

Estd. : 1955

NAAC RE-ACCREDITATION : B++

*The Rural College*

KANAKAPURA - 562 117, Ramanagara Dist.  
(Affiliated to Bangalore University)

(Three Years Degree Course in Arts, Science, Commerce, B.B.M. & P.G. in Kannada, History & Commerce)



POOJYA Sri S. KARIAPPA  
FOUNDER - RES

*Prop. M. Vikram* B.Sc., M.P.Ed.,  
PRINCIPAL

Mobile : 99454 20412 Email : vikigayi@gmail.com

Ref. No. RCK

Date.....20-07-2017

The Secretary  
Rural Education Society  
Kanakapura-562117

Respected Sir,

**Sub:** Seeking permission for conducting Add on courses.

This is to bring your notice that we planned to conduct Add on courses to enhance student employability and other skills. Hence, we request you to permit us to organize the following Add on courses during this academic year 2017-18. The following departments have conducted Add on courses successfully and the students who have been benefited from these courses are given the certificates during the college Annual Day.

Name of the Departments	Title of the Add on Course
Kannada	ಸಮಕಾಲೀನ ಸಂದರ್ಭದಲ್ಲಿನ ಭಾಷಿಕ ನೆಲೆಗಟ್ಟುಗಳು
English	English as a Global Language
History	Study of Epigraphy
Economics	Micro Finance and Economic Weaker Section
Geography	GIS & remote sensing application on natural disaster management
Political Science	Role of youths in Democratic System
Sociology	Gender Sensitization
Physics	Concept of Wave Function
Chemistry	Hetero-Cyclic Compounds
Botany	Sericulture and Rural Women

*M. S. G.*  
Sub-Ordinator  
RURAL COLLEGE  
KANAKAPURA

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Zoology	Food and Nutrition
Mathematics	Matrix of Algebra
Computer Science	Cyber Security
Commerce	Financial Reporting

**Principal**

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**Course Co-coordinators**

*[Signature]*  
 Department of English  
*[Signature]* (Econ. M. C.)  
*[Signature]* Commerce  
*[Signature]* Geography  
*[Signature]* Political Science  
 Mrs. *[Signature]* Botany  
*[Signature]* History  
*[Signature]* Sociology  
*[Signature]* Physics  
*[Signature]* Mathematics  
 B. M. *[Signature]* Chemistry  
*[Signature]* *[Signature]* *[Signature]*  
 PRINCIPAL  
 RURAL COLLEGE  
 KANAKAPURA - 562 117  
*[Signature]* Zoology  
*[Signature]*  
 [Computer Science]

## THE RURAL COLLEGE, KANAKAPURA-562117

### \*CIRCULAR\*

This is to inform to you all that the following departments are offering an Add on courses starting in the academic year 2017-18. The classes will be held on every day after regular classes including Saturday/Sunday and Public holiday via virtual mode. Due to the limited availability of seats, the candidates will be registered on first cum first serve basis. Kindly register from consult the HOD and faculties of the concerned departments.

Name of the Departments	Title of the Add on Course	Course Coordinators
Kannada	ಸಮಕಾಲೀನ ಸಂದರ್ಭದಲ್ಲಿನ ಭಾಷಿಕ ನೆಲೆಗಟ್ಟುಗಳು	Prof. Jyothi J
English	English as a Global Language	Prof. Rajanna Kanekal
History	Study of Epigraphy	Prof. S. P. Ramesh
Economics	Micro Finance and Economic Weaker Section	Prof. Channappa
Geography	GIS & remote sensing application on natural disaster management	Prof. A. P. Prakash
Political Science	Role of youths in Democratic System	Prof. H. K. Manjunath
Sociology	Gender Sensitization	Prof. Devaraju
Physics	Concept of Wave Function	Prof. M. T. Balakrishna
Chemistry	Hetero-Cyclic Compounds	Prof. B. M. Srinivas
Botany	Sericulture and Rural Women	Dr. M. S. Kempegowda
Zoology	Food and Nutrition	Prof. Narayanaswamy
Mathematics	Matrix of Algebra	Prof. Meghana
Computer Science	Cyber Security	Prof. Lokashree
Commerce	Financial Reporting	Prof. Thammanna Gowda

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IQAC Co-Ordinator  
RURAL COLLEGE  
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## THE RURAL COLLEGE, KANAKAPURA-562117

The course coordinator meeting was convened by the Head of the Institution on 18<sup>th</sup> Aug 2017 in his chamber at 03:30 PM.

