GUIDE(S)	NAME OF THE STUDENT(S)	SANCTIONED AMOUNT (IN Rs.)	Report softcopy Received
791.	44S_BE_0535	SMART MIRROR	ELECTRICAL AND ELECTRONICS ENGINEERING	B.E.	Mrs. SONY VENUGOPAL	Ms. BHAVANA REVADI Ms. ANKITA BHUNIA Ms. NIMISHA AGARWAL	5500.00	NO
792.	44S_BE_0536	WEARABLE BAND FOR COVID-19 PATIENTS MONITORING	INFORMATION SCIENCE AND ENGINEERING	B.E.	Mr. RAVIKUMAR S G	Ms. NITHYA V Ms. P VAISHNAVI Ms. ROSHINI V Ms. SAHANA H S	4000.00	NO
793.	44S_BE_0540	ENHANCED BRAILLE DISPLAY	ELECTRONICS AND INSTRUMENTATION ENGINEERING	B.E.	Dr. MADHURA G	Mr. KARAN S Mr. ABHAY BHARADWAJ G Mr. PRAJWAL MANOJ Mr. SIDDARAJ H M	5500.00	NO
794.	44S_BE_0542	A SMART MEDICAL BOX FOR BLIND AND OLD AGE PEOPLE USING ML AND IOT	COMPUTER SCIENCE AND ENGINEERING	B.E.	Dr. SUDHAMANI M J	Mr. KOUSHIK M S Mr. M SURYA Mr. DHANANJAYA ADIGA Mr. ADITHYA CHAKRAVARTHY M	5000.00	YES
795.	44S_BE_0546	AUTOMATED SCREENING AND HEALTH MONITORING SYSTEM	ELECTRONICS AND COMMUNICATION ENGINEERING	B.E.	Mr. NARENDRA KUMAR Dr. VIPULA SINGH	Mr. AVINASH H N Mr. KARTHIK A SHET Mr. T C SHREYAS Mr. KIRAN KUMAR R	5000.00	NO
796.	44S_BE_0548	NATURAL PORTABILITY COMPETENCE OF GROUND WATER UNDER THE INFLUENCE OF DIFFERENT SOIL TYPES	CIVIL ENGINEERING	B.E.	Mr. ABHILASH N R	Mr. VARUN PRASAD Mr. PRASANNA G K Mr. SAIKUMAR Mr. SUJITH CHANDRAKANTH NAIK	3000.00	YES

Note:

- Transaction details of sanctioned amount of **Rs. 28000/-** credited by **NEFT on 28 May 2021**.

Prof. A. S. Deshpande, B.E., M.Tech., Ph.D
Registrar
Ref: VTU/TEQIP 3/2019/321

Date: 10 DEC 2019

Approval Letter

Sub: Research Proposal approved for "Competitive Research Grant" - Reg.
Ref: Hon'ble Vice Chancellor approval dated: 09.12.2019

We are pleased to inform you that, the proposal entitled "Fiber Bragg Grating Sensor Based Device for The Measurement of Angular Grip Strength." has been selected for the TEQIP Competitive Research Grant.

The details are as given below:

Investigators	Maximum amount approved (Rs.)
1. Dr. Chethana K., Associate Professor, E&CE Jyothy Institute of Technology, Bengaluru (Lead College) 2. Dr. Rajini V. Honnunar, Associate Professor, E&CE RNSIT, Bengaluru	2 Lakhs

The Investigators are informed to follow the enclosed guidelines. The Vendor format and Undertaking is to be submitted on or before 17.12.2019. Only after submission of undertaking letter the grant will be transferred to the lead Institution Principle's Account.

For any clarifications mail to teqip@vtu.ac.in

10.12.19
REGISTRAR

To,
The Principal,
Jyothy Institute of Technology, Bengaluru

- Enclosed:**
1. Guidelines
 2. Vendor Format
 3. Undertaking Format

- Copy for information to:**
1. The Secretary to Hon'ble Vice Chancellor, VTU, Belagavi.
 2. The PS to Registrar, VTU, Belagavi.
 3. The Finance Officer, VTU, Belagavi.
 4. The TEQIP Cell, VTU, Belagavi.



VISVESVARAYA TECHNOLOGICAL UNIVERSITY
ವಿಶ್ವೇಶ್ವರಯ್ಯ ತಾಂತ್ರಿಕ ವಿಶ್ವವಿದ್ಯಾಲಯ
"Jnana Sangama", Belagavi - 590 018, Karnataka State, INDIA

Phone : (0831) 2405468
Fax : (0831) 2405467
Email : registrar@vtu.ac.in
website : www.vtu.ac.in

Prof. A. S. Deshpande, B.E., M.Tech., Ph.D
Registrar
Ref: VTU/TEQIP 3/2019/ 321

Date: 10 DEC 2019

Approval Letter

Sub: Research Proposal approved for "Competitive Research Grant" – Reg.
Ref: Hon'ble Vice Chancellor approval dated: 09.12.2019

We are pleased to inform you that, the proposal entitled "A Novel Effective Cluster Algorithm against Fault Data Injection Attack in Smart Grid Using IOT" has been selected for the TEQIP Competitive Research Grant.

The details are as given below:

Investigators	Maximum amount approved (Rs.)
1. Dr. Mallikarjunaswamy S., Associate Professor, E&CE JSS Academy of Technical Education, Bengaluru (Lead College) 2. Dr. Siddesh G. K., Associate Professor, E&CE JSS Academy of Technical Education, Bengaluru 3. Prakyath D., Assistant Professor, E&EE SJB Institute of Technology, Bengaluru 4. Sharmila N., Assistant Professor, E&EE RNS Institute of Technology, Bengaluru	1.5 Lakh

The Investigators are informed to follow the enclosed guidelines. The Vendor format and Undertaking is to be submitted on or before 17.12.2019. Only after submission of undertaking letter the grant will be transferred to the lead Institution Principle's Account.

For any clarifications mail to teqip@vtu.ac.in

[Handwritten Signature]
10.12.19
REGISTRAR

To,
The Principal,
JSS Academy of Technical Education, Bengaluru.

Enclosed:

1. Guidelines
2. Vendor Format
3. Undertaking Format

Copy for information to:

1. The Secretary to Hon'ble Vice Chancellor, VTU, Belagavi.
2. The PS to Registrar, VTU, Belagavi.
3. The Finance Officer, VTU, Belagavi.
4. The TEQIP Cell, VTU, Belagavi.



Visvesvaraya Technological University
Belagavi - 590018
TEQIP CELL

Ref: VTU/TEQIP 3/2020/ 413

Date: 18/01/2020

To,

The Principal,
JSS Academy of Technical Education,
Bengaluru.

Ref: VTU/TEQIP 3/2019/321.

Subject: Advance Release for Competitive Research Grant-Reg.

On the cited Subject, Advance amount of Rs 1.5 Lakhs transferred to your bank account on 18.01.2020, please do share the Documents/ Bills as per (Guidelines for investigators) to TEQIP Cell as and when needed. Please note that, the expenses has to be settled latest by end July 2020.

For Clarifications, please Email to teqip@vtu.ac.in Contact: 7760133776.

Dr. S.L.Deshpande

TEQIP Coordinator

Cc: Investigator.

Dr.Mallikarjunaswamy.S- Associate Professor.



**Visvesvaraya Technological University
TEQIP CELL**

Utilization Certificate

1. Title of the Program: **A Novel Effective Cluster Algorithm against Fault Data Injection Attack in Smart Grid Using IOT.**
2. Teqip Grant Scheme: **Competitive research funding scheme**
3. Reference No: **VTU/TEQIP 3/2019/321.**
4. Name of the Program Coordinator/s: **Dr. Mallikarjunaswamy S, Dr Siddesh G K, Prakyath D, Sharmila N.**
5. Department: **Dept of ECE.**
6. Organization: **JSS Academy of Technical Education (Lead College), SJB Institute of Technology and RNS Institute of Technology.**

Statement of Expenditure

Sl. No.	Particulars	Expenses (Rs.)
1.	Patent Filing	25,000/-
2.	Industrial Visit to IIT, Gandhinagar, Gujarat	15,296/-
3.	Registration Fee for paper presentation at International Conference on Recent Advances on Renewable Energy (RARE-2020) Conducted on 7 th February 2020 at NITK, Surathikal.	8,000/-
4.	Registration Fee for paper presentation at International Conference on Thermo-Fluids and Renewable Energy is Scheduled DURING 26-28 November 2020. at NIT, Arunachal Pradesh. 5. Consumables	8,000/- 18,484/-
Total		74,780/-
Total Amount in words: Rupees Seventy Four Thousand Seven hundred Eighty only.		

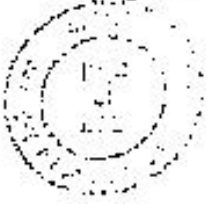
(Self Enclosed)
26/8/20

[Signature]
Program Coordinator/s
(Signature with seal)

[Signature] 26-8-20
1900
(Signature with seal)

[Signature]
Account Officer
(Signature with seal)

[Signature]
Principal
(Signature with seal)



ಅಂಶಗಳ ಮೊತ್ತವು ಒಟ್ಟು
ರೂಪಾಯಿ - 500 000.

Prepared By
K N Srikar

Subject
MOU-C0096


Date
Monday, 3rd June
2019



**Memorandum of Understanding
Between
RNS Institute of Technology, Bengaluru
And
Fiabilite Network Solutions Private Limited,
Bengaluru**

	Fiabilite Network Solutions	
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A handwritten signature in black ink, appearing to be 'K N Srikar', located below the signature line.

Prepared by K N Srikar	Subject MOU-C0096	Date Monday, 3 rd June 2019	
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Scope

This MOU is entered on the 25th of May 2019 between Fiabilite Network Solutions Private Limited (hereinafter referred to as FNSL) a reputed Services Company Headquartered at Bangalore, India.

And

RNS Institute of Technology

(Hereinafter referred to as RNSIT), a reputed Engineering College located in Bengaluru.

The aforesaid Institution will be individually referred to as Party and jointly as parties.

Objectives of the MOU

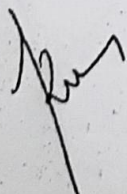
The objectives of the MOU are


- a) To support the institute in following activities
 - i) To help the students to achieve their aspiration
 - ii) To make the students aware of the latest technologies in the market
 - iii) Internship of the students
 - iv) Execution of Projects by the students
 - v) Skill development of the students in the latest Technologies
 - vi) Placement Assistance
- b) Collaborate with College on the Research Projects
- c) Training of Faculty in the latest Technologies

Technical Areas of Collaboration

- a) Provide academic interaction by delivering special lectures at RNSIT on topics of relevance to Modern Industry
- b) Organizing workshops and seminars to Engineering Students and Faculty to make them aware of the latest trends in Technologies
- c) Conducting Internships for the engineering students and evaluation.
- d) Execution of Final Year projects by the students
- e) Collaborating with the college for the research projects
- f) Training the faculty in the latest technologies
- g) Support RNSIT on creation of syllabus or updation of existing content on regular basis

	Fiabilite Network Solutions	3
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Prepared By K N Srikar	Subject MOU-C0096	Date Monday, 3 rd June 2019	
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- II. 18% GST on above- INR 677
- III. 15% Infrastructure charges- INR 564
- h) The charges for VCP and FDP will be separately discussed and mutually agreed.
- i) 100% payment to be done before the start of any program.
- j) All payments to be made for different programs will be collected by the college designated representative and then paid to FNSL.
- k) RNSIT will also facilitate students from other colleges to attend the internship program in their premises for which FNSL will pay RNSIT 10 % infrastructure charges out of the Basic Internship Facilitation Charges per student.

Confidentiality

- a) RNSIT and FNSL agree to hold in confidence all information / data designated by the institutes as confidential which is obtained from either institute or created during the performance of the MOU and will not disclose the same to any third party without written consent of the other institute.
- b) The above confidential clause under this MOU excludes the information/data possessed by either institute before entering into this MOU or independently developed and / or information already available through public domain.

Duration of MOU

This MOU shall come into effect on 25 May 2018 and shall remain in full force and effect for a period of 12 months.

This MOU, unless extended by mutual written consent of the institutes, shall expire in one year after the effective date specified in the opening paragraph, however, on review, the MOU shall be extended for another two years by mutual consent.

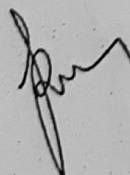
This MOU may be amended, renewed, terminated by mutual written agreement of both the parties anytime.

Either Party shall have the right to terminate this MOU upon sixty days prior notice to the other party.

Coordinators

Both Institutes will designate persons who will have responsibility for co-ordination and implementation of the agreement.

	Fiabilite Network Solutions	5
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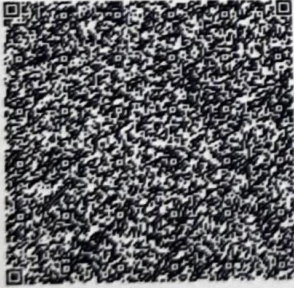


सत्यमेव जयते

INDIA NON JUDICIAL Government of Karnataka

e-Stamp

Certificate No. : IN-KA85240869286298Q
Certificate Issued Date : 25-Jun-2018 03:00 PM
Account Reference : NONACC (FI)/ kacrsf108/ VARTHUR1/ KA-BN
Unique Doc. Reference : SUBIN-KAKACRSFL0812857854705125Q
Purchased by : FIABILTE NETWORKS SOLUTIONS PRIVATE LIMITED
Description of Document : Article 37 Note or Memorandum
Description : MOU
Consideration Price (Rs.) : 0
(Zero)
First Party : FIABILTE NETWORKS SOLUTIONS PRIVATE LIMITED
Second Party : RNS INSTITUTE OF TECHNOLOGY
Stamp Duty Paid By : FIABILTE NETWORKS SOLUTIONS PRIVATE LIMITED
Stamp Duty Amount(Rs.) : 20
(Twenty only)



-----Please write or type below this line-----

Statutory Alert:

1. The authenticity of this Stamp Certificate should be verified at "www.shcilestamp.com". Any discrepancy in the details on this Certificate and as available on the website renders it invalid.
2. The onus of checking the legitimacy is on the users of the certificate.
3. In case of any discrepancy please inform the Competent Authority.



Visvesvaraya Technological University

"Jnana Sangama", Belagavi - 590 018, Karnataka, India

Phone No : (0831)2405468
Fax No : (0831) 2405467

Registrar, In charge

Ref: VTU/TEQIP/2019/ 313/ 3

Date: 14/03/2019

Approval Letter

Sub: Proposal approved for organizing the event - Reg.
Ref: VTU/TEQIP-3/2019/308

We are pleased to inform you that, the proposal submitted by your organization to VTU/TEQIP Cell has been selected for the conduction of the program.

The details are as given below:

Program Coordinator	Title of the Program	Duration of the program	Maximum Amount Approved (Rs.)	Program to be Scheduled on
Dr. Vipula Singh (Professor and HOD of CE department) Dr. Anthe Pallavi (Professor and HOD of CE department) Dr. S. Sunitha (Associate Professor of CE department)	TEQIP I-3 Sponsored 2 DAY Faculty Development Program ON "IoT Industrial Applications- Frontend And Backend Co- Design"	2 Days	1 Lakh	27 th & 28 th April 2019

The Program Coordinator is requested to follow the Guidelines enclosed for the conduction of the program.

