

DAY-I

| TIME | EVENT |
|-------------------|--|
| 08.30AM - 09.30AM | Registration |
| 09.30AM-10.00AM | Inauguration |
| 10.00AM-11.30AM | Introduction to Multivariate Data Analysis and the Basics of Regression Modelling. |
| 11.45AM-01.00PM | Multiple Linear Regression - Estimation and Interpretation. |
| 01:30PM-03.00PM | Regression Diagnostics 1: Testing for Heteroscedasticity and Serial Correlation. |
| 03.15PM-04.45PM | Regression Diagnostics 2: Testing for Multicollinearity and Model Specification. |

DAY II

| TIME | EVENT |
|-------------------|--|
| 09.30AM - 11.00AM | Regression Models Using Dummy Variables. |
| 11.15AM- 12.45AM | Logistic Regression - Estimation and Interpretation. |
| 01.30PM- 03.00PM | Introduction to Time Series Analysis and Forecasting |
| 03.15PM- 04.45PM | Growth Rate Estimation: Theory and Practice. |

DAY III

| TIME | EVENT |
|-------------------|--|
| 09.30AM - 11.00AM | Analysis of Variance and Analysis of Covariance. |
| 11.15AM- 12.45AM | Exploratory Factor Analysis. |
| 01.30PM- 03.00PM | Discriminant Function Analysis. |
| 03.15PM- 04.45PM | Participants' Paper Presentations. |
| 04.45PM- 05.00PM | Valedictory Function. |

Resource Persons

Prof. Rajesh R. Assistant Professor, Govt Engineering College Thrissur leads Technical sessions. He has rich experience (over 10 years) in organising and leading National Seminars/Workshops in Research Methodology.

Dr.K.Ramya Assistant Professor, Management Studies Aviashilingam University, Coimbatore chairs the paper presentation.



SPSS

E VIEWS



GRITI



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Three Day National Workshop on Multivariate Data Analysis in Social Science Research

13th, 14th, & 15th September 2018

Organized By

PG Department of Commerce

Government College Chittur

Palakkad, 678104

Sponsored by

Directorate of Collegiate Education

Thiruvananthapuram, Govt of Kerala

PROCEEDINGS OF DCE SPONSORED THREE DAY NATIONAL WORKSHOP ON MULTIVARIATE DATA ANALYSIS IN SOCIAL SCIENCE RESEARCH

(Conducted by Post Graduate Department of Commerce, Government College Chittur on September 13, 14 and 15- 2018)

The three day national workshop on MULTIVARIATE DATA ANALYSIS ON SOCIAL SCIENCE RESEARCH sponsored by Directorate of Collegiate Education , Government of Kerala has been organised by the Post Graduate Department of Commerce from September 13th to 15th, 2018. The registration towards the workshop was done as scheduled. The workshop started with prayer delivering homage to those who passed away during the flood in Kerala in the month of August 2018 . The welcome speech was delivered by Aswathy PJ, Coordinator of the National Workshop. The Presidential address of the workshop was given by Dr Lakshmanan MP, Head of the Department. The workshop is of 10th one from 2007 onwards. The first workshop in this line was organised in March 2013. The purpose behind selection of higher end concept and tools was outlined and appreciated audience towards their eagerness in presence. Our Principal , Sri Anand Viswanath R, inaugurated the workshop with a worthful key note address. The programme was felicitated by Sri Jaganathan C, PTA Secretary and Dr Rijulal G (Syndicate Member), Sri Suresh C (Staff Advisor) Mr SHIJIL (College Union). The vote of thanks was delivered by Dr Vinod G, Assistant Professor, Department of Commerce, Government College Chittur. The inaugural session came to end by 10.00am.

The technical sessions on first day (13 September ,2018) was handled by Sri Rajesh P, Assistant Professor of Economics, Government Engineering College, Thrissur. An introductory analysis on the context and nature of Multivariate data Analysis was given in the. The factors to be taken into account while opting for MVDA was illustrated in lucid style. The different tools in MVDA




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and relevance of Regression modeling was a highlight of the session. Practical session on Simple linear regression was also given in the session. The second session emphasized on the Multiple Linear Regression Model, conditions for application, illustrations and hands on experience on the concept. The detailed procedure on the estimation of Model values of Regression Coefficients and procedure of interpreting the result was beautifully presented by the resource person.. The third technical session was on basics of Regression Diagnostics. The tests for checking Heteroscedasticity and serial correlation was highlight of the session. The presence of the problem was illustrated using practical example. The fourth session of the day 1 was on Testing for Multicollinearity. The implications of the Multicollinearity on the result was illustrated with learning experience. The ways to overcome such issues were also pointed out

The first session of day 2 was started with Regression modeling with dummy Variables. The context of introduction of dummy variable and its role in data analysis was illustrated with suitable examples. Few mathematical models using dummy variables were also illustrated. The second session was concentrated on logistic regression. The regression based on nominal scale variables needs careful approach in building models and its applications. The derivations of Logistic regression was beautifully presented with practical session.