### AGENDA:

- To discuss thoroughly course content, distribution of workload and number of students joined the courses.
- Each course coordinator has presented the list of chapters taught during the course and decided to complete the course in 30 hrs before the commencement of university exams.
- The list of teachers was handed over to the principal and chapters they covered.
- Coordinators also gave the list of students who have joined the different Add on courses as well as value based courses during the academic year 2017-18.

The principal extended his full support and expressed his satisfaction for the involvement of teachers in organizing additional courses besides regular classes.

Prof. Nanjundaiah, Vice principal of the college extended the vote of thanks to all the course coordinators and the principal.

### COMPOSITION OF THE COMMITTEE:

The following departments are going to conduct Add on courses.

#### DEPARTMENT OF HUMANITIES

KANNADA	DESIGNATION	ENGLISH	DESIGNATION
Dr. S V Lakshminarayan	HOD	D S Nagaraj	HOD
Dr. Shantha Kumari M K	Faculty Member	Rajanna Kanekal	Course Coordinator
Dr. Manjunath V N	Faculty Member	Venkatesh Murthy K G	Faculty Member
B C Shivakumar	Faculty Member	Chaluva Kumari H C	Faculty Member
Jyothi J	Course Coordinator		
Shruthi M	Faculty Member		
Pramodalakshmi M V	Faculty Member		
Nanjundaswamy R K	Faculty Member		

HISTORY	DESIGNATION	ECONOMICS	DESIGNATION
Dr. M Govindappa	HOD	Kumar M	HOD
S P Ramesh	Course Coordinator	Channappa	Course Coordinator
D Krishnaiah	Faculty Member	Appaji	Faculty Member
Dr. Parthasarathi H G	Faculty Member	Veerabadreregowda D S	Faculty Member

  
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Prasanna H B	Faculty Member	Niranjana Swamy	Faculty Member
Vijendra M J	Faculty Member	Kabbale Gowda	Faculty Member
Prashanth M	Faculty Member		

<b>GEOGRAPHY</b>	<b>DESIGNATION</b>	<b>SOCIOLOGY</b>	<b>DESIGNATION</b>
A P Prakash	HOD & Course Coordinator	Devaraju	HOD & Course Coordinator
Dr. Nagaraj M	Faculty Member	Archana M R	Faculty Member

<b>POLITICAL SCIENCE</b>	<b>DESIGNATION</b>
Vani S	Faculty Member
Manjunath H K	HOD & Course Coordinator
Prakash H S	Faculty Member

**DEPARTMENT OF SCIENCE**

<b>PHYSICS</b>	<b>DESIGNATION</b>	<b>CHEMISTRY</b>	<b>DESIGNATION</b>
Nanjunadiah	HOD	Uday kumar	HOD
M T Balakrishna	Course Coordinator	Srinivas B M	Course Coordinator
Krishna H Fathepur	Faculty Member	Pandurangachar	Faculty Member
		Suma B C	Faculty Member
		Poojashree A	Faculty Member

<b>BOTANY</b>	<b>DESIGNATION</b>	<b>ZOOLOGY</b>	<b>DESIGNATION</b>
Dr. M S Kempegowda	HOD & Course Coordinator	Dr.NarayanaSwamy SY	HOD & Course Coordinator
Kavitha H G	Faculty Member	Suhasini R S	Faculty Member

<b>MATHEMATICS</b>	<b>DESIGNATION</b>	<b>COMPUTER SCIENCE</b>	<b>DESIGNATION</b>
Meghana N	Course Coordinator	Lokashree S	Course Coordinator & Faculty Member
Sushma C R	HOD		

  
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**DEPARTMENT OF COMMERCE**

Thammanna Gowda	HOD & Course Coordinator	Suchithra P G	Faculty Member
Shruthi K G	Faculty Member	Chandrashekhar C	Faculty Member
Dr. Chandrashekhar K S	Faculty Member	Mahammed Khalil M	Faculty Member
Lokesh C S	Faculty Member	Savitha N	Faculty Member
Munimadu S	Faculty Member	Shruthi A B	Faculty Member
Hema N	Faculty Member		
Shilpa N	Faculty Member		
Ragini B R	Faculty Member		
Sowmya K	Faculty Member		
Raju K V	Faculty Member		

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Thammanna (Economics)  
 (Dept of English)

Thammanna Commerce  
 A.R. Kulk Geography  
 Mani's political sci

Munimadu zoology

Lokesh (Computer science)

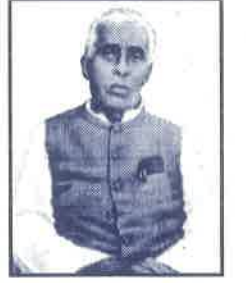
Mrs. Kensehda Botany  
 @muniw History  
 Peruvu Sociology  
 Benu Physics  
 H.N. Mathematics  
 B.M. Prasad Chemistry  
 R. S. B. B. B.