For any clarifications mail to teqip@vtu.ac.in

REGISTRAR

To
The Principal,
RNS Institute of Technology, Bengaluru.

Enclosed:

1. Guidelines for Conduction of the Program
2. Registration Format
3. Vendor Format
4. Checklist-List of documents to be submitted after the program
5. TADA Guidelines

1. The Secretary to Vice Chancellor, VTU for information
2. The PS to Registrar, VTU for information
3. The Finance Officer, VTU for information
4. The TEQIP Cell, VTU, Belagavi.

14/3/19



Estd : 2001

R N SHETTY TRUST RNS INSTITUTE OF TECHNOLOGY

(AICTE Approved and VTU Affiliated)

Channasandra, Uttarahalli-Kengeri Main Road, Rajarajeshwari Nagar Post, Bengaluru - 560 098.

Ph : +91 80 28611880 / 1, Fax : +91 80 28611882, Email : principal@rnsit.ac.in www.rnsit.ac.in

Ref.No. : RNSIT / 20.18 - 20.19 / 2155 /

Date : 23-3-19

The Registrar
"Jnana Sangama"
VTU, Belagavi - 590 018

Sir,

Sub: VTU Financial Assistance to UG Projects for the year 2018-19

Ref: Your office Circular Ref No: VTU/BGM/Aca-OS/Gen-Cir/2018-19/10716 dt 01/12/19

We from RNSIT, are sending the consolidated list of evaluated and shortlisted UG projects across the SEVEN disciplines at RNSIT for financial assistance from VTU. We request you to sanction the financial assistance at the earliest. The details are as under:

1 Department: ECE ✓

Sl.No	Title ; Students ; Guide	Expert Panel
1	Implementation of wearable device for child and women safety	Principal: Dr. M K Venkatesha HoD: Dr. Vipula Singh
	IRN15EC010 Aishwarya V Reddy IRN15EC173 Voleti Jashmitha IRN15EC168 Varsha V Nayak IRN15EC169 Varsha V Shetty Guide: Apoorva N Hegde	
2	Image Processing based autonomous fetch Bot for garbage collection	Subject Experts/Senior Professors / Industry Expert: Dr. Uma S V Dr. Suresh D Mr. Manjunatha V Synopsys Pvt. Ltd., Bangalore
	IRN15EC137 Sanjay V Joshi IRN15EC138 Sathish R IRN15EC145 Shree Harsha IRN15EC162 Suhas T S Guide: Ganesh Yernally	

MIC Certification
23.3.19

2 Department: CSE ✓

Sl.No	Title ; Students ; Guide	Expert Panel
1	Interface To Connect NGOs And Volunteers	Principal: Dr. M K Venkatesha HoD: Dr. G T Raju Subject Experts/Senior Professors / Industry Expert: Mrs.M J Sudhamani Dr. H R Shashidhara Dr. Girijamma Mr. Shreyas Hegde Technical Analyst, British Telecom, Bengaluru
	IRN15CS013 Aishwarya S R IRN15CS025 Aparna H R IRN15CS035 Bhargavi N A IRN15CS044 Gouthami S Guide - Dr. G T Raju	
2	IoT Based Over speeding and Fog Accidents Prevention System	Mrs.M J Sudhamani Dr. H R Shashidhara Dr. Girijamma Mr. Shreyas Hegde Technical Analyst, British Telecom, Bengaluru
	IRN15CS116 Thirumanyam Vaishnavi IRN15CS117 Usha B IRN15CS120 Varshini G Bhargav Guide - Dr. G T Raju	

3 Department: ISE

Sl. No.	Title ; Students; Guide	Expert Panel
1	Design and Development of an E-Voting System using Blockchain Technique	Principal: Dr. M K Venkatesha HoD: Dr. M V Sudhamani Subject Experts/Senior Professors / Industry Expert: Mr. T S Bhagavath Singh Dr. Prakasha S Mr. Sharath Chandra Intel Technology Delivery Manager, Bengaluru
	IRN15IS064 Praveen Gowda M . S IRN15IS073 Rohan R Prabhu G IRN15IS086 Shreenidhi Bhat IRN15IS118 Vishwanatha Guide - Dr. M V Sudhamani	
2	Hand Gesture Recognition in Real Time Videos	Mr. T S Bhagavath Singh Dr. Prakasha S Mr. Sharath Chandra Intel Technology Delivery Manager, Bengaluru
	IRN15IS021 Barnita Mondal IRN15IS030 Harshini B IRN15IS034 Janhvi B Jolapara IRN15IS062 Pranitha Kumari Guide - Dr. M V Sudhamani	

MK (Signature)
23.3

4 Department: EIE

Sl. No.	Title; Students ; Guide	Expert Panel
1	<p>Astro tracking and digital image processing</p> <p>IRN15EI014 Jayaraj Parappa Japagal IRN15EI024 Mihir Athale IRN15EI045 Simran Bhamra</p> <p>Guide: Mr. P Manohar</p>	<p>Principal: Dr. M K Venkatesha</p> <p>HoD: Dr. Andhe Pallavi</p> <p>Subject Experts/Senior Professors / Industry Expert:</p> <p>Dr. T Sreenivasan Mr. Srikanth G N Mr. P Manohar</p>
2	<p>Brain attention controlled wheel chair</p> <p>IRN15EI004 Akanksha Singh S IRN15EI004 Ananya Pavan IRN15EI018 Kiran Nanaiah N G IRN16EI407Shivaprasad B K</p> <p>Guide: Dr. Mallikarjun H M</p>	

5 Department: EEE

Sl. No.	Title ; Students; Guide	Expert Panel
1	<p>Integration of solar & wind energy for dual power generation</p> <p>IRN15EE002 Abhishek Kothari IRN15EE012 Atul Raj IRN15EE028 Keerthana B R IRN15EE045 Sahana S. N</p> <p>Guide: Mrs. Kokila R</p>	<p>Principal: Dr. M K Venkatesha</p> <p>HoD: Dr. S Sumathi</p> <p>Subject Experts/Senior Professors / Industry Expert:</p> <p>Dr. Andhe Pallavi, HOD, EIE Mr. Mallikarjun. B Mrs. Dolly Rajdev Bosch Rexroth</p>
2	<p>Design of a hybrid electric three wheeler vehicle for the analysis of fuel efficiency</p> <p>IRN15EE001 ABHISHEK HEGDE IRN15EE003 ADARSH K IRN15EE031 A K MAHANTHA IRN15EE042 RAJESH N GOND</p> <p>Guide: Dr. Sharada Prasad N</p>	

MK Venkatesh
23.3.19
3/4

6 Department: ME

Sl. No.	Title ; Students ; Guide	Expert Panel
1	Design and Development of stationary vending Machine	Principal: Dr. M K Venkatesha HoD: Dr. T Sreenivasan Subject Experts/Senior Professors / Industry Expert: Dr. Basava kumar K G Dr. Andhe Pallavi Mrs. Dolly Rajdev Bosch Rexroth
	IRN15ME020 Akash N IRN15ME046 Chetan H C IRN15ME050 Darshan D V IRN15ME064 Harsha S Prakash Guide: Niranjan K	
2	Investigation of air flow and enhancement of cooling effect for different orientation of data centers using CFD	
	IRN15ME062 Hajjak Thilluck S D IRN15ME067 Kaushik Naik L IRN15ME069 Kaushik C IRN15ME092 Niranjan C Guide: Mahesh Kumar N	

7 Department: Civil

Sl. No.	Title ; Students	Expert Panel
1	Stabilization of black cotton soil using bitumen emulsion and glass powder as filler material	Principal: Dr. M K Venkatesha HoD: Dr. Prathap Kumar M T Subject Experts/Senior Professors / Industry Expert: Dr. T Sreenivasan Mr. Shiv Kumar B Patil Dr. Prem Swaroop Reddy Professor & HoD of Civil Engg. DBIT
	IRN15CV030 Nisarga M R IRN15CV060 Vishmitha V Shetty IRN15CV055 Varun Wali IRN15CV025 Manoj M J Guide: Pragnya V J	
2	Retrofitting of RC beams using textile reinforced mortar(TRM)	
	IRN15CV021 Lohith N R IRN15CV045 Siriwanth Kumar K IRN15CV018 Hrithik J IRN15CV040 Sachin Guide: Mahadeva M	

Regards.

Yours faithfully,

MK Venkatesha

(Dr. M K Venkatesha)
Principal

23.3.19

MK Venkatesha
PRINCIPAL 23.3
R N S Institute of Technology
Channasandra, Bengaluru - 560 099



R N SHETTY TRUST RNS INSTITUTE OF TECHNOLOGY

(AICTE Approved and VTU Affiliated)

Channasandra, Uttarahalli - Kengeri Main Road, Rajarajeshwari Nagar Post, Bengaluru - 560 098.
Ph. : +91 80 28611880 / 1, Fax : +91 80 28611882, Email : principal@rnsit.ac.in. www.rnsit.ac.in

Estd : 2001

Ref. No. : RNSIT / 2018 / 180

Date : 31-5-18

To,
The Registrar
"Jnana Sangama"
VTU, Belagavi - 560 098

Dear Sir,

Sub: VTU Financial Assistance to UG Projects

Ref: Your office Circular Ref No: VTU/Aca/2017-18/8702 dated Jan 18, 2018

We from RNSIT, are sending the consolidated list of evaluated and shortlisted UG projects across the SEVEN disciplines at RNSIT for financial assistance from VTU. We request you to sanction the financial assistance at the earliest. The details are as under:

Department: ECE

Sl. No.	Title ; Students	Expert Panel
1	Gesture Enabled Master Slave Robot (GEMS BOT); IRN14EC167 Varun M IRN14EC183 M Shreyas IRN14EC181 Anil Kumar Naidu IRN14EC168 Vemula Sai Naveen Guide - Mrs Smitha M N	Principal - Dr. M K Venkatesha HOD - Dr. Vipula Singh Dr. Suresh D Dr. S V Uma
2	MIMIC: Multi-sensor data fusion Inertial Measurement Integrated Capturing; Yogesh S Bellad (IRN14EC177) Yashaswini D (IRN14EC175) Shreyas J Kumar (IRN14EC139) Guide - Dr. Archana Kulkarni	Industry Expert - Mr. Srinath Bhadram National Design Business Incubator, Govt of India

Department: CSE

Sl. No.	Title ; Students	Expert Panel
1	Location Aware Audio Tour using nRF IRN14CS063 - Nithin Mathew IRN14CS066 - Pavana A IRN14CS085 - S Megha IRN14CS098 - Shubh Mehta Guide - Mrs. S K Sampada	Principal - Dr. M K Venkatesha HOD - Dr. G T Raju Dr. H A Girijamma Mrs. S K Sampada
2	Athena : DAO For Deriving Intelligence Using Machine Level Parallelism IRN14CS043 - Kishan N IRN14CS049 - Lalith Adithya Guide - Dr. G T Raju	Industry Expert - Shreyas Hegde Technical Analyst, British Telecom, Bengaluru

MK Venkatesha
31/5

Department: I S E

Sl. No.	Title ; Students	Expert Panel
1	<p>Design and Development of Sensor Based Smart Gardening System</p> <p>Students: 1. Adithya D (1RN14IS005) 2. Akarsh J D (1RN14IS009)</p> <p>Guide - Mr. T S Bhagavath Singh</p>	<p>Principal – Dr. M K Venkatesha</p> <p>HOD – Dr. M V Sudhamani</p> <p>Mr. T S Bhagavath Singh, Mrs. Hema N</p>
2	<p>Title: Detecting the Relationship Among Objects in an Image</p> <p>Students: 1. Gautham A S (1RN14IS041) 2. K Shashank (1RN14IS046) 3. Karthik Rao (1RN14IS048) 4. Chandan Kumar K N (1RN15IS404)</p> <p>Guide - Mrs. Hema N</p>	<p>Industry Expert – Mr. Shivaraju H R Senior System Engineer Research & Development Hewlett Packard Enterprise Pvt. Ltd.</p>

Department: EIE

Sl. No.	Title; Students	Expert Panel
1	<p>Personalized Gesture Interface using machine learning</p> <p>Deepika H S (1RN14EI011) Madhusudan Shah (1RN14EI018) T V Srilakshmi (1RN14EI054)</p> <p>Guide - Dr. Andhe Pallavi</p>	<p>Principal - Dr. M K Venkatesha</p> <p>HoD Dr. Andhe Pallavi</p> <p>Mr. G N Srikanth Mr. P Manohar</p>
2	<p>Card Based Anti Piracy Screening System</p> <p>Manasa R (1RN14EI020) Arun Kumar M (1RN14EI006) Dhanush S (1RN14EI012) Sowmya K(1RN14EI042)</p> <p>Guide - Mr. Chetan G</p>	<p>Industry Expert Mr. Chetan Rajdev Head Drive & Control Academy, BOSCH-REXORTH, Bangalore</p>

Department: EEE

Sl. No.	Title ; Students	Expert Panel
1	<p>Tesla Turbine</p> <p>1RN14EE007 - Anisha Ganguly 1RN14EE012 - Arshiya C 1RN14EE017 - C.K.Keerthi 1RN14EE043 - Savitha M</p> <p>Guide - Mr. Rakesh. M. N</p>	<p>Principal - Dr. M K Venkatesha</p> <p>HoD Dr.S.Sumathi</p> <p>Dr. Dinesh M. N Assoc. Prof, EEE, RVCE</p>
2	<p>Control Surface Position Indicating System</p> <p>1RN14EE027 – MD Touseeq Ahmed Shariff 1RN14EE034 – Rajath Krishna Pai J 1RN14EE029 – Naveen S 1RN14EE048 - Shreyas J</p> <p>Guide - Mr. Supriya P</p>	<p>Dr. Andhe pallavi, Dr. Sridhar</p>

M/K Venkatesha
31/3

Department: Mechanical Engineering

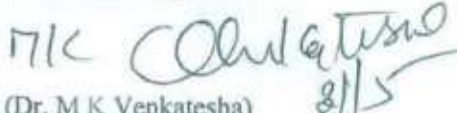
Sl. No.	Title ; Students	Expert Panel
1	<p>Rapid Liquid Chiller</p> <p>IRN15ME418 Praveen V IRN15ME431 Srinivasa K.V IRN15ME410 Madivalappa IRN13ME096 Sharan Kumar</p> <p>Guide: Rakesh R, Asst. Professor.</p>	<p>Principal - Dr M K Venkatesha</p> <p>HoD Dr T Sreenivasan</p> <p>Dr. K G Basavakumar</p>
2	<p>Numerical Study on the Heat Transfer Enhancement of Circular Tube Bank Fin Heat Exchanger with Vortex Generators</p> <p>IRN14ME138 Shubham Singh IRN14ME142 Spandana H IRN14ME162 Venkata Krishnan K IRN14ME141 Sourav Singh</p> <p>Guide: Mahesh Kumar N</p>	<p>Dr Anand Annigeri Kulkarni, HOD, JSSATE.</p> <p>Industry Expert Mr. Chetan Rajdev Head Drive & Control Academy, BOSCH-REXORTH, Bangalore</p>

Department: Civil

Sl. No.	Title ; Students	Expert Panel
1	<p>Eco Sustainable Pervious Concrete Using Titanium Dioxide</p> <p>1RN14CV005 Akshay Kumar S 1RN14CV026 Mahesh Chandra T M 1RN14CV407 Sachin A. N 1RN14CV408 Sagar B</p> <p>Guide: Dr. M T Prathap Kumar</p>	<p>Principal – Dr. M K Venkatesha</p> <p>HOD – Dr. M T Prathap Kumar</p> <p>Dr. T Sreenivasan, Prof Mech Dr. K G Basava Kumar, Prof. Mech</p>
2	<p>Performance Evaluation of BWSSB Sewage Treatment Plants in Bangalore</p> <p>1RN14CV013 Dharshan V 1RN14CV024 Lakshmi Agrahar 1RN14CV032 Nawab Jameel Imaad 1RN14CV056 Vishal Hegde</p> <p>Guide: Ms. Rumpa Sarkhel</p>	<p>External Expert – Jairaj, NMIT</p>

Regards.

