## THE RURAL COLLEGE, KANAKAPURA

**RAMANAGARA DISTRICT-562117** 

## **DEPARTMENT OF PHYSICS**





## PHYSICS DEPARTMENT PROFILE

• Date of establishment: 1955

• Built-up area: About 200sq.m

• No. of teaching post sanctioned: 06

• Present teaching staff: 03

• Teacher – student ratio: 1:65

• No of Physics & Electronics Books: 4080

• Publications by Faculty: 03

#### **DETAILS OF STAFF MEMBERS**

| Name of the                               | Designation     | Qualification | Specialisation      |
|---|-----------------|---------------|---------------------|
| Teaching                                  |                 |               |                     |
| Staff                                     |                 |               |                     |
| Sri. Nanjundaiah, Retired                 | Associate Prof. | M.Sc          | Solid State Physics |
| on 30 <sup>th</sup> September 2022        |                 |               |                     |
| Sri. M.T.Balakrishna                      | Associate Prof. | M.Sc M.Phil   | Nuclear Physics     |
| Sri.Krishna H. Fattepur,                  | Associate Prof. | M.Sc          | Solid State Physics |
| Transfer on deputation on 5 <sup>th</sup> |                 |               |                     |
| February 2020                             |                 |               |                     |
| Kum. Manisha.S                            | Assistant Prof. | M.Sc          | Nuclear Physics     |
| Andani                                    | Lab. Assistant  | PUC           |                     |

## **Academic Details**

| 11044011110 Details |                         |  |  |  |
|---------------------|-------------------------|--|--|--|
| Name                | M. T. Balakrishna       |  |  |  |
| Teaching experience | 33 Years                |  |  |  |
| Publications        | 03                      |  |  |  |
| Organisational      | BOE in 2019-20, 2020-21 |  |  |  |
| Members             | BOS in 2019-20, 2021-22 |  |  |  |

## **Publications**

### Paper 1

Title: International Journal of Hit Transaction on ECCN

**Author**: M.T.Balakrishna

**Journal**: The contradictions of sustainable urban development. Volume No. 12, Issue: 2A (1), October 2019-March 2020, Page:

72-76

#### Paper 2

Title: Arts, Science and Humanities

Author: M.T.Balakrishna

**Journal**: An analysis on enrolment in senior secondary and higher education in India. Volume: 7, Special issue 2, March 2020 Page

no: 107-104

#### Paper 3

**Title:** International Journal of Research in Economics and Social Science (IJRESS)

Author: M.T.Balakrishna

**Journal**: Recent trends in mobile banking science with special reference to internet of things (IOT) in Mysore City. Volume No: 11, 5 May 2021, Page No: 207-217

| Name                | Nanjundaiah                                   |
|---------------------|---|
| Teaching experience | 33 Years                                      |
| Organisational      | BOE member 2017-18, 2018-19, 2019-20, 2020-21 |
| Members             | BOS member 2019-20,2020-21, 2021-22           |
| Publication         | Nil   |

# GENDER PROFILE OF STUDENTS FOR THE YEAR 2017-18

| Class                | Boys | Girls | Total |
|----------------------|------|-------|-------|
| B.SC 1<br>(PCM+PMCs) | 10   | 51    | 61    |
| B.Sc 2<br>(PCM+PMCs) | 23   | 37    | 60    |
| B.Sc 3 (PCM+PMCs)    | 03   | 18    | 21    |

# GENDER PROFILE OF STUDENTS FOR THE YEAR 2018-19

| Class                | Boys | Girls | Total |
|----------------------|------|-------|-------|
| B.SC 1<br>(PCM+PMCs) | 27   | 56    | 83    |
| B.Sc 2<br>(PCM+PMCs) | 09   | 48    | 57    |
| B.Sc 3<br>(PCM+PMCs) | 19   | 36    | 55    |

#### GENDER PROFILE OF STUDENTS FOR THE YEAR 2019-20

| Class                | Boys | Girls | Total |
|----------------------|------|-------|-------|
| B.Sc 1<br>(PCM+PMCs) | 23   | 42    | 65    |
| B.Sc 2<br>(PCM+PMCs) | 23   | 51    | 74    |
| B.Sc 3<br>(PCM+PMCs) | 11   | 45    | 56    |

#### GENDER PROFILE OF STUDENTS FOR THE YEAR 2020-21

| Class             | Boys | Girls | Total |
|-------------------|------|-------|-------|
| B.SC 1 (PCM+PMCs) | 23   | 35    | 58    |