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M.S. Benu  
 Co-Ordinator  
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POOJYA SHI S. KARIAPPA  
FOUNDER - RES*Prop. M. Vikram* B.Sc., M.P.Ed.,  
PRINCIPAL

Mobile : 99454 20412 Email : vikigayi@gmail.com

Ref. No. RCK

**ADD ON COURSES 2017-18**

Date.....

ಕನ್ನಡ ವಿಭಾಗ		
ವಿಷಯ: ಸಮಕಾಲೀನ ಸಂದರ್ಭದಲ್ಲಿನ ಭಾಷಿಕ ನೆಲೆಗಟ್ಟುಗಳು		
ಪಠ್ಯ	ಪಠ್ಯ ಫಲಿತ	ಕಾಲಾವಧಿ
ಭಾಷೆಯ ಮಹತ್ವ	➤ ಅರ್ಥ, ಸ್ವರೂಪ ಮತ್ತು ವಿಶ್ಲೇಷಣೆ	08
ಸಾಹಿತ್ಯವಾಲೋಕನ	➤ ಸಾಹಿತ್ಯ ಮತ್ತು ಸ್ವರೂಪ, ಅವಲೋಕನ	07
ಸಾಂಸ್ಕೃತಿಕ ನೆಲೆಗಟ್ಟು	➤ ಸಂಸ್ಕೃತಿ ಮತ್ತು ಸಾಹಿತ್ಯ ಪರಂಪರೆ	08
ಸಾಮಾಜಿಕತೆ	➤ ಸಮಾಜ ಮತ್ತು ಸಾಹಿತ್ಯ	07
DEPARTMENT OF ENGLISH		
TOPIC: ENGLISH AS A GLOBAL LANGUAGE		
COURSE CONTENT	COURSE OUTCOMES	DURATION
Meaning, scope and importance	➤ Importance of communicative English globally	08
Historical context of English	➤ Origin of English from Anglo-Saxon age ➤ British Colonization & imperialism	07
Cultural legacy- English in media sector	➤ English has a great & rich legacy emanated from literature, science, administration & business ➤ Both print & electronic media depend on English	08

Future of global English	➤ English is a lingua-franka to connect all languages	07
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**DEPARTMENT OF HISTORY**  
**TOPIC: STUDY OF EPIGRAPHY**

<b>COURSE CONTENT</b>	<b>COURSE OUTCOMES</b>	<b>DURATION</b>
Origin and meaning of epigraphy	<ul style="list-style-type: none"> <li>➤ Origin from ancient period to medieval period</li> <li>➤ Study of coins</li> </ul>	08
Nature and scope of epigraphy	<ul style="list-style-type: none"> <li>➤ Coins played an important role in understanding the stages of history &amp; dynasties</li> </ul>	08
Importance and development	<ul style="list-style-type: none"> <li>➤ Coins reflect the socio-cultural, economic &amp; religious movements</li> </ul>	07
Epigraphy and History	<ul style="list-style-type: none"> <li>➤ Period, Economic condition of the dynasty, Political aspects &amp; titles of the kings and their administration</li> </ul>	07

**DEPARTMENT OF ECONOMICS**  
**TOPIC: MICRO FINANCE AND ECONOMIC WEAKER SECTION**

<b>COURSE CONTENT</b>	<b>COURSE OUTCOMES</b>	<b>DURATION</b>
Meaning and importance	<ul style="list-style-type: none"> <li>➤ Concepts of saving, borrowing loans from banks</li> </ul>	08
Nature and scope of micro finance	<ul style="list-style-type: none"> <li>➤ Functions of micro finance</li> </ul>	07
Problems faced by economic weaker section	<ul style="list-style-type: none"> <li>➤ Economic, social, cultural &amp; political problems, unemployment and poverty</li> </ul>	08
Recommendation for implementing micro finance in rural areas/ weaker section	<ul style="list-style-type: none"> <li>➤ Literacy, financial aid, subsidy</li> </ul>	07



**DEPARTMENT OF POLITICAL SCIENCE:  
TOPIC: ROLE OF YOUTHS IN DEMOCRATIC SYSTEM**

<b>COURSE CONTENT</b>	<b>COURSE OUTCOMES</b>	<b>DURATION</b>
Meaning and importance of Democracy	➤ Democracy: its importance & scope	07
How to implement democratic system in India?	➤ By creating awareness in public	08
Principles of Democracy	➤ Political education	08
Youths and Democracy	➤ Educate them about democracy	07