Yours faithfully,


 (Dr. M K Venkatesha) 2/1/5
 Principal

PRINCIPAL
 RNS Institute of Technology,
 Channasandra, Bengaluru-560 098



Estd : 2001

R N SHETTY TRUST RNS INSTITUTE OF TECHNOLOGY

(AICTE Approved and VTU Affiliated)

Channasandra, Uttarahalli-Kengeri Main Road, Rajarajeshwari Nagar Post, Bengaluru - 560 098.

Ph : +91 80 28611880 / 1, Fax : +91 80 28611882, Email : principal@rnsit.ac.in www.rnsit.ac.in

Ref.No. : RNSIT / 20.18 - 20.19 / 2155 /

Date : 23-3-19

The Registrar
"Jnana Sangama"
VTU, Belagavi - 590 018

Sir,

Sub: VTU Financial Assistance to UG Projects for the year 2018-19

Ref: Your office Circular Ref No: VTU/BGM/Aca-OS/Gen-Cir/2018-19/10716 dt 01/12/19

We from RNSIT, are sending the consolidated list of evaluated and shortlisted UG projects across the SEVEN disciplines at RNSIT for financial assistance from VTU. We request you to sanction the financial assistance at the earliest. The details are as under:

1 Department: ECE ✓

Sl.No	Title ; Students ; Guide	Expert Panel
1	Implementation of wearable device for child and women safety	Principal: Dr. M K Venkatesha HoD: Dr. Vipula Singh
	IRN15EC010 Aishwarya V Reddy IRN15EC173 Voleti Jashmitha IRN15EC168 Varsha V Nayak IRN15EC169 Varsha V Shetty Guide: Apoorva N Hegde	
2	Image Processing based autonomous fetch Bot for garbage collection	Subject Experts/Senior Professors / Industry Expert: Dr. Uma S V Dr. Suresh D Mr. Manjunatha V Synopsys Pvt. Ltd., Bangalore
	IRN15EC137 Sanjay V Joshi IRN15EC138 Sathish R IRN15EC145 Shree Harsha IRN15EC162 Suhas T S Guide: Ganesh Yernally	

MIC Certification
23.3.19

2 Department: CSE ✓

Sl.No	Title ; Students ; Guide	Expert Panel
1	<p>Interface To Connect NGOs And Volunteers</p> <p>IRN15CS013 Aishwarya S R IRN15CS025 Aparna H R IRN15CS035 Bhargavi N A IRN15CS044 Gouthami S</p> <p>Guide - Dr. G T Raju</p>	<p>Principal: Dr. M K Venkatesha</p> <p>HoD: Dr. G T Raju</p> <p>Subject Experts/Senior Professors / Industry Expert:</p> <p>Mrs.M J Sudhamani Dr. H R Shashidhara Dr. Girijamma Mr. Shreyas Hegde Technical Analyst, British Telecom, Bengaluru</p>
2	<p>IoT Based Over speeding and Fog Accidents Prevention System</p> <p>IRN15CS116 Thirumanyam Vaishnavi IRN15CS117 Usha B IRN15CS120 Varshini G Bhargav</p> <p>Guide - Dr. G T Raju</p>	

3 Department: ISE

Sl. No.	Title ; Students; Guide	Expert Panel
1	<p>Design and Development of an E-Voting System using Blockchain Technique</p> <p>IRN15IS064 Praveen Gowda M . S IRN15IS073 Rohan R Prabhu G IRN15IS086 Shreenidhi Bhat IRN15IS118 Vishwanatha</p> <p>Guide - Dr. M V Sudhamani</p>	<p>Principal: Dr. M K Venkatesha</p> <p>HoD: Dr. M V Sudhamani</p> <p>Subject Experts/Senior Professors / Industry Expert:</p> <p>Mr. T S Bhagavath Singh Dr. Prakasha S Mr. Sharath Chandra Intel Technology Delivery Manager, Bengaluru</p>
2	<p>Hand Gesture Recognition in Real Time Videos</p> <p>IRN15IS021 Barnita Mondal IRN15IS030 Harshini B IRN15IS034 Janhvi B Jolapara IRN15IS062 Pranitha Kumari</p> <p>Guide - Dr. M V Sudhamani</p>	

MK (Signature)
23.3

4 Department: EIE

Sl. No.	Title; Students ; Guide	Expert Panel
1	Astro tracking and digital image processing IRN15EI014 Jayaraj Parappa Japagal IRN15EI024 Mihir Athale IRN15EI045 Simran Bhamra Guide: Mr. P Manohar	Principal: Dr. M K Venkatesha HoD: Dr. Andhe Pallavi Subject Experts/Senior Professors / Industry Expert: Dr. T Sreenivasan Mr. Srikanth G N Mr. P Manohar
2	Brain attention controlled wheel chair IRN15EI004 Akanksha Singh S IRN15EI004 Ananya Pavan IRN15EI018 Kiran Nanaiah N G IRN16EI407Shivaprasad B K Guide: Dr. Mallikarjun H M	

5 Department: EEE

Sl. No.	Title ; Students; Guide	Expert Panel
1	Integration of solar & wind energy for dual power generation IRN15EE002 Abhishek Kothari IRN15EE012 Atul Raj IRN15EE028 Keerthana B R IRN15EE045 Sahana S. N Guide: Mrs. Kokila R	Principal: Dr. M K Venkatesha HoD: Dr. S Sumathi Subject Experts/Senior Professors / Industry Expert: Dr. Andhe Pallavi, HOD, EIE Mr. Mallikarjun. B Mrs. Dolly Rajdev Bosch Rexroth
2	Design of a hybrid electric three wheeler vehicle for the analysis of fuel efficiency IRN15EE001 ABHISHEK HEGDE IRN15EE003 ADARSH K IRN15EE031 A K MAHANTHA IRN15EE042 RAJESH N GOND Guide: Dr. Sharada Prasad N	

M/K Chintanil
23.3.19
3/4

6 Department: ME

Sl. No.	Title ; Students ; Guide	Expert Panel
1	Design and Development of stationary vending Machine	Principal: Dr. M K Venkatesha HoD: Dr. T Sreenivasan Subject Experts/Senior Professors / Industry Expert: Dr. Basava kumar K G Dr. Andhe Pallavi Mrs. Dolly Rajdev Bosch Rexroth
	IRN15ME020 Akash N IRN15ME046 Chetan H C IRN15ME050 Darshan D V IRN15ME064 Harsha S Prakash Guide: Niranjan K	
2	Investigation of air flow and enhancement of cooling effect for different orientation of data centers using CFD	
	IRN15ME062 Hajjak Thilluck S D IRN15ME067 Kaushik Naik L IRN15ME069 Kaushik C IRN15ME092 Niranjan C Guide: Mahesh Kumar N	

7 Department: Civil

Sl. No.	Title ; Students	Expert Panel
1	Stabilization of black cotton soil using bitumen emulsion and glass powder as filler material	Principal: Dr. M K Venkatesha HoD: Dr. Prathap Kumar M T Subject Experts/Senior Professors / Industry Expert: Dr. T Sreenivasan Mr. Shiv Kumar B Patil Dr. Prem Swaroop Reddy Professor & HoD of Civil Engg. DBIT
	IRN15CV030 Nisarga M R IRN15CV060 Vishmitha V Shetty IRN15CV055 Varun Wali IRN15CV025 Manoj M J Guide: Pragnya V J	
2	Retrofitting of RC beams using textile reinforced mortar(TRM)	
	IRN15CV021 Lohith N R IRN15CV045 Siriwanth Kumar K IRN15CV018 Hrithik J IRN15CV040 Sachin Guide: Mahadeva M	

Regards.

Yours faithfully,

MK Venkatesha

(Dr. M K Venkatesha)
Principal

23.3.19

MK Venkatesha
PRINCIPAL 23.3
RNS Institute of Technology
Channasandra, Bengaluru - 560 099



R N SHETTY TRUST RNS INSTITUTE OF TECHNOLOGY

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Ph. : +91 80 28611880 / 1, Fax : +91 80 28611882, Email : principal@rnsit.ac.in. www.rnsit.ac.in

Estd : 2001

Ref. No. : RNSIT / 2018 / 180

Date : 31-5-18

To,
The Registrar
"Jnana Sangama"
VTU, Belagavi - 560 098

Dear Sir,

Sub: VTU Financial Assistance to UG Projects

Ref: Your office Circular Ref No: VTU/Aca/2017-18/8702 dated Jan 18, 2018

We from RNSIT, are sending the consolidated list of evaluated and shortlisted UG projects across the SEVEN disciplines at RNSIT for financial assistance from VTU. We request you to sanction the financial assistance at the earliest. The details are as under:

Department: ECE

Sl. No.	Title ; Students	Expert Panel
1	Gesture Enabled Master Slave Robot (GEMS BOT); IRN14EC167 Varun M IRN14EC183 M Shreyas IRN14EC181 Anil Kumar Naidu IRN14EC168 Vemula Sai Naveen Guide - Mrs Smitha M N	Principal - Dr. M K Venkatesha HOD - Dr. Vipula Singh Dr. Suresh D Dr. S V Uma
2	MIMIC: Multi-sensor data fusion Inertial Measurement Integrated Capturing; Yogesh S Bellad (IRN14EC177) Yashaswini D (IRN14EC175) Shreyas J Kumar (IRN14EC139) Guide - Dr. Archana Kulkarni	Industry Expert - Mr. Srinath Bhadram National Design Business Incubator, Govt of India

Department: CSE

Sl. No.	Title ; Students	Expert Panel
1	Location Aware Audio Tour using nRF IRN14CS063 - Nithin Mathew IRN14CS066 - Pavana A IRN14CS085 - S Megha IRN14CS098 - Shubh Mehta Guide - Mrs. S K Sampada	Principal - Dr. M K Venkatesha HOD - Dr. G T Raju Dr. H A Girijamma Mrs. S K Sampada
2	Athena : DAO For Deriving Intelligence Using Machine Level Parallelism IRN14CS043 - Kishan N IRN14CS049 - Lalith Adithya Guide - Dr. G T Raju	Industry Expert - Shreyas Hegde Technical Analyst, British Telecom, Bengaluru

MK Venkatesha
31/5

Department: I S E

Sl. No.	Title ; Students	Expert Panel
1	<p>Design and Development of Sensor Based Smart Gardening System</p> <p>Students: 1. Adithya D (1RN14IS005) 2. Akarsh J D (1RN14IS009)</p> <p>Guide - Mr. T S Bhagavath Singh</p>	<p>Principal - Dr. M K Venkatesha</p> <p>HOD - Dr. M V Sudhamani</p> <p>Mr. T S Bhagavath Singh, Mrs. Hema N</p>
2	<p>Title: Detecting the Relationship Among Objects in an Image</p> <p>Students: 1. Gautham A S (1RN14IS041) 2. K Shashank (1RN14IS046) 3. Karthik Rao (1RN14IS048) 4. Chandan Kumar K N (1RN15IS404)</p> <p>Guide - Mrs. Hema N</p>	<p>Industry Expert - Mr. Shivaraju H R Senior System Engineer Research & Development Hewlett Packard Enterprise Pvt. Ltd.</p>

Department: EIE

Sl. No.	Title; Students	Expert Panel
1	<p>Personalized Gesture Interface using machine learning</p> <p>Deepika H S (1RN14EI011) Madhusudan Shah (1RN14EI018) T V Srilakshmi (1RN14EI054)</p> <p>Guide - Dr. Andhe Pallavi</p>	<p>Principal - Dr. M K Venkatesha</p> <p>HoD Dr. Andhe Pallavi</p> <p>Mr. G N Srikanth Mr. P Manohar</p>
2	<p>Card Based Anti Piracy Screening System</p> <p>Manasa R (1RN14EI020) Arun Kumar M (1RN14EI006) Dhanush S (1RN14EI012) Sowmya K(1RN14EI042)</p> <p>Guide - Mr. Chetan G</p>	<p>Industry Expert Mr. Chetan Rajdev Head Drive & Control Academy, BOSCH-REXORTH, Bangalore</p>

Department: EEE

Sl. No.	Title ; Students	Expert Panel
1	<p>Tesla Turbine</p> <p>1RN14EE007 - Anisha Ganguly 1RN14EE012 - Arshiya C 1RN14EE017 - C.K.Keerthi 1RN14EE043 - Savitha M</p> <p>Guide - Mr. Rakesh. M. N</p>	<p>Principal - Dr. M K Venkatesha</p> <p>HoD Dr.S.Sumathi</p> <p>Dr. Dinesh M. N Assoc. Prof, EEE, RVCE</p>
2	<p>Control Surface Position Indicating System</p> <p>1RN14EE027 - MD Touseeq Ahmed Shariff 1RN14EE034 - Rajath Krishna Pai J 1RN14EE029 - Naveen S 1RN14EE048 - Shreyas J</p> <p>Guide - Mr. Supriya P</p>	<p>Dr. Andhe pallavi, Dr. Sridhar</p>

M/K Venkatesha
31/3

Department: Mechanical Engineering

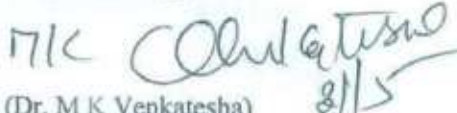
Sl. No.	Title ; Students	Expert Panel
1	<p>Rapid Liquid Chiller</p> <p>IRN15ME418 Praveen V IRN15ME431 Srinivasa K.V IRN15ME410 Madivalappa IRN13ME096 Sharan Kumar</p> <p>Guide: Rakesh R, Asst. Professor,</p>	<p>Principal - Dr M K Venkatesha</p> <p>HoD Dr T Sreenivasan</p> <p>Dr. K G Basavakumar</p>
2	<p>Numerical Study on the Heat Transfer Enhancement of Circular Tube Bank Fin Heat Exchanger with Vortex Generators</p> <p>IRN14ME138 Shubham Singh IRN14ME142 Spandana H IRN14ME162 Venkata Krishnan K IRN14ME141 Sourav Singh</p> <p>Guide: Mahesh Kumar N</p>	<p>Dr Anand Annigeri Kulkarni, HOD, JSSATE.</p> <p>Industry Expert Mr. Chetan Rajdev Head Drive & Control Academy, BOSCH-REXORTH, Bangalore</p>

Department: Civil

Sl. No.	Title ; Students	Expert Panel
1	<p>Eco Sustainable Pervious Concrete Using Titanium Dioxide</p> <p>1RN14CV005 Akshay Kumar S 1RN14CV026 Mahesh Chandra T M 1RN14CV407 Sachin A. N 1RN14CV408 Sagar B</p> <p>Guide: Dr. M T Prathap Kumar</p>	<p>Principal – Dr. M K Venkatesha</p> <p>HOD – Dr. M T Prathap Kumar</p> <p>Dr. T Sreenivasan, Prof Mech Dr. K G Basava Kumar, Prof. Mech</p>
2	<p>Performance Evaluation of BWSSB Sewage Treatment Plants in Bangalore</p> <p>1RN14CV013 Dharshan V 1RN14CV024 Lakshmi Agrahar 1RN14CV032 Nawab Jameel Imaad 1RN14CV056 Vishal Hegde</p> <p>Guide: Ms. Rumpa Sarkhel</p>	<p>External Expert – Jairaj, NMIT</p>

Regards.