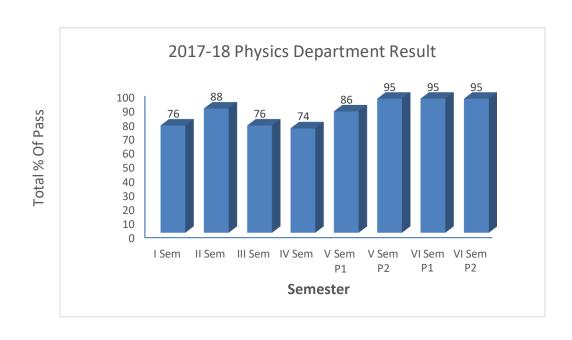
| B.Sc 2 (PCM+PMCs) | 18 | 40 | 58 |
|-------------------|----|----|----|
| B.Sc 3 (PCM+PMCs) | 22 | 49 | 71 |

## PHYSICS BOOKS PURCHASED BY OUR COLLEGE LIBRARY

| 2017-18 2018-19 |     |               | 2019-20 |    |       |         |    |               |
|-----------------|-----|---------------|---------|----|-------|---------|----|---------------|
| Fund<br>Source  |     | Amount in Rs. |         |    |       |         |    | Amount in Rs. |
| College         | Nil | Nil           | College | 20 | 5,168 | College | 29 | 8,062         |

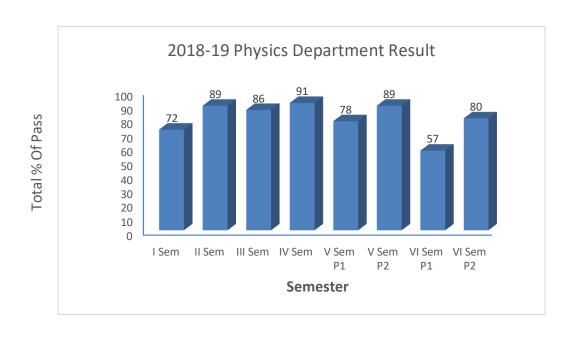
#### **RESULT FOR THE YEAR 2017-18**

| CLASS  | SEMESTER  | PAPER | NO OF    | FIRST | SECOND | PASS  | FAILED | Total % Of |
|--------|-----------|-------|----------|-------|--------|-------|--------|------------|
|        |           |       | STUDENTS | CLASS | CLASS  | CLASS |        | Pass       |
|        |           |       | APPEARED |       |        |       |        |            |
|        |           |       | FOR EXAM |       |        |       |        |            |
| B.Sc 1 | I Sem     | 01    | 59       | 45    | -      | -     | 14     | 76         |
|        | II Sem    | 02    | 58       | 51    | -      | -     | 07     | 88         |
| B.Sc 2 | III Sem   | 03    | 59       | 45    | 01     | -     | 13     | 76         |
|        | IV Sem    | 04    | 58       | 43    | -      | -     | 15     | 74         |
| B.Sc 3 | V Sem P1  | 05    | 21       | 18    | -      | -     | 03     | 86         |
|        | V Sem P2  | 06    | 21       | 20    | -      | -     | 01     | 95         |
|        | VI Sem P1 | 07    | 21       | 20    | -      | -     | 01     | 95         |
|        | VI Sem P2 | 08    | 21       | 20    | -      | -     | 01     | 95         |



### **RESULT FOR THE YEAR 2018-19**

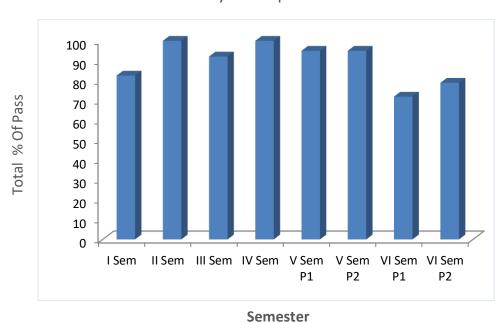
| CLASS  | SEMESTER  | PAPER | NO OF    | FIRST | SECOND | PASS  | FAILED | Total % Of |
|--------|-----------|-------|----------|-------|--------|-------|--------|------------|
|        |           |       | STUDENTS | CLASS | CLASS  | CLASS |        | Pass       |
|        |           |       | APPEARED |       |        |       |        |            |
|        |           |       | FOR EXAM |       |        |       |        |            |
| B.Sc 1 | I Sem     | 01    | 83       | 57    | 03     | -     | 23     | 72         |
|        | II Sem    | 02    | 80       | 63    | 07     | 01    | 09     | 89         |
| B.Sc 2 | III Sem   | 03    | 56       | 48    | -      | -     | 08     | 86         |
|        | IV Sem    | 04    | 57       | 51    | 01     | -     | 05     | 91         |
| B.Sc 3 | V Sem P1  | 05    | 55       | 43    | -      | -     | 12     | 78         |
|        | V Sem P2  | 06    | 55       | 49    | -      | -     | 06     | 89         |
|        | VI Sem P1 | 07    | 54       | 31    | -      | -     | 23     | 57         |
|        | VI Sem P2 | 08    | 54       | 43    | -      | -     | 11     | 80         |