**DEPARTMENT OF SOCIOLOGY:  
TOPIC: GENDER SENSITIZATION**

<b>COURSE CONTENT</b>	<b>COURSE OUTCOMES</b>	<b>DURATION</b>
Definition, nature and evolution	➤ Gender & society	07
Gender spectrum: biological, sociological and psychological conditioning	➤ Stereotypes of social gender, cultural images creates gender discrimination	08
Gender Justice and Human Rights	➤ Gender & judicial system	08
Media and Gender	➤ Commodification of women in media	07

**DEPARTMENT OF GEOGRAPHY  
TOPIC: GIS & REMOTE SENSING APPLICATION ON NATURAL  
DISASTER MANAGEMENT**

<b>COURSE CONTENT</b>	<b>COURSE OUTCOMES</b>	<b>DURATION</b>
Meaning and importance of GIS & Remote sensing	➤ Geographical Information System ➤ Remote sensing & its importance	07
Advance GIS for	➤ Studied about floods,	08

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natural hazards study	earthquake & other disasters	
Principles of GIS & Remote Sensing	➤ Different aspects of GIS & its importance	08
Advance Remote Sensing for Natural Hazards Study	➤ Features & measurements to control natural disasters	07

**DEPARTMENT OF PHYSICS**  
**TOPIC: CONCEPT OF WAVE FUNCTION**

<b>COURSE CONTENT</b>	<b>COURSE OUTCOMES</b>	<b>DURATION</b>
Meaning, nature and scope	➤ Wave theory & its functions	07
Properties of Wave Function	<ul style="list-style-type: none"> <li>➤ <math>\Psi</math> should be continuous and single-valued</li> <li>➤ The probability of finding a particle if it exists is 1</li> </ul>	08
Postulates of Quantum Mechanics	<ul style="list-style-type: none"> <li>➤ The linear set of independent functions is formed from the set of eigenfunctions of operator Q.</li> <li>➤ Operator Q associated with a physically measurable property q is Hermitian.</li> </ul>	08
Wave function and Quantum Mechanics	<ul style="list-style-type: none"> <li>➤ Wave Function and Schrodinger's Equation</li> <li>➤ Copenhagen Interpretation</li> </ul>	07

**DEPARTMENT OF CHEMISTRY**  
**TOPIC: HETERO-CYCLIC COMPOUNDS**

<b>COURSE CONTENT</b>	<b>COURSE OUTCOMES</b>	<b>DURATION</b>
Introduction, meaning and nature	➤ Hetero cyclic compounds and its	07

	elements	
Classification of heterocyclic compounds	<ul style="list-style-type: none"> <li>➤ Aliphatic Heterocyclic Compounds</li> <li>➤ Aromatic Heterocyclic Compounds</li> </ul>	08
Nomenclature of heterocyclic compounds	<ul style="list-style-type: none"> <li>➤ The Hantzsch-Widman Nomenclature</li> <li>➤ Common Names</li> <li>➤ The Replacement Nomenclature</li> </ul>	08
Molecular orbital picture	<ul style="list-style-type: none"> <li>➤ Explain how bonding and antibonding orbitals arise from atomic orbitals and how they differ physically</li> </ul>	07

**DEPARTMENT OF BOTANY**

**TOPIC: SERICULTURE AND RURAL WOMEN**

<b>COURSE CONTENT</b>	<b>COURSE OUTCOMES</b>	<b>DURATION</b>
Introduction, nature and scope	<ul style="list-style-type: none"> <li>➤ Sericulture &amp; its practice</li> </ul>	07
Women and Sericulture	<ul style="list-style-type: none"> <li>➤ Community development, forming, etc</li> </ul>	08
Work and division of labor	<ul style="list-style-type: none"> <li>➤ Wages, economical growth in communal sector</li> </ul>	08
Women and silkworm rearing	<ul style="list-style-type: none"> <li>➤ Role of women in sericulture &amp; silkworm rearing practice</li> </ul>	07

**DEPARTMENT OF MATHEMATICS**

**TOPIC: MATRIX OF ALGEBRA**

<b>COURSE CONTENT</b>	<b>COURSE OUTCOMES</b>	<b>DURATION</b>
Application of matrices and determinants	<ul style="list-style-type: none"> <li>➤ Solution of a system of linear equation using the inverse of a matrix</li> <li>➤ Consistency of a system</li> </ul>	07