Yours faithfully,


 (Dr. M K Venkatesha) 2/1/5
 Principal

PRINCIPAL
RNS Institute of Technology,
Channasandra, Bengaluru-560 098



Estd : 2001

R N SHETTY TRUST RNS INSTITUTE OF TECHNOLOGY

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Ref.No. : RNSIT / 20.18 - 20.19 / 2155 /

Date : 23-3-19

The Registrar
"Jnana Sangama"
VTU, Belagavi - 590 018

Sir,

Sub: VTU Financial Assistance to UG Projects for the year 2018-19

Ref: Your office Circular Ref No: VTU/BGM/Aca-OS/Gen-Cir/2018-19/10716 dt 01/12/19

We from RNSIT, are sending the consolidated list of evaluated and shortlisted UG projects across the SEVEN disciplines at RNSIT for financial assistance from VTU. We request you to sanction the financial assistance at the earliest. The details are as under:

1 Department: ECE ✓

Sl.No	Title ; Students ; Guide	Expert Panel
1	Implementation of wearable device for child and women safety	Principal: Dr. M K Venkatesha HoD: Dr. Vipula Singh
	IRN15EC010 Aishwarya V Reddy IRN15EC173 Voleti Jashmitha IRN15EC168 Varsha V Nayak IRN15EC169 Varsha V Shetty Guide: Apoorva N Hegde	
2	Image Processing based autonomous fetch Bot for garbage collection	Subject Experts/Senior Professors / Industry Expert: Dr. Uma S V Dr. Suresh D Mr. Manjunatha V Synopsys Pvt. Ltd., Bangalore
	IRN15EC137 Sanjay V Joshi IRN15EC138 Sathish R IRN15EC145 Shree Harsha IRN15EC162 Suhas T S Guide: Ganesh Yernally	

MIC Certification
23.3.19

2 Department: CSE ✓

Sl.No	Title ; Students ; Guide	Expert Panel
1	<p>Interface To Connect NGOs And Volunteers</p> <p>IRN15CS013 Aishwarya S R IRN15CS025 Aparna H R IRN15CS035 Bhargavi N A IRN15CS044 Gouthami S</p> <p>Guide - Dr. G T Raju</p>	<p>Principal: Dr. M K Venkatesha</p> <p>HoD: Dr. G T Raju</p> <p>Subject Experts/Senior Professors / Industry Expert:</p> <p>Mrs.M J Sudhamani Dr. H R Shashidhara Dr. Girijamma Mr. Shreyas Hegde Technical Analyst, British Telecom, Bengaluru</p>
2	<p>IoT Based Over speeding and Fog Accidents Prevention System</p> <p>IRN15CS116 Thirumanyam Vaishnavi IRN15CS117 Usha B IRN15CS120 Varshini G Bhargav</p> <p>Guide - Dr. G T Raju</p>	

3 Department: ISE

Sl. No.	Title ; Students; Guide	Expert Panel
1	<p>Design and Development of an E-Voting System using Blockchain Technique</p> <p>IRN15IS064 Praveen Gowda M . S IRN15IS073 Rohan R Prabhu G IRN15IS086 Shreenidhi Bhat IRN15IS118 Vishwanatha</p> <p>Guide - Dr. M V Sudhamani</p>	<p>Principal: Dr. M K Venkatesha</p> <p>HoD: Dr. M V Sudhamani</p> <p>Subject Experts/Senior Professors / Industry Expert:</p> <p>Mr. T S Bhagavath Singh Dr. Prakasha S Mr. Sharath Chandra Intel Technology Delivery Manager, Bengaluru</p>
2	<p>Hand Gesture Recognition in Real Time Videos</p> <p>IRN15IS021 Barnita Mondal IRN15IS030 Harshini B IRN15IS034 Janhvi B Jolapara IRN15IS062 Pranitha Kumari</p> <p>Guide - Dr. M V Sudhamani</p>	

MK (Signature)
23.3

4 Department: EIE

Sl. No.	Title; Students ; Guide	Expert Panel
1	Astro tracking and digital image processing IRN15EI014 Jayaraj Parappa Japagal IRN15EI024 Mihir Athale IRN15EI045 Simran Bhamra Guide: Mr. P Manohar	Principal: Dr. M K Venkatesha HoD: Dr. Andhe Pallavi Subject Experts/Senior Professors / Industry Expert: Dr. T Sreenivasan Mr. Srikanth G N Mr. P Manohar
2	Brain attention controlled wheel chair IRN15EI004 Akanksha Singh S IRN15EI004 Ananya Pavan IRN15EI018 Kiran Nanaiah N G IRN16EI407Shivaprasad B K Guide: Dr. Mallikarjun H M	

5 Department: EEE

Sl. No.	Title ; Students; Guide	Expert Panel
1	Integration of solar & wind energy for dual power generation IRN15EE002 Abhishek Kothari IRN15EE012 Atul Raj IRN15EE028 Keerthana B R IRN15EE045 Sahana S. N Guide: Mrs. Kokila R	Principal: Dr. M K Venkatesha HoD: Dr. S Sumathi Subject Experts/Senior Professors / Industry Expert: Dr. Andhe Pallavi, HOD, EIE Mr. Mallikarjun. B Mrs. Dolly Rajdev Bosch Rexroth
2	Design of a hybrid electric three wheeler vehicle for the analysis of fuel efficiency IRN15EE001 ABHISHEK HEGDE IRN15EE003 ADARSH K IRN15EE031 A K MAHANTHA IRN15EE042 RAJESH N GOND Guide: Dr. Sharada Prasad N	

M/K Chintanil
23.3.19
3/4

6 Department: ME

Sl. No.	Title ; Students ; Guide	Expert Panel
1	<p>Design and Development of stationary vending Machine</p> <p>IRN15ME020 Akash N IRN15ME046 Chetan H C IRN15ME050 Darshan D V IRN15ME064 Harsha S Prakash</p> <p>Guide: Niranjan K</p>	<p>Principal: Dr. M K Venkatesha</p> <p>HoD: Dr. T Sreenivasan</p> <p>Subject Experts/Senior Professors / Industry Expert:</p> <p>Dr. Basava kumar K G Dr. Andhe Pallavi Mrs. Dolly Rajdev Bosch Rexroth</p>
2	<p>Investigation of air flow and enhancement of cooling effect for different orientation of data centers using CFD</p> <p>IRN15ME062 Hajjak Thilluck S D IRN15ME067 Kaushik Naik L IRN15ME069 Kaushik C IRN15ME092 Niranjan C</p> <p>Guide: Mahesh Kumar N</p>	

7 Department: Civil

Sl. No.	Title ; Students	Expert Panel
1	<p>Stabilization of black cotton soil using bitumen emulsion and glass powder as filler material</p> <p>IRN15CV030 Nisarga M R IRN15CV060 Vishmitha V Shetty IRN15CV055 Varun Wali IRN15CV025 Manoj M J</p> <p>Guide: Pragnya V J</p>	<p>Principal: Dr. M K Venkatesha</p> <p>HoD: Dr. Prathap Kumar M T</p> <p>Subject Experts/Senior Professors / Industry Expert:</p> <p>Dr. T Sreenivasan Mr. Shiv Kumar B Patil Dr. Prem Swaroop Reddy Professor & HoD of Civil Engg. DBIT</p>
2	<p>Retrofitting of RC beams using textile reinforced mortar(TRM)</p> <p>IRN15CV021 Lohith N R IRN15CV045 Siriwanth Kumar K IRN15CV018 Hrithik J IRN15CV040 Sachin</p> <p>Guide: Mahadeva M</p>	

Regards.

Yours faithfully,

MK Venkatesha

(Dr. M K Venkatesha)
Principal

23.3.19

MK Venkatesha
 PRINCIPAL 23.3
 R N S Institute of Technology
 Channasandra, Bengaluru - 560 099



R N SHETTY TRUST RNS INSTITUTE OF TECHNOLOGY

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Estd : 2001

Ref. No. : RNSIT / 2018 / 180

Date : 31-5-18

To,
The Registrar
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VTU, Belagavi - 560 098

Dear Sir,

Sub: VTU Financial Assistance to UG Projects

Ref: Your office Circular Ref No: VTU/Aca/2017-18/8702 dated Jan 18, 2018

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1	Gesture Enabled Master Slave Robot (GEMS BOT); IRN14EC167 Varun M IRN14EC183 M Shreyas IRN14EC181 Anil Kumar Naidu IRN14EC168 Vemula Sai Naveen Guide - Mrs Smitha M N	Principal - Dr. M K Venkatesha HOD - Dr. Vipula Singh Dr. Suresh D Dr. S V Uma
2	MIMIC: Multi-sensor data fusion Inertial Measurement Integrated Capturing; Yogesh S Bellad (IRN14EC177) Yashaswini D (IRN14EC175) Shreyas J Kumar (IRN14EC139) Guide - Dr. Archana Kulkarni	Industry Expert - Mr. Srinath Bhadram National Design Business Incubator, Govt of India

Department: CSE

Sl. No.	Title ; Students	Expert Panel
1	Location Aware Audio Tour using nRF IRN14CS063 - Nithin Mathew IRN14CS066 - Pavana A IRN14CS085 - S Megha IRN14CS098 - Shubh Mehta Guide - Mrs. S K Sampada	Principal - Dr. M K Venkatesha HOD - Dr. G T Raju Dr. H A Girijamma Mrs. S K Sampada
2	Athena : DAO For Deriving Intelligence Using Machine Level Parallelism IRN14CS043 - Kishan N IRN14CS049 - Lalith Adithya Guide - Dr. G T Raju	Industry Expert - Shreyas Hegde Technical Analyst, British Telecom, Bengaluru

MK Venkatesha
31/5

Department: I S E

Sl. No.	Title ; Students	Expert Panel
1	<p>Design and Development of Sensor Based Smart Gardening System</p> <p>Students: 1. Adithya D (1RN14IS005) 2. Akarsh J D (1RN14IS009)</p> <p>Guide - Mr. T S Bhagavath Singh</p>	<p>Principal – Dr. M K Venkatesha</p> <p>HOD – Dr. M V Sudhamani</p> <p>Mr. T S Bhagavath Singh, Mrs. Hema N</p>
2	<p>Title: Detecting the Relationship Among Objects in an Image</p> <p>Students: 1. Gautham A S (1RN14IS041) 2. K Shashank (1RN14IS046) 3. Karthik Rao (1RN14IS048) 4. Chandan Kumar K N (1RN15IS404)</p> <p>Guide - Mrs. Hema N</p>	<p>Industry Expert – Mr. Shivaraju H R Senior System Engineer Research & Development Hewlett Packard Enterprise Pvt. Ltd.</p>

Department: EIE

Sl. No.	Title; Students	Expert Panel
1	<p>Personalized Gesture Interface using machine learning</p> <p>Deepika H S (1RN14EI011) Madhusudan Shah (1RN14EI018) T V Srilakshmi (1RN14EI054)</p> <p>Guide - Dr. Andhe Pallavi</p>	<p>Principal - Dr. M K Venkatesha</p> <p>HoD Dr. Andhe Pallavi</p> <p>Mr. G N Srikanth Mr. P Manohar</p>
2	<p>Card Based Anti Piracy Screening System</p> <p>Manasa R (1RN14EI020) Arun Kumar M (1RN14EI006) Dhanush S (1RN14EI012) Sowmya K(1RN14EI042)</p> <p>Guide - Mr. Chetan G</p>	<p>Industry Expert Mr. Chetan Rajdev Head Drive & Control Academy, BOSCH-REXORTH, Bangalore</p>

Department: EEE

Sl. No.	Title ; Students	Expert Panel
1	<p>Tesla Turbine</p> <p>1RN14EE007 - Anisha Ganguly 1RN14EE012 - Arshiya C 1RN14EE017 - C.K.Keerthi 1RN14EE043 - Savitha M</p> <p>Guide - Mr. Rakesh. M. N</p>	<p>Principal - Dr. M K Venkatesha</p> <p>HoD Dr.S.Sumathi</p> <p>Dr. Dinesh M. N Assoc. Prof, EEE, RVCE</p>
2	<p>Control Surface Position Indicating System</p> <p>1RN14EE027 – MD Touseeq Ahmed Shariff 1RN14EE034 – Rajath Krishna Pai J 1RN14EE029 – Naveen S 1RN14EE048 - Shreyas J</p> <p>Guide - Mr. Supriya P</p>	<p>Dr. Andhe pallavi, Dr. Sridhar</p>

M/K Venkatesha
31/3

Department: Mechanical Engineering

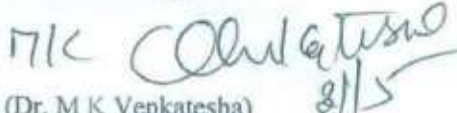
Sl. No.	Title ; Students	Expert Panel
1	<p>Rapid Liquid Chiller</p> <p>IRN15ME418 Praveen V IRN15ME431 Srinivasa K.V IRN15ME410 Madivalappa IRN13ME096 Sharan Kumar</p> <p>Guide: Rakesh R, Asst. Professor.</p>	<p>Principal - Dr M K Venkatesha</p> <p>HoD Dr T Sreenivasan</p> <p>Dr. K G Basavakumar</p>
2	<p>Numerical Study on the Heat Transfer Enhancement of Circular Tube Bank Fin Heat Exchanger with Vortex Generators</p> <p>IRN14ME138 Shubham Singh IRN14ME142 Spandana H IRN14ME162 Venkata Krishnan K IRN14ME141 Sourav Singh</p> <p>Guide: Mahesh Kumar N</p>	<p>Dr Anand Annigeri Kulkarni, HOD, JSSATE.</p> <p>Industry Expert Mr. Chetan Rajdev Head Drive & Control Academy, BOSCH-REXORTH, Bangalore</p>

Department: Civil

Sl. No.	Title ; Students	Expert Panel
1	<p>Eco Sustainable Pervious Concrete Using Titanium Dioxide</p> <p>1RN14CV005 Akshay Kumar S 1RN14CV026 Mahesh Chandra T M 1RN14CV407 Sachin A. N 1RN14CV408 Sagar B</p> <p>Guide: Dr. M T Prathap Kumar</p>	<p>Principal – Dr. M K Venkatesha</p> <p>HOD – Dr. M T Prathap Kumar</p> <p>Dr. T Sreenivasan, Prof Mech Dr. K G Basava Kumar, Prof. Mech</p>
2	<p>Performance Evaluation of BWSSB Sewage Treatment Plants in Bangalore</p> <p>1RN14CV013 Dharshan V 1RN14CV024 Lakshmi Agrahar 1RN14CV032 Nawab Jameel Imaad 1RN14CV056 Vishal Hegde</p> <p>Guide: Ms. Rumpa Sarkhel</p>	<p>External Expert – Jairaj, NMIT</p>

Regards.