## RESULT FOR THE YEAR 2019-20

| CLASS  | SEMESTER  | PAPER | NO OF    | FIRST | SECOND | PASS  | FAILED | Total % Of |
|--------|-----------|-------|----------|-------|--------|-------|--------|------------|
|        |           |       | STUDENTS | CLASS | CLASS  | CLASS |        | Pass       |
|        |           |       | APPEARED |       |        |       |        |            |
|        |           |       | FOR EXAM |       |        |       |        |            |
| B.Sc 1 | I Sem     | 01    | 63       | 42    | 7      | 3     | 11     | 82.5       |
|        | II Sem    | 02    | 62       | 62    | -      | -     | 0      | 100        |
| B.Sc 2 | III Sem   | 03    | 76       | 60    | 8      | 2     | 6      | 92.1       |
|        | IV Sem    | 04    | 74       | 74    | -      | -     | 0      | 100        |
| B.Sc 3 | V Sem P1  | 05    | 57       | 54    | -      | -     | 03     | 95         |
|        | V Sem P2  | 06    | 57       | 52    | -      | -     | 05     | 91         |
|        | VI Sem P1 | 07    | 57       | 37    | 4      | -     | 16     | 71.9       |
|        | VI Sem P2 | 08    | 57       | 43    | 2      | -     | 12     | 78.9       |

2019-20 Physics Department Result



## RESULT FOR THE YEAR 2020-21

| CLASS  | SEMESTER  | PAPER | NO OF    | FIRST | SECOND | PASS  | FAILED | Total % Of |
|--------|-----------|-------|----------|-------|--------|-------|--------|------------|
|        |           |       | STUDENTS | CLASS | CLASS  | CLASS |        | Pass       |
|        |           |       | APPEARED |       |        |       |        |            |
|        |           |       | FOR EXAM |       |        |       |        |            |
| B.Sc 1 | I Sem     | 01    |          |       |        |       |        |            |
|        | II Sem    | 02    | 58       | 58    | -      | -     | -      | 100        |
| B.Sc 2 | III Sem   | 03    |          |       |        |       |        |            |
|        | IV Sem    | 04    | 58       | 58    | -      | -     | -      | 100        |
| B.Sc 3 | V Sem P1  | 05    | 57       | 54    | -      | -     | 03     | 95         |
|        | V Sem P2  | 06    | 57       | 52    | -      | -     | 05     | 91         |
|        | VI Sem P1 | 07    | 71       | 62    | 02     | -     | 06     | 91.5       |
|        | VI Sem P2 | 08    | 71       | 61    | 03     | -     | 07     | 90.1       |

## LIST OF APPARATUS

| S.No | <b>EQUIPMENTS</b>           | QUANTITY |
|------|-----------------------------|----------|
| 01   | 3MHz Signal Generator-MSG3M | 03       |
| 02   | 70 MHz DSO-D37070A          | 02       |
| 03   | DC Power Supply-TD3202M     | 03       |

| 04 | DMM- VC97   | 04 |
|----|---|----|
| 05 | Atwood Machine  | 01 |
| 06 | Law of Conservation of Energy                                       | 02 |
| 07 | Free Fall Expt Set-Up   | 02 |
| 08 | Digital Travelling Microscope                                       | 01 |
| 09 | E/M Thomson's Method  | 01 |
| 10 | Digital Vernier Calipers  | 01 |
| 11 | Photo Tube Characteristics and Plank's constant Expt Set-up PHO 501 | 01 |
| 12 | Newton's rings Expt Set-up with bottom portion                      | 01 |
| 13 | Digital Stop Clock DSC 201  | 01 |
| 14 | Digital Thermometer   | 01 |
| 15 | Semiconductor diode laser with heavy base and white screen, grating | 01 |
|    | stand and power supply  |    |
| 16 | Cathode Ray Oscilloscope  | 04 |
| 17 | Transistorised Power Supply   | 04 |
| 18 | G M Counter   | 02 |
| 19 | Dual Channel DC Source  | 04 |
| 20 | Oscillators   | 08 |
| 21 | Function Generator FC 100, FC 200                                   | 02 |
| 22 | Spectrometers   | 04 |
| 23 | Inductance and Capacitance Boxes (6-Dials)                          | 06 |
| 24 | Bi-Prism Apparatus  | 01 |