The third session of the day emphasized on the basics of time series analysis and methods of time series analysis in commerce and management studies. A number of practical situations where the time series analysis can be applied were pointed out and a practical session on securities market data was practiced in the hands on session using Gretl. The final session of the day was devoted to fundamentals of growth rate estimation. The factors to be taken into account while estimating growth rates, the procedural framework in growth rate estimations were presented with lively examples. The third day of the workshop concentrated on the practical



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sessions on variance analysis and analysis of covariance. SPSS software was used for working out suitable examples. The most commonly used exploratory factor analysis was handled in hands on session with suitable problem with data already collected. A contextual framework on confirmatory factory analysis was also given in the session. Due to time constraint, practical session on CFA was not done.

The third session of the day was on Discriminant function analysis. A hands on experience with practical application on the tool was presented in the session.

Being workshop, much emphasis was given to hands on experience and technical sessions by Resource Person Sri Rajesh P. All the technical session was handled by Rajesh P. The competency in handling the session was extremely appreciated and welcomed by participants.

The M.Com Students of the Department presented few papers (4 numbers) based on the experience in doing Project work in the fourth semester. The session was managed by Dr Ramya K, Assistant Professor , Management studies, Avinashilingam University, Coimbatore. The valedictory session was inaugurated by Dr K Ramya. The certificates on participation and duty certificates were distributed in the session. The feedback received in the session from participants was the best gift for serious and restless efforts from the part of workshop Coordinator and other faculty members of the department. The support of students was also remarkable in successful winding up of the workshop.



Workshop Coordinator
ASWATHY. P. J.
Asst: Prof. in Commerce
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**NATIONAL WORKSHOP ON MULTIVARIATE DATA ANALYSIS IN SOCIAL SCIENCE RESEARCH
SEPTEMBER 13,14 & 15 2018
RESOURCE PERSONS & PARTICIPANTS**

RESOURCE/CHAIR PERSONS

| SN | NAME OF FACULTY | INSTITUTION | DAYS | G/A | DESIG | ELIGIBILITY |
|----|-----------------|--|----------|------|-------|-----------------|
| 1 | Sri RAJESH P | Assistant Professor, Govt Engineering College, Thrissur | 13-14-15 | GOVT | ASST | RE, DA, TA, REF |
| 2 | Dr K REMYA | Assistant Professor, Management Studies, Avinashilingam University, Coimbatore | 15 | UTY | ASST | RE, DA, TA, REF |