Yours faithfully,


 (Dr. M K Venkatesha) 2/1/5
 Principal

PRINCIPAL
RNS Institute of Technology,
Channasandra, Bengaluru-560 098

Certificate of APPRECIATION

This Certificate is Awarded to

Varun Shillesh

of

Ultrasonic Smart Sneeze for Visually Impaired

Which Emerged as

Winner

of

INNOVATION CHALLENGE TRACK

IEEE YESIST 12 2019

AGE OF INNOVATION

Divyanshu

Mr. Divyanshu Verma

Senior Manager, Software Development

Intel Corporation

Chow. Anandpur, India

B. L. M.

Dr. Anandhina Murugesan

Professor, Department of ECE, MIT

Superior Circle, KEE, Kumbakonam

Shruti

Dr. Shrutiha Lakshmi

Assistant Professor

Department of Information Technology

Chow. Anandpur, KEE, Kumbakonam

- **Varun Shailesh, Abhilash M, Akshaj S M of 2nd sem EIE have developed a walking stick for the visually impaired. The team has presented a paper on the same at IEEE YESIST12- 2019 at VVIET, Mysuru.**
- **They have been selected to represent India along with 16 other countries in the grand finale which is going to be held in Thailand on September 2019**





Estd : 2001

R N SHETTY TRUST RNS INSTITUTE OF TECHNOLOGY

(AICTE Approved and VTU Affiliated)

Channasandra, Uttarahalli-Kengeri Main Road, Rajarajeshwari Nagar Post, Bengaluru - 560 098.

Ph : +91 80 28611880 / 1, Fax : +91 80 28611882, Email : principal@rnsit.ac.in www.rnsit.ac.in

Ref.No. : RNSIT / 20.18 - 20.19 / 2155 /

Date : 23-3-19

The Registrar
"Jnana Sangama"
VTU, Belagavi - 590 018

Sir,

Sub: VTU Financial Assistance to UG Projects for the year 2018-19

Ref: Your office Circular Ref No: VTU/BGM/Aca-OS/Gen-Cir/2018-19/10716 dt 01/12/19

We from RNSIT, are sending the consolidated list of evaluated and shortlisted UG projects across the SEVEN disciplines at RNSIT for financial assistance from VTU. We request you to sanction the financial assistance at the earliest. The details are as under:

1 Department: ECE ✓

Sl.No	Title ; Students ; Guide	Expert Panel
1	Implementation of wearable device for child and women safety	Principal: Dr. M K Venkatesha HoD: Dr. Vipula Singh
	IRN15EC010 Aishwarya V Reddy IRN15EC173 Voleti Jashmitha IRN15EC168 Varsha V Nayak IRN15EC169 Varsha V Shetty Guide: Apoorva N Hegde	
2	Image Processing based autonomous fetch Bot for garbage collection	Subject Experts/Senior Professors / Industry Expert: Dr. Uma S V Dr. Suresh D Mr. Manjunatha V Synopsys Pvt. Ltd., Bangalore
	IRN15EC137 Sanjay V Joshi IRN15EC138 Sathish R IRN15EC145 Shree Harsha IRN15EC162 Suhas T S Guide: Ganesh Yernally	

MIC Certification
23.3.19

2 Department: CSE ✓

Sl.No	Title ; Students ; Guide	Expert Panel
1	Interface To Connect NGOs And Volunteers	Principal: Dr. M K Venkatesha HoD: Dr. G T Raju Subject Experts/Senior Professors / Industry Expert: Mrs.M J Sudhamani Dr. H R Shashidhara Dr. Girijamma Mr. Shreyas Hegde Technical Analyst, British Telecom, Bengaluru
	IRN15CS013 Aishwarya S R IRN15CS025 Aparna H R IRN15CS035 Bhargavi N A IRN15CS044 Gouthami S Guide - Dr. G T Raju	
2	IoT Based Over speeding and Fog Accidents Prevention System	Mrs.M J Sudhamani Dr. H R Shashidhara Dr. Girijamma Mr. Shreyas Hegde Technical Analyst, British Telecom, Bengaluru
	IRN15CS116 Thirumanyam Vaishnavi IRN15CS117 Usha B IRN15CS120 Varshini G Bhargav Guide - Dr. G T Raju	

3 Department: ISE

Sl. No.	Title ; Students; Guide	Expert Panel
1	Design and Development of an E-Voting System using Blockchain Technique	Principal: Dr. M K Venkatesha HoD: Dr. M V Sudhamani Subject Experts/Senior Professors / Industry Expert: Mr. T S Bhagavath Singh Dr. Prakasha S Mr. Sharath Chandra Intel Technology Delivery Manager, Bengaluru
	IRN15IS064 Praveen Gowda M . S IRN15IS073 Rohan R Prabhu G IRN15IS086 Shreenidhi Bhat IRN15IS118 Vishwanatha Guide - Dr. M V Sudhamani	
2	Hand Gesture Recognition in Real Time Videos	Mr. T S Bhagavath Singh Dr. Prakasha S Mr. Sharath Chandra Intel Technology Delivery Manager, Bengaluru
	IRN15IS021 Barnita Mondal IRN15IS030 Harshini B IRN15IS034 Janhvi B Jolapara IRN15IS062 Pranitha Kumari Guide - Dr. M V Sudhamani	

MK (Signature)
23.3

4 Department: EIE

Sl. No.	Title; Students ; Guide	Expert Panel
1	Astro tracking and digital image processing IRN15EI014 Jayaraj Parappa Japagal IRN15EI024 Mihir Athale IRN15EI045 Simran Bhamra Guide: Mr. P Manohar	Principal: Dr. M K Venkatesha HoD: Dr. Andhe Pallavi Subject Experts/Senior Professors / Industry Expert: Dr. T Sreenivasan Mr. Srikanth G N Mr. P Manohar
2	Brain attention controlled wheel chair IRN15EI004 Akanksha Singh S IRN15EI004 Ananya Pavan IRN15EI018 Kiran Nanaiah N G IRN16EI407Shivaprasad B K Guide: Dr. Mallikarjun H M	

5 Department: EEE

Sl. No.	Title ; Students; Guide	Expert Panel
1	Integration of solar & wind energy for dual power generation IRN15EE002 Abhishek Kothari IRN15EE012 Atul Raj IRN15EE028 Keerthana B R IRN15EE045 Sahana S. N Guide: Mrs. Kokila R	Principal: Dr. M K Venkatesha HoD: Dr. S Sumathi Subject Experts/Senior Professors / Industry Expert: Dr. Andhe Pallavi, HOD, EIE Mr. Mallikarjun. B Mrs. Dolly Rajdev Bosch Rexroth
2	Design of a hybrid electric three wheeler vehicle for the analysis of fuel efficiency IRN15EE001 ABHISHEK HEGDE IRN15EE003 ADARSH K IRN15EE031 A K MAHANTHA IRN15EE042 RAJESH N GOND Guide: Dr. Sharada Prasad N	

M/K Chintanil
23.3.19
3/4

6 Department: ME

Sl. No.	Title ; Students ; Guide	Expert Panel
1	Design and Development of stationary vending Machine	Principal: Dr. M K Venkatesha HoD: Dr. T Sreenivasan Subject Experts/Senior Professors / Industry Expert: Dr. Basava kumar K G Dr. Andhe Pallavi Mrs. Dolly Rajdev Bosch Rexroth
	IRN15ME020 Akash N IRN15ME046 Chetan H C IRN15ME050 Darshan D V IRN15ME064 Harsha S Prakash Guide: Niranjan K	
2	Investigation of air flow and enhancement of cooling effect for different orientation of data centers using CFD	
	IRN15ME062 Hajjak Thilluck S D IRN15ME067 Kaushik Naik L IRN15ME069 Kaushik C IRN15ME092 Niranjan C Guide: Mahesh Kumar N	

7 Department: Civil

Sl. No.	Title ; Students	Expert Panel
1	Stabilization of black cotton soil using bitumen emulsion and glass powder as filler material	Principal: Dr. M K Venkatesha HoD: Dr. Prathap Kumar M T Subject Experts/Senior Professors / Industry Expert: Dr. T Sreenivasan Mr. Shiv Kumar B Patil Dr. Prem Swaroop Reddy Professor & HoD of Civil Engg. DBIT
	IRN15CV030 Nisarga M R IRN15CV060 Vishmitha V Shetty IRN15CV055 Varun Wali IRN15CV025 Manoj M J Guide: Pragnya V J	
2	Retrofitting of RC beams using textile reinforced mortar(TRM)	
	IRN15CV021 Lohith N R IRN15CV045 Siriwanth Kumar K IRN15CV018 Hrithik J IRN15CV040 Sachin Guide: Mahadeva M	

Regards.

Yours faithfully,

MK Venkatesha

(Dr. M K Venkatesha)
Principal

23.3.19

MK Venkatesha
PRINCIPAL 23.3
RNS Institute of Technology
Channasandra, Bengaluru - 560 099



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Estd : 2001

Ref. No. : RNSIT / 2018 / 180

Date : 31-5-18

To,
The Registrar
"Jnana Sangama"
VTU, Belagavi - 560 098

Dear Sir,

Sub: VTU Financial Assistance to UG Projects

Ref: Your office Circular Ref No: VTU/Aca/2017-18/8702 dated Jan 18, 2018

We from RNSIT, are sending the consolidated list of evaluated and shortlisted UG projects across the SEVEN disciplines at RNSIT for financial assistance from VTU. We request you to sanction the financial assistance at the earliest. The details are as under:

Department: ECE

Sl. No.	Title ; Students	Expert Panel
1	Gesture Enabled Master Slave Robot (GEMS BOT); IRN14EC167 Varun M IRN14EC183 M Shreyas IRN14EC181 Anil Kumar Naidu IRN14EC168 Vemula Sai Naveen Guide - Mrs Smitha M N	Principal - Dr. M K Venkatesha HOD - Dr. Vipula Singh Dr. Suresh D Dr. S V Uma
2	MIMIC: Multi-sensor data fusion Inertial Measurement Integrated Capturing; Yogesh S Bellad (IRN14EC177) Yashaswini D (IRN14EC175) Shreyas J Kumar (IRN14EC139) Guide - Dr. Archana Kulkarni	Industry Expert - Mr. Srinath Bhadram National Design Business Incubator, Govt of India

Department: CSE

Sl. No.	Title ; Students	Expert Panel
1	Location Aware Audio Tour using nRF IRN14CS063 - Nithin Mathew IRN14CS066 - Pavana A IRN14CS085 - S Megha IRN14CS098 - Shubh Mehta Guide - Mrs. S K Sampada	Principal - Dr. M K Venkatesha HOD - Dr. G T Raju Dr. H A Girijamma Mrs. S K Sampada
2	Athena : DAO For Deriving Intelligence Using Machine Level Parallelism IRN14CS043 - Kishan N IRN14CS049 - Lalith Adithya Guide - Dr. G T Raju	Industry Expert - Shreyas Hegde Technical Analyst, British Telecom, Bengaluru

MK Venkatesha
31/5

Department: I S E

Sl. No.	Title ; Students	Expert Panel
1	<p>Design and Development of Sensor Based Smart Gardening System</p> <p>Students: 1. Adithya D (1RN14IS005) 2. Akarsh J D (1RN14IS009)</p> <p>Guide - Mr. T S Bhagavath Singh</p>	<p>Principal – Dr. M K Venkatesha</p> <p>HOD – Dr. M V Sudhamani</p> <p>Mr. T S Bhagavath Singh, Mrs. Hema N</p>
2	<p>Title: Detecting the Relationship Among Objects in an Image</p> <p>Students: 1. Gautham A S (1RN14IS041) 2. K Shashank (1RN14IS046) 3. Karthik Rao (1RN14IS048) 4. Chandan Kumar K N (1RN15IS404)</p> <p>Guide - Mrs. Hema N</p>	<p>Industry Expert – Mr. Shivaraju H R Senior System Engineer Research & Development Hewlett Packard Enterprise Pvt. Ltd.</p>

Department: EIE

Sl. No.	Title; Students	Expert Panel
1	<p>Personalized Gesture Interface using machine learning</p> <p>Deepika H S (1RN14EI011) Madhusudan Shah (1RN14EI018) T V Srilakshmi (1RN14EI054)</p> <p>Guide - Dr. Andhe Pallavi</p>	<p>Principal - Dr. M K Venkatesha</p> <p>HoD Dr. Andhe Pallavi</p> <p>Mr. G N Srikanth Mr. P Manohar</p>
2	<p>Card Based Anti Piracy Screening System</p> <p>Manasa R (1RN14EI020) Arun Kumar M (1RN14EI006) Dhanush S (1RN14EI012) Sowmya K(1RN14EI042)</p> <p>Guide - Mr. Chetan G</p>	<p>Industry Expert Mr. Chetan Rajdev Head Drive & Control Academy, BOSCH-REXORTH, Bangalore</p>

Department: EEE

Sl. No.	Title ; Students	Expert Panel
1	<p>Tesla Turbine</p> <p>1RN14EE007 - Anisha Ganguly 1RN14EE012 - Arshiya C 1RN14EE017 - C.K.Keerthi 1RN14EE043 - Savitha M</p> <p>Guide - Mr. Rakesh. M. N</p>	<p>Principal - Dr. M K Venkatesha</p> <p>HoD Dr.S.Sumathi</p> <p>Dr. Dinesh M. N Assoc. Prof, EEE, RVCE</p>
2	<p>Control Surface Position Indicating System</p> <p>1RN14EE027 – MD Touseeq Ahmed Shariff 1RN14EE034 – Rajath Krishna Pai J 1RN14EE029 – Naveen S 1RN14EE048 - Shreyas J</p> <p>Guide - Mr. Supriya P</p>	<p>Dr. Andhe pallavi, Dr. Sridhar</p>