| 25 | UPS                            | 01 |
|----|--------------------------------|----|
| 26 | Thermo Couple Analyser         | 01 |
| 27 | Photoelectric Apparatus        | 01 |
| 28 | Multi-meters [MOTWANE]         | 02 |
| 29 | Digital Multi-meters           | 07 |
| 30 | LCD Projector with Smart Board | 01 |
| 31 | Microscopes                    | 03 |
| 32 | Op-Amp Kit                     | 01 |
| 33 | BH-Curve                       | 01 |
| 34 | Digital IC Trainer Kit         | 02 |
| 35 | Digital Screw Gauge            | 01 |

#### **BEST PRACTISE**

- 1) *Laboratory manuals* are prepared after thorough debate to ensure appropriate and uniform procedures
- 2) *Question bank* is prepared to ensure good pass percentage in university examinations.
- 3) *Additional Lab sessions* for absentees for various reasons
- 4) *Remedial classes* are arranged for the slow and academically weak learners.
- 5) *Financial assistance* to the economically backward students by the staff members for fees payment and books purchase
- 6) Cash Prize Awarded

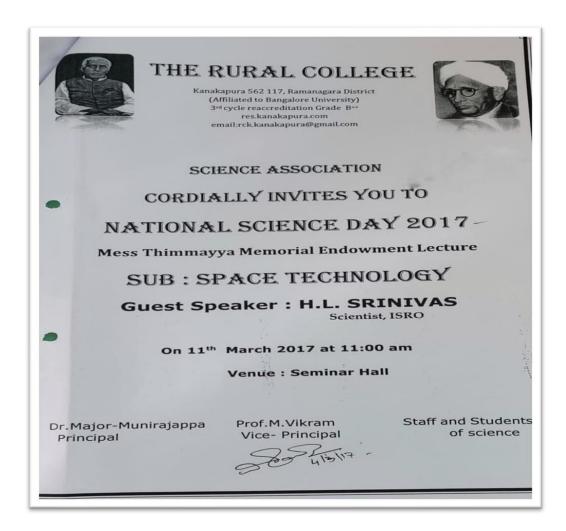
1st Place Rs. 1000

2<sup>nd</sup> Place Rs. 500

## **DEPARTMENT ACTIVITIES 2017**

#### **NATIONAL SCIENCE DAY - 2017**

From the department of Physics Rural college Kanakapura organized a National Science Day in the topic of "Space Technology" on 11<sup>th</sup> March 2017 from 11:00 AM onwards in seminar hall.



The guest speaker was hearty welcomed by Principal Dr.Major Munirajappa and Vice-principal Prof.M.Vikaram and Head of the Department prof.Nanjundaiah sir in the presence of prof.M.T.Balakrishna and Science lecturer's.

The Guest **H.L.Srinivas**, Scientist at ISRO.

He explained the activities and satellite models and working lab. The students were able to witness and were inspired much. Seminar focuses on technology for use in space, astronautics and other activities beyond earth's atmosphere. Also discussed about invention, new technology, research and this will help us to gain knowledge about space, advantages and disadvantage of space technologies. All the BSc PCM and PMCs students are actively participated and show their participation by asking their doubts.

In view of this our department were organized the events which students are actively participated. The winners are awarded a cash prize.

|         | ous Competitions held on 2<br>or Point Presentation: | 22/2/2017          |                          |                      |
|---------|--|--------------------|--------------------------|----------------------|
| S.No    | Student Name   | Class &<br>Section | Prize Amoui              | Signature of Student |
| 1       | Swaxoop 5.4  | DIB-SC<br>PCM      | 300/=                    | Carop 4.4            |
| 2       | Hemalatha K  | TITE-SC<br>PCM     | 200/=                    | Hemana THO K         |
| 3       | Akshatha   | IB:Sc<br>CBZ       | 100/=                    | Aushathan            |
| Lecture | Competition:   |                    |                          |                      |
| S.No    | Student Name   | Class &<br>Section | Prize Amount             | Signature of Student |
| 1       | Suchitar KM.   | II B.A<br>HEG      | 300/=                    | Sudi Hora. KA        |
| 2       | Sneha G  | IT B.S.C<br>PCM    | 200/=                    | Bucho. eq            |
| 3       | Bhaggashree  | II BSC<br>CBZ      | 100/=                    | Theographese         |
| ster Pr | esentation:  |                    |                          | "                    |
| Jo      | Student Name   | Class &<br>Section | Prize<br>Amount<br>in Rs | Signature of Student |
| 7       | Aspitha A  | PCM                | 300/=                    | Airpitera. a         |
| -       | Swaroop S.G.   | III B. Sc<br>PCM   | 200/=                    | Swaroop \$4          |
| 1       | linutha s.   | III B. Sc<br>PCM   | 100/=                    | Vinothe S            |

As per the feedback received from the students it was very good learning experiences.