PARTICIPANTS FROM GOVT/AIDED COLLEGES/UNIVERSITIES

| SN | NAME OF FACULTY | INSTITUTION | DAYS | G/A | DESIG | ELIGIBILITY |
|----|--------------------|--|----------|-------|-------|-------------|
| 1 | SHALINI THOMAS | BCM COLLEGE, KOTTAYAM | 13-14-15 | AIDED | ASST | DA, TA, REF |
| 2 | KRISHNA KUMAR PG | PM GOVT COLLEGE CHALAKKUDY | 13-14-15 | GOVT | ASST | DA, TA, REF |
| 3 | SUNIL KUMAR KK | GOVT ARTS COLLEGE TRIVANDRUM | 13-14-15 | GOVT | ASST | DA, TA, REF |
| 4 | NAVYA AH | CKGM GOVT COLLEGE PERAMBRA | 13-14-15 | GOVT | ASST | DA, TA, REF |
| 5 | VINEESH KA | GOVT COLLEGE, MUNNAR | 13-14-15 | GOVT | ASST | DA, TA, REF |
| 6 | RABITHA M V | GOVT ARTS COLLEGE TRIVANDRUM | 13-14-15 | GOVT | ASST | DA, TA, REF |
| 7 | LERIL JAMES | GOVT COLLEGE, KALPETTA | 13-14-15 | GOVT | ASST | DA, TA, REF |
| 8 | SUBHA PP | GOVT COLLEGE KOTTAYAM | 13-14-15 | GOVT | ASST | DA, TA, REF |
| 9 | ABHILASH KS | TM JACOB MEMORIAL GOVT COLLEGE, MANIMALAKUNNU | 13-14-15 | GOVT | ASST | DA, TA, REF |
| 10 | SREEKALA K | GOVT ARTS & SCIENCE COLLEGE, MEENCHANDAKOZHIKODE | 15 | GOVT | ASST | DA, TA, REF |
| 11 | GIRISH G | GOVT ARTS COLLEGE TRIVANDRUM | 15 | GOVT | ASST | DA, TA, REF |
| 12 | SUNIL KUMAR S | GOVT ARTS COLLEGE TRIVANDRUM | 15 | GOVT | ASST | DA, TA, REF |
| 13 | ANOOJA K | GOVT COLLEGE KODANCHERY | 15 | GOVT | ASST | DA, TA, REF |
| 14 | SATHEESH BABU AT | GOVT ARTS COLLEGE TRIVANDRUM | 15 | GOVT | ASST | DA, TA, REF |
| 15 | Dr PURUSHOTHAMAN P | GOVT ARTS COLLEGE TRIVANDRUM | 15 | GOVT | ASST | DA, TA, REF |
| 16 | MANOJ KUMAR KU | GOVT ARTS & SCIENCE COLLEGE, KOZHIKODE | 15 | GOVT | ASST | DA, TA, REF |
| 17 | INDU RAJANIR | GOVT COLLEGE NEDUMANGAD, TRIVANDRUM | 15 | GOVT | ASST | DA, TA, REF |
| 18 | VIDHYA H | SN COLLEGE, CHELANUR, KOZHIKODE | 15 | GOVT | ASST | DA, TA, REF |
| 19 | Dr MOHANDAS K | GOVT COLLEGE KODANCHERY | 15 | GOVT | ASST | DA, TA, REF |
| 20 | Dr BIJU SK | GOVT ARTS COLLEGE TRIVANDRUM | 15 | GOVT | ASST | DA, TA, REF |
| 21 | Dr JUBAIR T | GOVT COLLEGE KODANCHERY | 15 | GOVT | ASST | DA, TA, REF |
| 22 | Dr MUHAMMED NOUFAL | GOVT COLLEGE KUNNAMANGALAM, KOZHIKODE | 15 | GOVT | ASST | DA, TA, REF |
| 23 | SUMALATHA S | TM JACOB MEMORIAL GOVT COLLEGE, MANIMALAKUNNU | 15 | GOVT | ASST | DA, TA, REF |
| 24 | PRAJILDA P | SARBTM GOVT COLLEGE, MUCHUKKUNNU, KOYILANDI | 15 | GOVT | ASST | DA, TA, REF |
| 25 | NAZEEM A | GOVT COLLEGE NEDUMANGAD, TRIVANDRUM | 15 | GOVT | ASST | DA, TA, REF |
| 26 | Dr SURESHKUMAR K | GOVT COLLEGE FOR WOMEN, TRIVANDRUM | 15 | GOVT | ASST | DA, TA, REF |
| 28 | Dr NIRMALAMABEL | GOVT COLLEGE FOR WOMEN, TRIVANDRUM | 15 | GOVT | ASST | DA, TA, REF |

| | | | | | | |
|----|------------------|------------------------------------|----------|------|------|-----------|
| 29 | VINEETHANT T | GOVT COLLEGE, MADAPALLY, KOZHIKODE | 15 | GOVT | ASST | DA.TA,REF |
| 30 | ROOSVELT M | GOVT COLLEGE FOR WOMEN, TRIVANDRUM | 15 | GOVT | ASST | DA.TA,REF |
| 31 | SAJEEV H | GOVT COLLEGE FOR WOMEN, TRIVANDRUM | 15 | GOVT | ASST | DA.TA,REF |
| 32 | BITTU ANN CHACKO | GOVT COLLEGE FOR WOMEN, TRIVANDRUM | 15 | GOVT | ASST | DA.TA,REF |
| 33 | Dr NIMMIDEV R | St ALOSIOUS COLLEGE EDATHWA | 13-14-15 | GOVT | ASST | DA.TA,REF |
| 34 | KRISHNAVENI | GOVT COLLEGE FOR WOMEN, TRIVANDRUM | 15 | GOVT | ASST | DA.TA,REF |
| 35 | SHAJI E | GOVT COLLEGE FOR WOMEN, TRIVANDRUM | 15 | GOVT | ASST | DA.TA,REF |