M/K Venkatesha
31/3

Department: Mechanical Engineering

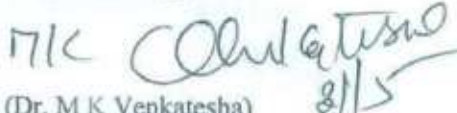
Sl. No.	Title ; Students	Expert Panel
1	<p>Rapid Liquid Chiller</p> <p>IRN15ME418 Praveen V IRN15ME431 Srinivasa K.V IRN15ME410 Madivalappa IRN13ME096 Sharan Kumar</p> <p>Guide: Rakesh R, Asst. Professor.</p>	<p>Principal - Dr M K Venkatesha</p> <p>HoD Dr T Sreenivasan</p> <p>Dr. K G Basavakumar</p>
2	<p>Numerical Study on the Heat Transfer Enhancement of Circular Tube Bank Fin Heat Exchanger with Vortex Generators</p> <p>IRN14ME138 Shubham Singh IRN14ME142 Spandana H IRN14ME162 Venkata Krishnan K IRN14ME141 Sourav Singh</p> <p>Guide: Mahesh Kumar N</p>	<p>Dr Anand Annigeri Kulkarni, HOD, JSSATE.</p> <p>Industry Expert Mr. Chetan Rajdev Head Drive & Control Academy, BOSCH-REXORTH, Bangalore</p>

Department: Civil

Sl. No.	Title ; Students	Expert Panel
1	<p>Eco Sustainable Pervious Concrete Using Titanium Dioxide</p> <p>1RN14CV005 Akshay Kumar S 1RN14CV026 Mahesh Chandra T M 1RN14CV407 Sachin A. N 1RN14CV408 Sagar B</p> <p>Guide: Dr. M T Prathap Kumar</p>	<p>Principal – Dr. M K Venkatesha</p> <p>HOD – Dr. M T Prathap Kumar</p> <p>Dr. T Sreenivasan, Prof Mech Dr. K G Basava Kumar, Prof. Mech</p>
2	<p>Performance Evaluation of BWSSB Sewage Treatment Plants in Bangalore</p> <p>1RN14CV013 Dharshan V 1RN14CV024 Lakshmi Agrahar 1RN14CV032 Nawab Jameel Imaad 1RN14CV056 Vishal Hegde</p> <p>Guide: Ms. Rumpa Sarkhel</p>	<p>External Expert – Jairaj, NMIT</p>

Regards.

Yours faithfully,


 (Dr. M K Venkatesha) 2/1/5
 Principal

PRINCIPAL
RNS Institute of Technology,
Channasandra, Bengaluru-560 098



Estd : 2001

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Ref.No. : RNSIT / 20.18 - 20.19 / 2155 /

Date : 23-3-19

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2	Image Processing based autonomous fetch Bot for garbage collection	Subject Experts/Senior Professors / Industry Expert: Dr. Uma S V Dr. Suresh D Mr. Manjunatha V Synopsys Pvt. Ltd., Bangalore
	IRN15EC137 Sanjay V Joshi IRN15EC138 Sathish R IRN15EC145 Shree Harsha IRN15EC162 Suhas T S Guide: Ganesh Yernally	

MIC Certification
23.3.19

2 Department: CSE ✓

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1	Interface To Connect NGOs And Volunteers	Principal: Dr. M K Venkatesha HoD: Dr. G T Raju Subject Experts/Senior Professors / Industry Expert: Mrs.M J Sudhamani Dr. H R Shashidhara Dr. Girijamma Mr. Shreyas Hegde Technical Analyst, British Telecom, Bengaluru
	IRN15CS013 Aishwarya S R IRN15CS025 Aparna H R IRN15CS035 Bhargavi N A IRN15CS044 Gouthami S Guide - Dr. G T Raju	
2	IoT Based Over speeding and Fog Accidents Prevention System	
	IRN15CS116 Thirumanyam Vaishnavi IRN15CS117 Usha B IRN15CS120 Varshini G Bhargav Guide - Dr. G T Raju	

3 Department: ISE

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1	Design and Development of an E-Voting System using Blockchain Technique	Principal: Dr. M K Venkatesha HoD: Dr. M V Sudhamani Subject Experts/Senior Professors / Industry Expert: Mr. T S Bhagavath Singh Dr. Prakasha S Mr. Sharath Chandra Intel Technology Delivery Manager, Bengaluru
	IRN15IS064 Praveen Gowda M . S IRN15IS073 Rohan R Prabhu G IRN15IS086 Shreenidhi Bhat IRN15IS118 Vishwanatha Guide - Dr. M V Sudhamani	
2	Hand Gesture Recognition in Real Time Videos	
	IRN15IS021 Barnita Mondal IRN15IS030 Harshini B IRN15IS034 Janhvi B Jolapara IRN15IS062 Pranitha Kumari Guide - Dr. M V Sudhamani	

MK (Signature)
23.3

4 Department: EIE

Sl. No.	Title; Students ; Guide	Expert Panel
1	Astro tracking and digital image processing IRN15EI014 Jayaraj Parappa Japagal IRN15EI024 Mihir Athale IRN15EI045 Simran Bhamra Guide: Mr. P Manohar	Principal: Dr. M K Venkatesha HoD: Dr. Andhe Pallavi Subject Experts/Senior Professors / Industry Expert: Dr. T Sreenivasan Mr. Srikanth G N Mr. P Manohar
2	Brain attention controlled wheel chair IRN15EI004 Akanksha Singh S IRN15EI004 Ananya Pavan IRN15EI018 Kiran Nanaiah N G IRN16EI407Shivaprasad B K Guide: Dr. Mallikarjun H M	

5 Department: EEE

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1	Integration of solar & wind energy for dual power generation IRN15EE002 Abhishek Kothari IRN15EE012 Atul Raj IRN15EE028 Keerthana B R IRN15EE045 Sahana S. N Guide: Mrs. Kokila R	Principal: Dr. M K Venkatesha HoD: Dr. S Sumathi Subject Experts/Senior Professors / Industry Expert: Dr. Andhe Pallavi, HOD, EIE Mr. Mallikarjun. B Mrs. Dolly Rajdev Bosch Rexroth
2	Design of a hybrid electric three wheeler vehicle for the analysis of fuel efficiency IRN15EE001 ABHISHEK HEGDE IRN15EE003 ADARSH K IRN15EE031 A K MAHANTHA IRN15EE042 RAJESH N GOND Guide: Dr. Sharada Prasad N	

MK Venkatesh
23.3.19
3/4

6 Department: ME

Sl. No.	Title ; Students ; Guide	Expert Panel
1	Design and Development of stationary vending Machine	Principal: Dr. M K Venkatesha HoD: Dr. T Sreenivasan Subject Experts/Senior Professors / Industry Expert: Dr. Basava kumar K G Dr. Andhe Pallavi Mrs. Dolly Rajdev Bosch Rexroth
	IRN15ME020 Akash N IRN15ME046 Chetan H C IRN15ME050 Darshan D V IRN15ME064 Harsha S Prakash Guide: Niranjan K	
2	Investigation of air flow and enhancement of cooling effect for different orientation of data centers using CFD	
	IRN15ME062 Hajjak Thilluck S D IRN15ME067 Kaushik Naik L IRN15ME069 Kaushik C IRN15ME092 Niranjan C Guide: Mahesh Kumar N	

7 Department: Civil

Sl. No.	Title ; Students	Expert Panel
1	Stabilization of black cotton soil using bitumen emulsion and glass powder as filler material	Principal: Dr. M K Venkatesha HoD: Dr. Prathap Kumar M T Subject Experts/Senior Professors / Industry Expert: Dr. T Sreenivasan Mr. Shiv Kumar B Patil Dr. Prem Swaroop Reddy Professor & HoD of Civil Engg. DBIT
	IRN15CV030 Nisarga M R IRN15CV060 Vishmitha V Shetty IRN15CV055 Varun Wali IRN15CV025 Manoj M J Guide: Pragnya V J	
2	Retrofitting of RC beams using textile reinforced mortar(TRM)	
	IRN15CV021 Lohith N R IRN15CV045 Siriwanth Kumar K IRN15CV018 Hrithik J IRN15CV040 Sachin Guide: Mahadeva M	

Regards.

Yours faithfully,

MK Venkatesha

(Dr. M K Venkatesha)
Principal

23.3.19

MK Venkatesha
PRINCIPAL 23.3
RNS Institute of Technology
Channasandra, Bengaluru - 560 099



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Estd : 2001

Ref. No. : RNSIT / 2018 / 180

Date : 31-5-18

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Ref: Your office Circular Ref No: VTU/Aca/2017-18/8702 dated Jan 18, 2018

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Department: CSE

Sl. No.	Title ; Students	Expert Panel
1	Location Aware Audio Tour using nRF IRN14CS063 - Nithin Mathew IRN14CS066 - Pavana A IRN14CS085 - S Megha IRN14CS098 - Shubh Mehta Guide - Mrs. S K Sampada	Principal - Dr. M K Venkatesha HOD - Dr. G T Raju Dr. H A Girijamma Mrs. S K Sampada
2	Athena : DAO For Deriving Intelligence Using Machine Level Parallelism IRN14CS043 - Kishan N IRN14CS049 - Lalith Adithya Guide - Dr. G T Raju	Industry Expert - Shreyas Hegde Technical Analyst, British Telecom, Bengaluru

MK Venkatesha
31/5

Department: I S E

Sl. No.	Title ; Students	Expert Panel
1	<p>Design and Development of Sensor Based Smart Gardening System</p> <p>Students: 1. Adithya D (1RN14IS005) 2. Akarsh J D (1RN14IS009)</p> <p>Guide - Mr. T S Bhagavath Singh</p>	<p>Principal - Dr. M K Venkatesha</p> <p>HOD - Dr. M V Sudhamani</p> <p>Mr. T S Bhagavath Singh, Mrs. Hema N</p>
2	<p>Title: Detecting the Relationship Among Objects in an Image</p> <p>Students: 1. Gautham A S (1RN14IS041) 2. K Shashank (1RN14IS046) 3. Karthik Rao (1RN14IS048) 4. Chandan Kumar K N (1RN15IS404)</p> <p>Guide - Mrs. Hema N</p>	<p>Industry Expert - Mr. Shivaraju H R Senior System Engineer Research & Development Hewlett Packard Enterprise Pvt. Ltd.</p>

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Sl. No.	Title; Students	Expert Panel
1	<p>Personalized Gesture Interface using machine learning</p> <p>Deepika H S (1RN14EI011) Madhusudan Shah (1RN14EI018) T V Srilakshmi (1RN14EI054)</p> <p>Guide - Dr. Andhe Pallavi</p>	<p>Principal - Dr. M K Venkatesha</p> <p>HoD Dr. Andhe Pallavi</p> <p>Mr. G N Srikanth Mr. P Manohar</p>
2	<p>Card Based Anti Piracy Screening System</p> <p>Manasa R (1RN14EI020) Arun Kumar M (1RN14EI006) Dhanush S (1RN14EI012) Sowmya K(1RN14EI042)</p> <p>Guide - Mr. Chetan G</p>	<p>Industry Expert Mr. Chetan Rajdev Head Drive & Control Academy, BOSCH-REXORTH, Bangalore</p>

Department: EEE

Sl. No.	Title ; Students	Expert Panel
1	<p>Tesla Turbine</p> <p>1RN14EE007 - Anisha Ganguly 1RN14EE012 - Arshiya C 1RN14EE017 - C.K.Keerthi 1RN14EE043 - Savitha M</p> <p>Guide - Mr. Rakesh. M. N</p>	<p>Principal - Dr. M K Venkatesha</p> <p>HoD Dr.S.Sumathi</p> <p>Dr. Dinesh M. N Assoc. Prof, EEE, RVCE</p>
2	<p>Control Surface Position Indicating System</p> <p>1RN14EE027 - MD Touseeq Ahmed Shariff 1RN14EE034 - Rajath Krishna Pai J 1RN14EE029 - Naveen S 1RN14EE048 - Shreyas J</p> <p>Guide - Mr. Supriya P</p>	<p>Dr. Andhe pallavi, Dr. Sridhar</p>

M/K Venkatesha
31/3

Department: Mechanical Engineering

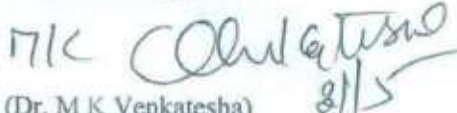
Sl. No.	Title ; Students	Expert Panel
1	<p>Rapid Liquid Chiller</p> <p>IRN15ME418 Praveen V IRN15ME431 Srinivasa K.V IRN15ME410 Madivalappa IRN13ME096 Sharan Kumar</p> <p>Guide: Rakesh R, Asst. Professor,</p>	<p>Principal - Dr M K Venkatesha</p> <p>HoD Dr T Sreenivasan</p> <p>Dr. K G Basavakumar</p>
2	<p>Numerical Study on the Heat Transfer Enhancement of Circular Tube Bank Fin Heat Exchanger with Vortex Generators</p> <p>IRN14ME138 Shubham Singh IRN14ME142 Spandana H IRN14ME162 Venkata Krishnan K IRN14ME141 Sourav Singh</p> <p>Guide: Mahesh Kumar N</p>	<p>Dr Anand Annigeri Kulkarni, HOD, JSSATE.</p> <p>Industry Expert Mr. Chetan Rajdev Head Drive & Control Academy, BOSCH-REXORTH, Bangalore</p>

Department: Civil

Sl. No.	Title ; Students	Expert Panel
1	<p>Eco Sustainable Pervious Concrete Using Titanium Dioxide</p> <p>1RN14CV005 Akshay Kumar S 1RN14CV026 Mahesh Chandra T M 1RN14CV407 Sachin A. N 1RN14CV408 Sagar B</p> <p>Guide: Dr. M T Prathap Kumar</p>	<p>Principal – Dr. M K Venkatesha</p> <p>HOD – Dr. M T Prathap Kumar</p> <p>Dr. T Sreenivasan, Prof Mech Dr. K G Basava Kumar, Prof. Mech</p>
2	<p>Performance Evaluation of BWSSB Sewage Treatment Plants in Bangalore</p> <p>1RN14CV013 Dharshan V 1RN14CV024 Lakshmi Agrahar 1RN14CV032 Nawab Jameel Imaad 1RN14CV056 Vishal Hegde</p> <p>Guide: Ms. Rumpa Sarkhel</p>	<p>External Expert – Jairaj, NMIT</p>

Regards.