#### DEPARTMENT GUEST LECTURE PROGRAMME & EDUCATION TOUR

On 14<sup>th</sup> March 2017 ISRO Scientist **Dr.Srinivasa** was invited to our institution. He explained various activities of ISRO, Blueprint and its contribution to the development of India.

He helped our students to visit ISRO, Bangalore on 21<sup>st</sup> March 2017. He explained the activities and satellite models and working lab. The students were able to witness and were inspired much



#### SPECIAL LECTURE PROGRAMME ON CANCER CELLS

On 13 September 2017 the Dept. of Physics organized special lecture programme regarding Drug preparation, particularly related to Cancer. Eminent scientist **Dr.D.S.Seetharam Jois**, Munro University, USA, gave a lecture, later participated in the interactive session with the students and staff. He elaborately explained how affected cancer cells respond to any new molecule.



## **DEPARTMENT ACTIVITIES - 2018**

#### **NATIONAL SCIENCE DAY – 2018**

Department of Physics Rural College Kanakapura organized a <u>Science Day Celebration</u> on 28February 2018 from 11:00 AM onwards in seminar hall.

Head of the department **Prof.Nanjundaiah** gave a brief introduction on the importance of National Science Day and theme about "Science And Technology For Sustainable Future".

**Prof.M.T.Balakrishna** has given talk on "Raman Effect And Its Importance".

Students are actively participated and show their participation by asking the doubt