*m.s. bulude*  
**IQAC Co-Ordinator**  
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*[Signature]*  
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Transpose of a Matrix	<ul style="list-style-type: none"> <li>➤ Transpose of the Transpose Matrix</li> <li>➤ Addition Property of Transpose</li> <li>➤ Multiplication by Constant</li> <li>➤ Multiplication Property of Transpose</li> </ul>	08
Basic Algebraic properties of complex numbers	<ul style="list-style-type: none"> <li>➤ Algebraic operation on Complex numbers with examples</li> </ul>	08
Inverse trigonometric function	<ul style="list-style-type: none"> <li>➤ Arbitrary Values</li> <li>➤ Reciprocal and Complementary functions</li> <li>➤ Sum and difference of functions</li> <li>➤ Double and triple of a function</li> </ul>	07

**DEPARTMENT OF ZOOLOGY**  
**TOPIC: FOOD AND NUTRITION**

<b>COURSE CONTENT</b>	<b>COURSE OUTCOMES</b>	<b>DURATION</b>
Meaning, nature and importance	<ul style="list-style-type: none"> <li>➤ Healthy food habit &amp; practice</li> </ul>	07
Basic food science	<ul style="list-style-type: none"> <li>➤ Meaning, importance and topics of food science</li> </ul>	08
Human physiology	<ul style="list-style-type: none"> <li>➤ Physiology is divided into five main branches:</li> <li>➤ anatomy</li> <li>➤ histology</li> <li>➤ cellular physiology</li> <li>➤ organ physiology</li> <li>➤ systemic physiology</li> </ul>	08
Community nutrition	<ul style="list-style-type: none"> <li>➤ Role of community nutrition</li> </ul>	07

DEPARTMENT OF COMPUTER SCIENCE

TOPIC: CYBER SECURITY

COURSE CONTENT	COURSE OUTCOMES	DURATION
Introduction to cyber security	➤ Meaning, scope & importance	07
Fundamentals of cyber security	<b>Cyber security Fundamentals – Confidentiality</b> <ul style="list-style-type: none"><li>➤ Data encryption</li><li>➤ Two-factor authentication</li><li>➤ Biometric verification</li><li>➤ Security tokens</li></ul> <b>Integrity</b> <ul style="list-style-type: none"><li>➤ Cryptographic checksums</li><li>➤ Using file permissions</li><li>➤ Uninterrupted power supplies</li><li>➤ Data backups</li></ul> <b>Availability</b> <ul style="list-style-type: none"><li>➤ Backing up data to external drives</li><li>➤ Implementing firewalls</li><li>➤ Having backup power supplies</li><li>➤ Data redundancy</li></ul>	08
Cyber forensics	<ul style="list-style-type: none"><li>➤ Network forensics</li><li>➤ Email forensics</li><li>➤ Malware forensics</li><li>➤ Memory forensics</li><li>➤ Mobile Phone forensics</li><li>➤ Database forensics</li><li>➤ Disk forensics</li></ul>	08
Cryptography	<ul style="list-style-type: none"><li>➤ Meaning, scope &amp; importance</li><li>➤ Secret Key Cryptography</li><li>➤ Public Key Cryptography</li><li>➤ Hash Functions</li></ul>	07

*m.s. bharadwaj*  
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**DEPARTMENT OF COMMERCE**  
**TOPIC: FINANCIAL REPORTING**

COURSE CONTENT	COURSE OUTCOMES	DURATION
Introduction to financial reporting	➤ To define book keeping and accounting	07
Knowledge and Comprehension	➤ To explain the general purposes and functions of accounting	08
Application and analysis	➤ To explain the differences between management and financial accounting	08
Synthesis and evaluation	➤ To describe the main elements of financial accounting information – assets, liabilities, revenue and expenses  ➤ To identify the main financial statements and their purposes.	07

**Principal**

**Course Co-coordinators**

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*Hish's (Computer Science)*

*(Dept of English) (Economics)*  
*Shammy*  
*Shammy*

*A. P. N. S.*  
*Mani*

*m.s. Kanchan*  
*G. N. S.*  
*R. S. S.*

*B. S. S.*  
*H. S. S.*  
*S. S. S.*

*Commerce*  
*Geography*  
*Political Science*  
*Botany*  
*History*  
*Sociology*  
*Physics*  
*Mathematics*  
*English*

*B. A. S. S. S.*

# THE RURAL COLLEGE, KANAKAPURA-562117

## \*CIRCULAR\*

THIS IS TO INFORM YOU THAT ALL THE STUDENTS WHO HAVE PASSED IN ADD ON/CERTIFICATE/VALUE BASED COURSE AND COMPLETED THEIR COURSES ARE GIVEN CERTIFICATES ON THE COLLEGE ANNUAL DAY IN THE ACADEMIC YEAR 2017-18.

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