Yours faithfully,


 (Dr. M K Venkatesha) 2/1/5
 Principal

PRINCIPAL
RNS Institute of Technology,
Channasandra, Bengaluru-560 098



Estd : 2001

R N SHETTY TRUST RNS INSTITUTE OF TECHNOLOGY

(AICTE Approved and VTU Affiliated)

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Ph : +91 80 28611880 / 1, Fax : +91 80 28611882, Email : principal@rnsit.ac.in www.rnsit.ac.in

Ref.No. : RNSIT / 20.18 - 20.19 / 2155 /

Date : 23-3-19

The Registrar
"Jnana Sangama"
VTU, Belagavi - 590 018

Sir,

Sub: VTU Financial Assistance to UG Projects for the year 2018-19

Ref: Your office Circular Ref No: VTU/BGM/Aca-OS/Gen-Cir/2018-19/10716 dt 01/12/19

We from RNSIT, are sending the consolidated list of evaluated and shortlisted UG projects across the SEVEN disciplines at RNSIT for financial assistance from VTU. We request you to sanction the financial assistance at the earliest. The details are as under:

1 Department: ECE ✓

Sl.No	Title ; Students ; Guide	Expert Panel
1	Implementation of wearable device for child and women safety	Principal: Dr. M K Venkatesha HoD: Dr. Vipula Singh
	IRN15EC010 Aishwarya V Reddy IRN15EC173 Voleti Jashmitha IRN15EC168 Varsha V Nayak IRN15EC169 Varsha V Shetty Guide: Apoorva N Hegde	
2	Image Processing based autonomous fetch Bot for garbage collection	Subject Experts/Senior Professors / Industry Expert: Dr. Uma S V Dr. Suresh D Mr. Manjunatha V Synopsys Pvt. Ltd., Bangalore
	IRN15EC137 Sanjay V Joshi IRN15EC138 Sathish R IRN15EC145 Shree Harsha IRN15EC162 Suhas T S Guide: Ganesh Yernally	

MIC Certification
23.3.19

2 Department: CSE ✓

Sl.No	Title ; Students ; Guide	Expert Panel
1	<p>Interface To Connect NGOs And Volunteers</p> <p>IRN15CS013 Aishwarya S R IRN15CS025 Aparna H R IRN15CS035 Bhargavi N A IRN15CS044 Gouthami S</p> <p>Guide - Dr. G T Raju</p>	<p>Principal: Dr. M K Venkatesha</p> <p>HoD: Dr. G T Raju</p> <p>Subject Experts/Senior Professors / Industry Expert:</p> <p>Mrs.M J Sudhamani Dr. H R Shashidhara Dr. Girijamma Mr. Shreyas Hegde Technical Analyst, British Telecom, Bengaluru</p>
2	<p>IoT Based Over speeding and Fog Accidents Prevention System</p> <p>IRN15CS116 Thirumanyam Vaishnavi IRN15CS117 Usha B IRN15CS120 Varshini G Bhargav</p> <p>Guide - Dr. G T Raju</p>	

3 Department: ISE

Sl. No.	Title ; Students; Guide	Expert Panel
1	<p>Design and Development of an E-Voting System using Blockchain Technique</p> <p>IRN15IS064 Praveen Gowda M . S IRN15IS073 Rohan R Prabhu G IRN15IS086 Shreenidhi Bhat IRN15IS118 Vishwanatha</p> <p>Guide - Dr. M V Sudhamani</p>	<p>Principal: Dr. M K Venkatesha</p> <p>HoD: Dr. M V Sudhamani</p> <p>Subject Experts/Senior Professors / Industry Expert:</p> <p>Mr. T S Bhagavath Singh Dr. Prakasha S Mr. Sharath Chandra Intel Technology Delivery Manager, Bengaluru</p>
2	<p>Hand Gesture Recognition in Real Time Videos</p> <p>IRN15IS021 Barnita Mondal IRN15IS030 Harshini B IRN15IS034 Janhvi B Jolapara IRN15IS062 Pranitha Kumari</p> <p>Guide - Dr. M V Sudhamani</p>	

MK Venkatesha
23.3

4 Department: EIE

Sl. No.	Title; Students ; Guide	Expert Panel
1	<p>Astro tracking and digital image processing</p> <p>IRN15EI014 Jayaraj Parappa Japagal IRN15EI024 Mihir Athale IRN15EI045 Simran Bhamra</p> <p>Guide: Mr. P Manohar</p>	<p>Principal: Dr. M K Venkatesha</p> <p>HoD: Dr. Andhe Pallavi</p> <p>Subject Experts/Senior Professors / Industry Expert:</p> <p>Dr. T Sreenivasan Mr. Srikanth G N Mr. P Manohar</p>
2	<p>Brain attention controlled wheel chair</p> <p>IRN15EI004 Akanksha Singh S IRN15EI004 Ananya Pavan IRN15EI018 Kiran Nanaiah N G IRN16EI407Shivaprasad B K</p> <p>Guide: Dr. Mallikarjun H M</p>	

5 Department: EEE

Sl. No.	Title ; Students; Guide	Expert Panel
1	<p>Integration of solar & wind energy for dual power generation</p> <p>IRN15EE002 Abhishek Kothari IRN15EE012 Atul Raj IRN15EE028 Keerthana B R IRN15EE045 Sahana S. N</p> <p>Guide: Mrs. Kokila R</p>	<p>Principal: Dr. M K Venkatesha</p> <p>HoD: Dr. S Sumathi</p> <p>Subject Experts/Senior Professors / Industry Expert:</p> <p>Dr. Andhe Pallavi, HOD, EIE Mr. Mallikarjun. B Mrs. Dolly Rajdev Bosch Rexroth</p>
2	<p>Design of a hybrid electric three wheeler vehicle for the analysis of fuel efficiency</p> <p>IRN15EE001 ABHISHEK HEGDE IRN15EE003 ADARSH K IRN15EE031 A K MAHANTHA IRN15EE042 RAJESH N GOND</p> <p>Guide: Dr. Sharada Prasad N</p>	

M/K Chintanil
23.3.19
3/4

6 Department: ME

Sl. No.	Title ; Students ; Guide	Expert Panel
1	Design and Development of stationary vending Machine	Principal: Dr. M K Venkatesha HoD: Dr. T Sreenivasan Subject Experts/Senior Professors / Industry Expert: Dr. Basava kumar K G Dr. Andhe Pallavi Mrs. Dolly Rajdev Bosch Rexroth
	IRN15ME020 Akash N IRN15ME046 Chetan H C IRN15ME050 Darshan D V IRN15ME064 Harsha S Prakash Guide: Niranjan K	
2	Investigation of air flow and enhancement of cooling effect for different orientation of data centers using CFD	
	IRN15ME062 Hajjak Thilluck S D IRN15ME067 Kaushik Naik L IRN15ME069 Kaushik C IRN15ME092 Niranjan C Guide: Mahesh Kumar N	

7 Department: Civil

Sl. No.	Title ; Students	Expert Panel
1	Stabilization of black cotton soil using bitumen emulsion and glass powder as filler material	Principal: Dr. M K Venkatesha HoD: Dr. Prathap Kumar M T Subject Experts/Senior Professors / Industry Expert: Dr. T Sreenivasan Mr. Shiv Kumar B Patil Dr. Prem Swaroop Reddy Professor & HoD of Civil Engg. DBIT
	IRN15CV030 Nisarga M R IRN15CV060 Vishmitha V Shetty IRN15CV055 Varun Wali IRN15CV025 Manoj M J Guide: Pragnya V J	
2	Retrofitting of RC beams using textile reinforced mortar(TRM)	
	IRN15CV021 Lohith N R IRN15CV045 Siriwanth Kumar K IRN15CV018 Hrithik J IRN15CV040 Sachin Guide: Mahadeva M	

Regards.

Yours faithfully,

MK Venkatesha

(Dr. M K Venkatesha)
Principal

23.3.19

MK Venkatesha
PRINCIPAL 23.3
R N S Institute of Technology
Channasandra, Bengaluru - 560 099



R N SHETTY TRUST RNS INSTITUTE OF TECHNOLOGY

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Ph. : +91 80 28611880 / 1, Fax : +91 80 28611882, Email : principal@rnsit.ac.in. www.rnsit.ac.in

Estd : 2001

Ref. No. : RNSIT / 2018 / 180

Date : 31-5-18

To,
The Registrar
"Jnana Sangama"
VTU, Belagavi - 560 098

Dear Sir,

Sub: VTU Financial Assistance to UG Projects

Ref: Your office Circular Ref No: VTU/Aca/2017-18/8702 dated Jan 18, 2018

We from RNSIT, are sending the consolidated list of evaluated and shortlisted UG projects across the SEVEN disciplines at RNSIT for financial assistance from VTU. We request you to sanction the financial assistance at the earliest. The details are as under:

Department: ECE

Sl. No.	Title ; Students	Expert Panel
1	<i>GUI</i> Gesture Enabled Master Slave Robot (GEMS BOT); IRN14EC167 Varun M IRN14EC183 M Shreyas IRN14EC181 Anil Kumar Naidu IRN14EC168 Vemula Sai Naveen <i>GUI</i> Guide - Mrs Smitha M N	Principal - Dr. M K Venkatesha HOD - Dr. Vipula Singh Dr. Suresh D Dr. S V Uma
2	MIMIC: Multi-sensor data fusion Inertial Measurement Integrated Capturing; Yogesh S Bellad (IRN14EC177) Yashaswini D (IRN14EC175) Shreyas J Kumar (IRN14EC139) Guide - Dr. Archana Kulkarni	Industry Expert - Mr. Srinath Bhadram National Design Business Incubator, Govt of India

Department: CSE

Sl. No.	Title ; Students	Expert Panel
1	Location Aware Audio Tour using nRF IRN14CS063 - Nithin Mathew IRN14CS066 - Pavana A IRN14CS085 - S Megha IRN14CS098 - Shubh Mehta Guide - Mrs. S K Sampada	Principal - Dr. M K Venkatesha HOD - Dr. G T Raju Dr. H A Girijamma Mrs. S K Sampada
2	Athena : DAO For Deriving Intelligence Using Machine Level Parallelism IRN14CS043 - Kishan N IRN14CS049 - Lalith Adithya Guide - Dr. G T Raju	Industry Expert - Shreyas Hegde Technical Analyst, British Telecom, Bengaluru

MK Venkatesha
31/5

Department: I S E

Sl. No.	Title ; Students	Expert Panel
1	<p>Design and Development of Sensor Based Smart Gardening System</p> <p>Students: 1. Adithya D (1RN14IS005) 2. Akarsh J D (1RN14IS009)</p> <p>Guide - Mr. T S Bhagavath Singh</p>	<p>Principal - Dr. M K Venkatesha</p> <p>HOD - Dr. M V Sudhamani</p> <p>Mr. T S Bhagavath Singh, Mrs. Hema N</p>
2	<p>Title: Detecting the Relationship Among Objects in an Image</p> <p>Students: 1. Gautham A S (1RN14IS041) 2. K Shashank (1RN14IS046) 3. Karthik Rao (1RN14IS048) 4. Chandan Kumar K N (1RN15IS404)</p> <p>Guide - Mrs. Hema N</p>	<p>Industry Expert - Mr. Shivaraju H R Senior System Engineer Research & Development Hewlett Packard Enterprise Pvt. Ltd.</p>

Department: EIE

Sl. No.	Title; Students	Expert Panel
1	<p>Personalized Gesture Interface using machine learning</p> <p>Deepika H S (1RN14EI011) Madhusudan Shah (1RN14EI018) T V Srilakshmi (1RN14EI054)</p> <p>Guide - Dr. Andhe Pallavi</p>	<p>Principal - Dr. M K Venkatesha</p> <p>HoD Dr. Andhe Pallavi</p> <p>Mr. G N Srikanth Mr. P Manohar</p>
2	<p>Card Based Anti Piracy Screening System</p> <p>Manasa R (1RN14EI020) Arun Kumar M (1RN14EI006) Dhanush S (1RN14EI012) Sowmya K(1RN14EI042)</p> <p>Guide - Mr. Chetan G</p>	<p>Industry Expert Mr. Chetan Rajdev Head Drive & Control Academy, BOSCH-REXORTH, Bangalore</p>

Department: EEE

Sl. No.	Title ; Students	Expert Panel
1	<p>Tesla Turbine</p> <p>1RN14EE007 - Anisha Ganguly 1RN14EE012 - Arshiya C 1RN14EE017 - C.K.Keerthi 1RN14EE043 - Savitha M</p> <p>Guide - Mr. Rakesh. M. N</p>	<p>Principal - Dr. M K Venkatesha</p> <p>HoD Dr.S.Sumathi</p> <p>Dr. Dinesh M. N Assoc. Prof, EEE, RVCE</p>
2	<p>Control Surface Position Indicating System</p> <p>1RN14EE027 - MD Touseeq Ahmed Shariff 1RN14EE034 - Rajath Krishna Pai J 1RN14EE029 - Naveen S 1RN14EE048 - Shreyas J</p> <p>Guide - Mr. Supriya P</p>	<p>Dr. Andhe pallavi, Dr. Sridhar</p>

M/K Venkatesha
31/3

Department: Mechanical Engineering

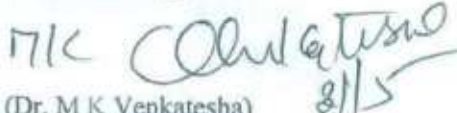
Sl. No.	Title ; Students	Expert Panel
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2	<p>Numerical Study on the Heat Transfer Enhancement of Circular Tube Bank Fin Heat Exchanger with Vortex Generators</p> <p>IRN14ME138 Shubham Singh IRN14ME142 Spandana H IRN14ME162 Venkata Krishnan K IRN14ME141 Sourav Singh</p> <p>Guide: Mahesh Kumar N</p>	<p>Dr Anand Annigeri Kulkarni, HOD, JSSATE.</p> <p>Industry Expert Mr. Chetan Rajdev Head Drive & Control Academy, BOSCH-REXORTH, Bangalore</p>

Department: Civil

Sl. No.	Title ; Students	Expert Panel
1	<p>Eco Sustainable Pervious Concrete Using Titanium Dioxide</p> <p>1RN14CV005 Akshay Kumar S 1RN14CV026 Mahesh Chandra T M 1RN14CV407 Sachin A. N 1RN14CV408 Sagar B</p> <p>Guide: Dr. M T Prathap Kumar</p>	<p>Principal – Dr. M K Venkatesha</p> <p>HOD – Dr. M T Prathap Kumar</p> <p>Dr. T Sreenivasan, Prof Mech Dr. K G Basava Kumar, Prof. Mech</p>
2	<p>Performance Evaluation of BWSSB Sewage Treatment Plants in Bangalore</p> <p>1RN14CV013 Dharshan V 1RN14CV024 Lakshmi Agrahar 1RN14CV032 Nawab Jameel Imaad 1RN14CV056 Vishal Hegde</p> <p>Guide: Ms. Rumpa Sarkhel</p>	<p>External Expert – Jairaj, NMIT</p>

Regards.