|       |   |  |  | 28-  | -02-2018   |
|-------|---|--|--|--|--|
| ro,   | rincipal  |  |  |  |  |
| Rural | College   |  |  |  |  |
| Kana  | kapura  | G,   |  |  |  |
|       |   |  |  |  |  |
| ir,   |   |  |  |  |  |
|       | Sub   | : Science day ce   |  |  |  |
|       |   |  | de de de de de   | I would like   | to bring your  |
|       | With re   | eference to the about  | re cited subject,  | celebrated   | The National   |
| otice | that a  | dl the science Dep   | artments jointly   |  |  |
|       |   | with the following e   |  |  |  |
| 1     | Prof N  | Janjundaiah gave a   | brief introduct  | tion on the in   | mportance of   |
|       | Nation:   | Janjundaiah gave a<br>al Science Day ar  | d theme "Scie  | ence and te  | chnology for   |
|       | sustain   | able future".  |  |  |  |
|       |   |  |  |  | e and ite  |
| 2.    | Prof.M.   | T.Balakrishna has  | given talk o   | n Raman ei   | iect and its   |
|       | import  | ance.  |  |  |  |
|       |   |  |  | acment w   | inners   |
| 3.    | Essay   | competition: wate  | Class & Section  | n Prize  | Signature of   |
|       | Sl.No.  | Student Name   | Class & Section  | Amount   | the student  |
| -     | -   | 17: 11 D W   | 3rd B.Sc/PCM   | 500./-   | Widya B.K  |
| -     | 2.  | Vidhya B.K<br>Sushma H B   | 2nd B.Com/C  | Sa4001-  | Sushmo H.A   |
|       | <i>a</i> .  |  |  |  |  |
|       | 2   | Mothravathi S  | 2nd B.Sc/CBZ   | 250-1-   | Netaravathis   |
| L     | 3.  | Nethravathi S  | 2 <sup>nd</sup> B.Sc/CBZ<br>kitha B.I. 1 <sup>st</sup> B.Sc  | /PCM 250/-   | Metaravathis.  |
|       | Conso   |  | with a D T 1st B Sc  | /PCM 250/-   | LEKLITHIA.B. O   |
| L     | 3.<br>Conso   |  | with a D T 1st B Sc  | /PCM 250/-   | rikhitha.B.O.<br>Rukmini.R.  |
| 4.    | Conso   |  | with a D T 1st B Sc  | PCM 250/-  | Rukmini . R.   |
| 4.    | Conso   | lation prizes : 1) Lil<br>2) Ru  | kitha B.J, 1 <sup>st</sup> B.Sc<br>ikmini R, 1 <sup>st</sup> B.Sc  | Prize  | Rukmini . R  |
| 4.    | Conso   | lation prizes : 1) Lil<br>2) Ru<br>e competition :   | citha B.J, 1 <sup>st</sup> B.Sc<br>ikmini R, 1 <sup>st</sup> B.Sc<br>Class &<br>Section  | Prize Amount   | Signature of the student   |
| 4.    | Conso   | lation prizes : 1) Lil<br>2) Ru<br>e competition :   | class & Section 3 <sup>rd</sup> B.Sc/CBZ   | Prize Amount Sop/  | Signature of the student   |
| 4.    | Lectur<br>Sl.No.                                      | lation prizes : 1) Lil 2) Ri e competition : Student Name Bhagyashree Likhitha B.J.  | citha B.J., 1st B.Scikmini R, 1st B.Scikmini B.Sc | Prize Amount   | Signature of the student   |
| 4.    | Lectur<br>Sl.No.                                      | e competition :  Student Name  Bhagyashree   | Class & Section 3rd B.Sc/CBZ 1st B.Sc/PCM 3rd 3rd  | Prize<br>Amount<br>500/-   | Signature of the student   |
| 4.    | Lectur<br>Sl.No.                                      | lation prizes : 1) Lil 2) Ri e competition : Student Name Bhagyashree Likhitha B.J.  | citha B.J., 1st B.Scikmini R, 1st B.Scikmini B.Sc | Prize Amount Sop/  | Signature of the student   |
|       | Lectur<br>Sl.No.<br>1.<br>2.<br>3.                    | lation prizes : 1) Lii 2) Ri 2) Ri e competition : Student Name Bhagyashree Likhitha B.J. Vidya B.K  | citha B.J., 1st B.Sc<br>lkmini R, 1st B.Sc<br>Class &<br>Section<br>3rd B.Sc/CBZ<br>1st B.Sc/PCM<br>3rd<br>B.Sc/PCM  | Prize<br>Amount<br>500/-   | Signature of the student   |
|       | Lectur<br>Sl.No.<br>1.<br>2.<br>3.                    | Dation prizes: 1) Lii 2) Ri 2) Ri 2) Ec competition: Student Name Bhagyashree Likhitha B.J. Vidya B.K  Point Presentation  | Class & Section 3rd B.Sc/PCM B.Sc/PCM  | Prize Amount 500/- 400/- 250/-   | Signature of the student  Likhutha B  Widya B K  |