HOME STATION PARTICIPANTS

| | | | | | | |
|----|-------------------|----------------------|-------|------|------|-------------|
| 1 | SURESH P | GOVT COLLEGE CHITTUR | 13 | GOVT | ASST | REFRESHMENT |
| 2 | SUMATHY M | GOVT COLLEGE CHITTUR | 13-15 | GOVT | ASST | REFRESHMENT |
| 3 | SMITHA P | GOVT COLLEGE CHITTUR | 13-15 | GOVT | ASST | REFRESHMENT |
| 4 | ANAND VISWANATH R | GOVT COLLEGE CHITTUR | 13 | GOVT | ASST | REFRESHMENT |
| 5 | Dr SARIN V P | GOVT COLLEGE CHITTUR | 13-15 | GOVT | ASST | REFRESHMENT |
| 6 | ASWATHY PJ | GOVT COLLEGE CHITTUR | 13-15 | GOVT | ASST | REFRESHMENT |
| 7 | Dr LAKSHMANAN MP | GOVT COLLEGE CHITTUR | 13-15 | GOVT | ASST | REFRESHMENT |
| 8 | Dr VINOD G | GOVT COLLEGE CHITTUR | 13-15 | GOVT | ASST | REFRESHMENT |
| 9 | Dr VINITHA B | GOVT COLLEGE CHITTUR | 13-15 | GOVT | ASST | REFRESHMENT |
| 10 | RADHAKRISHNAN G | GOVT COLLEGE CHITTUR | 13-15 | GOVT | ASST | REFRESHMENT |
| 11 | LEENA T U | GOVT COLLEGE CHITTUR | 13-15 | GOVT | ASST | REFRESHMENT |
| 12 | PRADEESH K | GOVT COLLEGE CHITTUR | 13-15 | GOVT | ASST | REFRESHMENT |
| 13 | JAGANNADHAN C | GOVT COLLEGE CHITTUR | 15 | GOVT | ASST | REFRESHMENT |
| 14 | JYOTHI K K | GOVT COLLEGE CHITTUR | 13-15 | GOVT | ASST | REFRESHMENT |

RESEARCH SCHOLARS

| | | | | | | |
|---|-----------------|-------------------------------------|-------|-------|----|-------------|
| 1 | ANU AV | ST THOMAS COLLEGE, PALA | 13-15 | AIDED | RS | REFRESHMENT |
| 2 | SUDHEESH S | CATHOLICATE COLLEGE, PATHANANTHITTA | 13-15 | AIDED | RS | REFRESHMENT |
| 3 | SREELAKSHMI CC | CUSAT | 13-15 | UTY | RS | REFRESHMENT |
| 4 | MISHA DAVIS A | CUSAT | 13-14 | UTY | RS | REFRESHMENT |
| 5 | FEBIN MUHAMMED | GOVT COLLEGE KOTTAYAM | 13-15 | AIDED | RS | REFRESHMENT |
| 6 | NATASHA P | CUSAT | 13-15 | UTY | RS | REFRESHMENT |
| 7 | ATHESH A KUMAR | GOVT COLLEGE ATTINGAL | | GOVT | RS | REFRESHMENT |
| 8 | ARATHY KRISHNAN | GOVT COLLEGE FOR WOMEN, TRIVANDRUM | | GOVT | RS | REFRESHMENT |

GUEST FACULTY MEMBERS

| | | | | | | | |
|---|-------------------|--|----------|------|------|-------------|-------------|
| 1 | Dr MAYA O V | GOVT COLLEGE CHITTUR | 16-17-18 | GOVT | GF | REFRESHMENT | |
| 2 | SAFNA K H | GOVT COLLEGE CHITTUR | 13-15 | GOVT | GF | REFRESHMENT | |
| 3 | APARNA SREEVALSAN | GOVT COLLEGE CHITTUR | 13-15 | GOVT | GF | REFRESHMENT | |
| 4 | REMYA K | MMS GOVT ARTS & SCIENCE COLLEGE, MALAVANKEEZHU | | 15 | GOVT | GF | REFRESHMENT |



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5 SRUTHI N NAIR

YUVAKSHETRA COLLEGE

13-15

SP

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REFRESHMENT

POST GRADUATE STUDENTS

| | | | | | |
|----|-------------------|----------------------|-------|--------------|-------------|
| 1 | ANUJA S | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 2 | REVATHY K | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 3 | KEERTHY K | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 4 | ATHIRA S | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 5 | ASWATHI R | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 6 | RAJALAKSHMI M | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 7 | SIVADURGA S | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 8 | ARCHANA A | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 9 | REMYA M R | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 10 | SUKANYA V | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 11 | SURIYAKRISHNAN PR | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 12 | HASNAMOL M | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 13 | SUJISHA VS | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 14 | SNEHA V | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 15 | SIBINIYA A | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 16 | THASLEEMA M | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 17 | REEJA C | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 18 | DHIVYA S | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 19 | SUMATHI PA | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 20 | PRIYA SS | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 21 | RENJITHA R | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 22 | REKHA R | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 23 | REMYA K | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 24 | ROOPIKA P | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 25 | MINNUS | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 26 | SRUTHI TS | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 27 | NIDHINA S | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 28 | AKHILA S | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 29 | ANEESH SATHEENA | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 30 | SULAIKHA PARVINA | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 31 | GOPIKA | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 32 | JAMSHEENA | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 33 | PRAJITHA G | GOVT COLLEGE CHITTUR | 13-15 | MA ECONOMICS | REFRESHMENT |
| 34 | SUKANYA C | GOVT COLLEGE CHITTUR | 13-15 | MCOM | REFRESHMENT |