Yours faithfully,


 (Dr. M K Venkatesha) 2/1/5
 Principal

PRINCIPAL
RNS Institute of Technology,
Channasandra, Bengaluru-560 098

Revathy Vishwanath
Deputy Director
RP Division Incharge
Tel #011-26716690
E-mail: impress201819@gmail.com

Indian Council of Social Science Research
(Ministry of Human Resource Development)
JNU Institutional Area, Aruna Asaf Ali Marg
New Delhi – 110067
Website: www.icsr.org

SANCTION ORDER



Dated: 20-03-2019

F.No. IMPRESS/P3892 /129/18-19/ICSSR

The Director
RNS Institute of Technology
Channasandra, Srinivaspura
Bengaluru, Karnataka 560098

Subject: Sanction of Impactful Policy Research in Social Science (IMPRESS) Research Project entitled **"LEVERAGING POLICY MEASURES TO STRENGTHEN THE ROLE OF RURAL WOMEN IN FARM MANAGEMENT AND LAND OPERATION PRACTICES OF WOMEN FARMERS IN SOUTH INDIA"** under domain **Agriculture and Rural Development** to **Dr. Tamizharasi Durai**.

Dear Sir,

1. The Indian Council of Social Science Research (ICSSR) considered the above Impactful Policy Research in Social Science (IMPRESS) research project submitted by **Dr. Tamizharasi Durai, Dean - R & D, Department of MBA and Research Centre, RNS Institute of Technology, Channasandra, Srinivaspura, Bengaluru, Karnataka 560098**. Co-Project Directors of the study are: **Dr. U Bhojanna**, Professor and Head, **Dr. Manjunath N**, Assistant Professor.
2. The study, as proposed by the researcher, is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant-in-aid of Rs. 6,00,000/- (Rupees Six lakhs only) for the above research project and the grant will be released as follows:

First instalment	:Rs. 2,40,000/-
Second instalment	:Rs. 1,80,000/-
Third instalment	:Rs. 1,20,000/- ✓
Fourth Instalment	:Rs. 30,000/-
Publication cost*	:Rs. 30,000/-
Total	:Rs. 6,00,000/-
Overhead charges over and above 5% or maximum Rs.1,00,000	: Rs. 30,000/-**

* ICSSR would publish it subject to recommendation by the expert and relevant Committees for the purpose, from the overall budget, so to be retained by the ICSSR .

**will be released on successful completion of project after evaluation.

(The break-up budget approved by the ICSSR of Rs. 6,00,000/- is enclosed.)

4. The **First** installment of the approved grant-in-aid will be released after receiving the grant-in-aid bill duly filled in, stamped and signed by the Project Director as well as the affiliating organization. **(GIB already received)**.
5. In case, the study involves survey research, the finalized schedules/questionnaires (2 copies) designed to elicit information should be sent to the ICSSR as per the following schedule:

Revathy Vishwanath



About RNSIT

RNS Shetty Institute of Technology, established in the year 2001, is the brain child of the chairman Dr. R.N.Shetty, a noted industrialist, entrepreneur and philanthropist. A number of educational institutions are run by R.N.Shetty Trust, with RNSIT being one amongst them. RNSIT imparts high quality education in engineering, management and computer applications to nourish and produce the best of engineering talents in the country.

RNSIT offers 7 undergraduate, 7 post graduate programs and has 6 research centres. RNSIT is rated by the public as one of the best colleges in Bangalore and is very popular among the student community as the best teaching institute.

RNSIT organizes International and National level conferences, workshops and seminars on frontier areas of science, technology and business management, regularly for the benefit of faculty researchers, students and industrialists.



RNS Institute of Technology

(AICTE Approved, VTU Affiliated and NAAC Accredited)
Dr. Mahanandhan Road, Channarayana, RR Nagar, Bengaluru - 560 088
Karnataka, India

C³ 2017

December 15-16, 2017



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Estd : 2001

Ref. No. : RNSIT / 2018 / 180

Date : 31-5-18

To,
The Registrar
"Jnana Sangama"
VTU, Belagavi - 560 098

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Ref: Your office Circular Ref No: VTU/Aca/2017-18/8702 dated Jan 18, 2018

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2	MIMIC: Multi-sensor data fusion Inertial Measurement Integrated Capturing; Yogesh S Bellad (IRN14EC177) Yashaswini D (IRN14EC175) Shreyas J Kumar (IRN14EC139) Guide - Dr. Archana Kulkarni	Industry Expert - Mr. Srinath Bhadram National Design Business Incubator, Govt of India

Department: CSE

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MK Venkatesha
31/5

Department: I S E

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M/K Venkatesha
31/3

Department: Mechanical Engineering

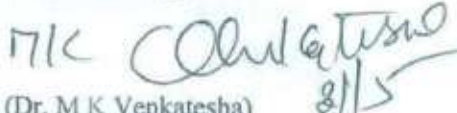
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Department: Civil

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2	<p>Performance Evaluation of BWSSB Sewage Treatment Plants in Bangalore</p> <p>1RN14CV013 Dharshan V 1RN14CV024 Lakshmi Agrahar 1RN14CV032 Nawab Jameel Imaad 1RN14CV056 Vishal Hegde</p> <p>Guide: Ms. Rumpa Sarkhel</p>	<p>External Expert – Jairaj, NMIT</p>

Regards.

Yours faithfully,


 (Dr. M K Venkatesha) 2/1/5
 Principal

PRINCIPAL
RNS Institute of Technology,
Channasandra, Bengaluru-560 098



R N SHETTY TRUST RNS INSTITUTE OF TECHNOLOGY

(AICTE Approved and VTU Affiliated)

Channasandra, Uttarahalli - Kengeri Main Road, Rajarajeshwari Nagar Post, Bengaluru - 560 098.
Ph. : +91 80 28611880 / 1, Fax : +91 80 28611882, Email : principal@rnsit.ac.in. www.rnsit.ac.in

Estd : 2001

Ref. No. : RNSIT / 2018 / 180

Date : 31-5-18

To,
The Registrar
"Jnana Sangama"
VTU, Belagavi - 560 098

Dear Sir,

Sub: VTU Financial Assistance to UG Projects

Ref: Your office Circular Ref No: VTU/Aca/2017-18/8702 dated Jan 18, 2018

We from RNSIT, are sending the consolidated list of evaluated and shortlisted UG projects across the SEVEN disciplines at RNSIT for financial assistance from VTU. We request you to sanction the financial assistance at the earliest. The details are as under:

Department: ECE

Sl. No.	Title ; Students	Expert Panel
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2	MIMIC: Multi-sensor data fusion Inertial Measurement Integrated Capturing; Yogesh S Bellad (IRN14EC177) Yashaswini D (IRN14EC175) Shreyas J Kumar (IRN14EC139) Guide - Dr. Archana Kulkarni	Industry Expert - Mr. Srinath Bhadram National Design Business Incubator, Govt of India

Department: CSE

Sl. No.	Title ; Students	Expert Panel
1	Location Aware Audio Tour using nRF IRN14CS063 - Nithin Mathew IRN14CS066 - Pavana A IRN14CS085 - S Megha IRN14CS098 - Shubh Mehta Guide - Mrs. S K Sampada	Principal - Dr. M K Venkatesha HOD - Dr. G T Raju Dr. H A Girijamma Mrs. S K Sampada
2	Athena : DAO For Deriving Intelligence Using Machine Level Parallelism IRN14CS043 - Kishan N IRN14CS049 - Lalith Adithya Guide - Dr. G T Raju	Industry Expert - Shreyas Hegde Technical Analyst, British Telecom, Bengaluru

MK Venkatesha
31/5

Department: I S E

Sl. No.	Title ; Students	Expert Panel
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2	<p>Title: Detecting the Relationship Among Objects in an Image</p> <p>Students: 1. Gautham A S (1RN14IS041) 2. K Shashank (1RN14IS046) 3. Karthik Rao (1RN14IS048) 4. Chandan Kumar K N (1RN15IS404)</p> <p>Guide - Mrs. Hema N</p>	<p>Industry Expert – Mr. Shivaraju H R Senior System Engineer Research & Development Hewlett Packard Enterprise Pvt. Ltd.</p>

Department: EIE

Sl. No.	Title; Students	Expert Panel
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2	<p>Card Based Anti Piracy Screening System</p> <p>Manasa R (1RN14EI020) Arun Kumar M (1RN14EI006) Dhanush S (1RN14EI012) Sowmya K(1RN14EI042)</p> <p>Guide - Mr. Chetan G</p>	<p>Industry Expert Mr. Chetan Rajdev Head Drive & Control Academy, BOSCH-REXORTH, Bangalore</p>

Department: EEE

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2	<p>Control Surface Position Indicating System</p> <p>1RN14EE027 – MD Touseeq Ahmed Shariff 1RN14EE034 – Rajath Krishna Pai J 1RN14EE029 – Naveen S 1RN14EE048 - Shreyas J</p> <p>Guide - Mr. Supriya P</p>	<p>Dr. Andhe pallavi, Dr. Sridhar</p>

M/K Venkatesha
31/3

Department: Mechanical Engineering

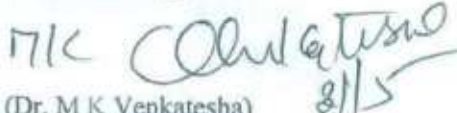
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Regards.

Yours faithfully,


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 Principal

PRINCIPAL
 RNS Institute of Technology,
 Channasandra, Bengaluru-560 098

Tele : 011-2300 7322
Fax : 011-2301 6640
E-mail : drdooft@hqr.drdo.in

NRB/4003/PG/339
DRDO HQ
Naval Research Board
3rd Floor
DRDO Bhawan, Rajaji Marg
New Delhi – 110 011

5 Jan 15

The Registrar
Jain University, Jain Global Campus
Jakkasandra Post, Kanakapura Taluk,
Ramanagara Dist., Karnataka – 562112

SANCTION OF PROJECT UNDER NAVAL RESEARCH BOARD (NRB)

1. Under the powers vested in the NRB vide Government of India, Ministry of Defence letter No.DNRD/0100/NRB/4179/D (R&D) dated 20 Aug 96, amended from time to time and in terms of powers delegated vide Sl. No. 3.1 of GOI, MOD letter no. DRDO/DEFA/FA/S3226/M/01/2031/D (R&D) dated 30 July 2010, I am directed to convey the sanction of the Board for the following project:-

Title "Evaluation & Optimization of Machinability and Surface Characteristics of Al-Si-Cu alloys for Naval Applications"

Project No NRB-339/MAT/14-15

PI Dr. K. G. Basava Kumar, Professor
Dept. of Centre for Emerging Technologies
Jain University, Jain Global Campus
Jakkasandra Post, Kanakapura Taluk,
Ramanagara Dist., Karnataka – 562112

2. **Cost and duration of the project** :- Total budget for the project is ₹.21,60,850/- (Rupees Twenty one lakhs sixty thousand eight hundred fifty only) for 03 years duration. The breakup of fund for various activities of the project is as given below: -

(Cost in ₹. Lakhs)

Head	1 st Year	2 nd Year	3 rd Year	Total
Research Staff	1,68,000/-	1,68,000/-	1,68,000/-	5,04,000/-
Specific Equipment	10,00,000/-	NIL	NIL	10,00,000/-
Consumable Stores	50,000/-	50,000/-	50,000/-	1,50,000/-
Contingencies	25,000/-	25,000/-	25,000/-	75,000/-
Travel (TADA)	50,000/-	50,000/-	50,000/-	1,50,000/-
Sub Total	12,93,000/-	2,93,000/-	2,93,000/-	18,79,000/-
Institute Overhead	1,93,950/-	43,950/-	43,950/-	2,81,850/-
Grand Total	14,86,950/-	3,36,950/-	3,36,950/-	21,60,850/-

Contd....2/-



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Estd : 2001

Ref. No. : RNSIT / 2018 / 180

Date : 31-5-18

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M/K Venkatesha
31/3

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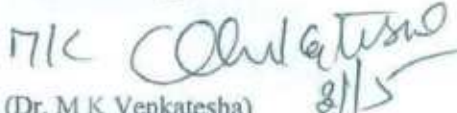
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Regards.

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PRINCIPAL
RNS Institute of Technology,
Channasandra, Bengaluru-560 098



Revathy Vishwanath
Assistant Director I/c (RP)
☎ 26716690

Indian Council of Social Science Research
(Ministry of Human Resource Development)
Aruna Asaf Ali Marg, New Delhi – 110067
EPABX: 26741849-51 Fax: 91-11-26741836
rpr@icssr.org

F.No. 02/394/2016-17/RP

Dated: 30.03.2017

The Principal
RNS Institute of Technology,
Channasandra, Uttarahalli-Kengeri Main Road,
Rajarajeshwari Nagar Post,
Bangalore-560098

Subject: Sanction of Minor Research Project entitled "Leveraging Policy Measures for Securing Lives of Abused and Neglected Senior Citizens-Diagnostic Study Exploring Perspectives of Women Citizens in Rural Bengaluru to Dr. U Bhojanna".

Dear Sir,

The Indian Council of Social Science Research (ICSSR) considered the above research project submitted by Dr. U. Bhojanna, HOD, Department of MBA, RNS Institute of Technology, Channasandra, Uttarahalli-Kengeri Main Road, Rajarajeshwari Nagar Post, Bangalore-560098.

2. The Study, as proposed by the researcher/(s), is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant-in-aid of Rs. 1,75,000/- (Rupees one lakh seventy five thousand only) for the above research project and the grant will be released as follows:

First installment:	Rs.	70,000/-
Second installment:	Rs.	70,000/-
Final installment:	Rs.	35,000/-
Total	Rs.	1,75,000/-

* The break-up budget approved by the ICSSR of Rs. 1.75 Lakh is enclosed.

Revathy v

Cont'd...2/-



Revathy Vishwanath
Assistant Director I/c (RP)
☎ 26716690

Indian Council of Social Science Research
(Ministry of Human Resource Development)
Aruna Asaf Ali Marg, New Delhi – 110067
EPABX: 26741849-51 Fax: 91-11-26741836
rpr@icssr.org

F.No. 02/397/2016-17/RP

Dated: 30.03.2017

The Principal
RNS Institute of Technology,
Channasandra, Uttarahalli-Kengeri Main Road,
Rajarajeshwari Nagar Post,
Bangalore-560098

Subject: Sanction of Minor Research Project entitled "Effect of Women Empowerment in Corporate Sector of India to Dr. Tamizharasi D jointly with Dr. U Bhojanna and Dr. Sathya Swaroopa Boyina".

Dear Sir,

The Indian Council of Social Science Research (ICSSR) considered the above research project submitted by Dr. Tamizharasi D, Dean-R&D, Dr. U Bhojanna, Head and Dr. Sathya Swaroopa Boyina, Assistant Professor, Department of MBA and Research Centre, RNS Institute of Technology, Channasandra, Uttarahalli-Kengeri Main Road, Rajarajeshwari Nagar Post, Bangalore-560098.

2. The Study, as proposed by the researcher/(s), is to be located at and financially administered by your institution as per the guidelines of this award.
3. The ICSSR has sanctioned a grant-in-aid of Rs. 1,50,000/- (Rupees one lakh fifty thousand only) for the above research project and the grant will be released as follows:

First installment:	Rs.	60,000/-
Second installment:	Rs.	60,000/-
Final installment:	Rs.	30,000/-
Total	Rs.	1,50,000/-

* The break-up budget approved by the ICSSR of Rs. 1.50 Lakh is enclosed.

Revathy ✓

Cont'd...2/-