|       | Lectur<br>Sl.No.<br>1.<br>2.<br>3.                    | lation prizes : 1) Lii 2) Ri 2) Ri e competition : Student Name Bhagyashree Likhitha B.J. Vidya B.K  | Class & Section 3rd B.Sc/CBZ 1st B.Sc/PCM 3rd B.Sc/PCM 3rd 1st Class &   | Prize Amount 500/- 250/- Prize Prize                                     | Signature of the student  Likhutha B  Vidya B K  |
|       | Lectur<br>Sl.No.<br>1.<br>2.<br>3.                    | e competition :  Student Name  Bhagyashree Likhitha B.J. Vidya B.K  Point Presentation  Student Name   | Class & Section  3rd B.Sc/CBZ  1st B.Sc/PCM  3rd B.Sc/PCM  3rd B.Sc/PCM  3rd B.Sc/PCM  3rd B.Sc/PCM  | Prize Amount 250/- Prize Amount 250/- Prize Amount                       | Signature of the student  Likhutha B  Widya B K  |
|       | Lectur<br>Sl.No.<br>1.<br>2.<br>3.<br>Power<br>Sl.No. | Dation prizes: 1) Lii 2) Ri 2) Ri e competition: Student Name Bhagyashree Likhitha B.J. Vidya B.K  Point Presentation Student Name Aliya Khanum  | Class & Section  Class & Section  Class & Section  3rd B.Sc/CBZ  1st B.Sc/PCM  3rd  Class & Section  2nd B.Sc/PCM  | Prize Amount Soo/- 250/-  Prize Amount Soo/- 400/- 250/-                 | Signature of the student Sklutha B Kadya B K   |
|       | Lectur<br>Sl.No.<br>1.<br>2.<br>3.<br>Power<br>Sl.No. | e competition :  Student Name  Bhagyashree Likhitha B.J. Vidya B.K  Point Presentation Student Name  Aliya Khanum Apoorva V  | Class & Section 3rd B.Sc/CBZ 1st B.Sc/PCM 3rd B.Sc/PCM 3rd 3rd B.Sc/PCM 3rd 2nd B.Sc/PCM 3rd 3rd B.Sc/PCM 3rd 3rd B.Sc/PCM 3rd 3rd B.Sc/PCM 3rd 3rd B.Sc/PCM   | Prize Amount 500/-  Prize Amount 500/-  Prize Amount 500/-  400/-  400/- | Signature of the student  Likhutha B  Vidya B K  Signature of the student  Miga Khanum  Ahoozova V   |
|       | Lectur<br>Sl.No.<br>1.<br>2.<br>3.<br>Power<br>Sl.No. | Dation prizes: 1) Lii 2) Ri 2) Ri e competition: Student Name Bhagyashree Likhitha B.J. Vidya B.K  Point Presentation Student Name Aliya Khanum  | Class & Section  Class & Section  Class & Section  3rd B.Sc/CBZ  1st B.Sc/PCM  3rd  Class & Section  2nd B.Sc/PCM  | Prize Amount  Prize Amount  Prize Amount  Prize Amount  500/-            | Signature of the student Likhutha . E. Widya . E. K. Signature of the student . Signature of the student . Signature of the student . Signature . Sign |
| 5.    | Lectur S1.No.  1. 2. 3.  Power S1.No.  1. 2. 3.       | Dation prizes: 1) Lii 2) Ri 3) Ri 4) Ri 6) | Class & Section 3rd B.Sc/CBZ 1st B.Sc/PCM 3rd B.Sc/PCM 3rd B.Sc/PCM 2rd B.Sc/PCM 1: Class & Section 2nd B.Sc/CBZ 2nd B.Sc/CBZ  | Prize Amount 500/-  Prize Amount 500/-  400/-  250/-                     | Signature of the student Widya B K  Signature of the student Bling Khanum  |
| 5.    | Lectur S1.No.  1. 2. 3.  Power S1.No.  1. 2. 3.       | Dation prizes: 1) Lii 2) Ri 3) Ri 4) Ri 6) | Class & Section 3rd B.Sc/CBZ 1st B.Sc/PCM 3rd B.Sc/PCM 3rd 3rd B.Sc/PCM 3rd 2nd B.Sc/PCM 1: Class & Section 2nd B.Sc/CBZ 2nd B.Sc/CBZ 1st B.Sc/CBZ   | Prize Amount 500/- 400/- 250/-  Prize Amount 500/- 400/- 250/-           | Signature of the student Widya B K  Signature of the student Bling Khanum  |
| 5.    | Lectur S1.No.  1. 2. 3.  Power S1.No.  1. 2. 3.       | e competition :  Student Name  Bhagyashree Likhitha B.J. Vidya B.K  Point Presentation Student Name  Aliya Khanum Apoorva V  | Class & Section 3rd B.Sc/CBZ 1st B.Sc/PCM 3rd B.Sc/PCM 3rd 3rd B.Sc/PCM 3rd 2nd B.Sc/PCM 1: Class & Section 2nd B.Sc/CBZ 2nd B.Sc/CBZ 1st B.Sc/CBZ   | Prize Amount 500/-  Prize Amount 500/-  400/-  250/-                     | Signature of the student Widya B K  Signature of the student Bling Khanum  |
| 5.    | Lectur S1.No.  1. 2. 3.  Power S1.No.  1. 2. 3.       | Dation prizes: 1) Lii 2) Ri 3) Ri 4) Ri 6) | Class & Section 3rd B.Sc/CBZ 1st B.Sc/PCM 3rd B.Sc/PCM 3rd 3rd B.Sc/PCM 3rd 2nd B.Sc/PCM 1: Class & Section 2nd B.Sc/CBZ 2nd B.Sc/CBZ 1st B.Sc/CBZ   | Prize Amount 500/- 400/- 250/-  Prize Amount 500/- 400/- 250/-           | Signature of the student Widya B K  Signature of the student Bling Khanum  |

Our department were organized the events like essay competition, lecture competition, power-point presentation on water crisis and management. The winners are awarded a cash prize.

## MOTIVATIONAL SPEECH BY AUTHOR Prof. B. Basavraj

On 30/08/2018 Prof. B.Basavraju S.J.R.C. College and author of many Physics and Electronics books for various Science and Engineering streams participated in Seminar.

He gave inspirational talk on a) How to pursue B.Sc. Course 2) Learning Physics s through problems c) Opportunities after B.Sc. d) Life skills.







## **DEPARTMENT ACTIVITIES - 2019**

#### **JOB FAIR**

The department of Physics on 24<sup>th</sup> April 2019 invited "INFOCON INTERNATIONAL" Bangalore related to hold a Job fair. The Company representatives came to our Institution and explained the scope of technology and about their company, Job opportunities, nature of training and they conducted three level interviews, in which they selected 16 students.







On 23<sup>rd</sup> September 2019 we invited distinguished scientist **Dr.Balakrishnan Manikyam** of the Meteorological Society of India. He delivered lectures in 2 sessions on basics of atmospheric

dynamics and applications. The lecture was very beneficial to the outgoing final B.Sc students.



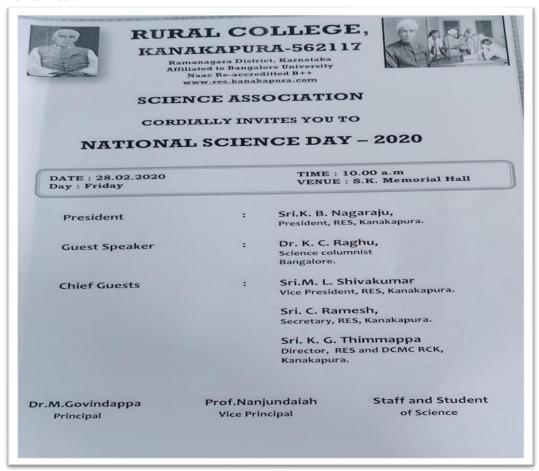




## **DEPARTMENT ACTIVITIES - 2020**

### National science Day 2020 and Science Exhibition

From the department of Physics Rural college Kanakapura organized a "National science Day2020 And Science Exhibition" on 28 February 2020 from 10:00 AM onwards in S K Memorial Hall.



It was organized by inviting **Dr.K.C.Raghu**, Bangalore, and Science columnist. He delivered a lecture on the present food crisis and management in India. In the 2<sup>nd</sup> Session he elaborately explained Natural environmental conservation. In an open discussion with students and the public, he replied for various queries in detail.



On 6<sup>th</sup> March 2020 all the Science departments jointly organized a Science exhibition. There were totally 80 experiments/demonstration/models on various topics on view. The exhibition was open to High School, PU and Degree Students of all the Schools and Colleges of Kanakapura Taluk.

Students, Staffs and Management witnessed this Exhibition and appreciated. Leading Newspaper featured the exhibition and appreciated the event.







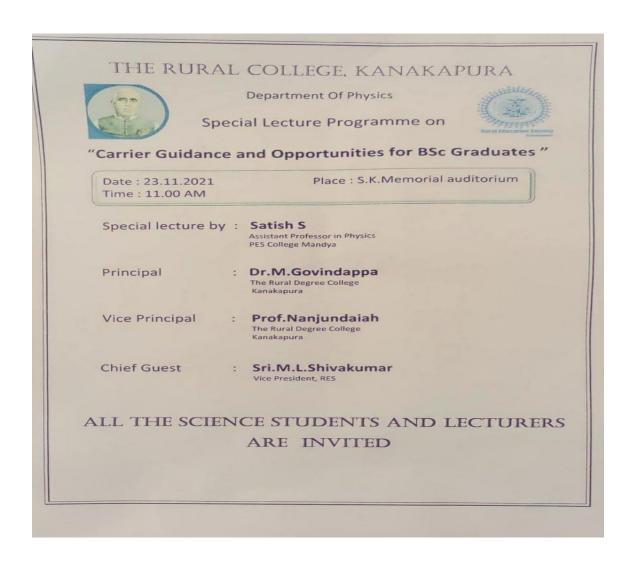




## **DEPARTMENT ACTIVITIES - 2021**

# SPECIAL LECTURE PROGRAMME ON CARRIER GUIDANCE AND OPPORTUNITIES

From the Department of Physics Rural college Kanakapura organize a "Special Lecture Programme On Carrier Guidance And Opportunities For BSc Graduates" on 23 November 2021 from 11:00 AM onwards in S K Memorial Auditorium.



The programmes was lead by Prof. M T Balakrishna, Associate professor, Dept of Physics

The Programmes was inaugurated by Dr. M Govindappa, principal of our college in the presence of Prof. Nanjundaiah Vice principal of our college

Resource Person: **Prof. Sathish**, Asst. Professor Dept. Of Physics, PES college Mandya. Presence:

Prof. B.M Srinivas, HOD Dept. Of chemistry.

Prof. Channappa, HOD Department Of Economic, Prof. Devaraju, HOD Department Of Sociology. Lt. M.J Vijendra, Dept. Of History. Prof. Poojashree, Dept. Of chemistry, and other science faculties.