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POST GRADUATE DEPARTMENT OF COMMERCE



Three Day National Workshop on

Multivariate Data Analysis in Social Science Research

Sponsored by : Directorate of Collegiate Education
Thiruvananthapuram, Govt of Kerala

Certificate

This is to certify that Sri/Smt/Dr.....

.....
has participated in the National Workshop on Multivariate Data Analysis in Social Science
Research organised by Post Graduate Department of Commerce on 13th, 14th, & 15th September 2018
as Resource person/Chair/Participant and Presented a paper titled.....
.....

Aswathy P.J
Co-Ordinator



Dr. Lakshmanan MP
HOD



Anand Viswanath. R
Principal



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Registration



Aswathy P. J.
ASWATHY. P. J.
Principals
Govt. Coll - 13 Chittur
Palakkad - 676 104
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Inauguration



Workshop *Aswathy*
Co-ordinator
ASWATHY, P. J.



Professor in Commerce
Govt College Chittur
Palakkad-678 104
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Audience



Aswathy R. J.
Aswathy R. J.
Asst. Professor in Commerce
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Technical Session



Aswathy P. J.
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Asst: Professor in Commerce
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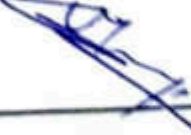


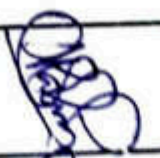





NATIONAL WORKSHOP ON MULTIVARIATE DATA ANALYSIS IN SOCIAL SCIENCE RESEARCH
SPONSORED BY DIRECTORATE OF COLLEGIATE EDUCATION, THIRUVANANTHAPURAM
ON SEPTEMBER 13, 14 & 15 2018
POST GRADUATE DEPARTMENT OF COMMERCE, GOVERNMENT COLLEGE CHITTUR, PALAKKAD

ATTENDANCE REGISTER


| SN | NAME | DESIGNATION & OFFICIAL ADDRESS | SIGNATURE | | | | | |
|----|----------------|--|------------|------------|------------|----|----|--|
| | | | 13-09-2018 | 14-09-2018 | 15-09-2018 | FN | AN | |
| 1. | Shalini Thomas | Assistant Professor, Dept. of Economics B.com. College, Kottayam | | | | | | |
| 2. | SRUTHI N NAIR | ASSISTANT PRINCIPAL Dept. of Commerce Yuvakshetha College | | | | | | |
| 3. | SMITHA-P | Asst. Prof. Govt. College Chittur | | | | | | |
| 4. | JYOTHI.K.K | | | | | | | |




























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|----|------------------|---|---|---|--|--|--|--|--|
| 5. | Swathy P. M | Asst. Professor Govt college chittur |  |  | | | | | |
| 6. | Maya. O.V | Asst Professor Govt college chittur. |  |  | | | | | |
| 7. | Anand Viswanath | Principle Govt college chittur |  |  | | | | | |
| 8. | Dr. Sarin. V.P | Dept of Electronics Govt college chittur |  |  | | | | | |
| 9. | Aparna Sureshnan | Guest Faculty Dept. of Philosophy (Psychology) |  |  | | | | | |
| 10 | Sajna. K.H | Guest Faculty Dept. of Philosophy |  |  | | | | | |




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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 11. Krishna Kumar P O Asst. Prof. Commerce P.M. Govt. College, Chalakkudy, | |  |  |  |  |  |  |
| 12. Suresh P | Asst. Professor Geography |  |  | | | |  |
| 13. Sunil Kumar KH | GOVT. Arts & Science college TVM |  |  |  |  |  |  |
| 14. Navya AH | CRGM Govt college Pambra |  |  |  |  |  |  |
| 15. Asha | govt college Thrippunithara |  |  | | | | |
| 16. Subhithra | govt college Thrippunithara |  |  | | | | |



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|----|-----------------|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| 17 | Vinayash . KA | Govt College = Hunnuru | Signature | Signature | Signature | Signature | Signature | Signature |
| 18 | Rabitha . M . V | Govt Arts College = TVM | Signature | Signature | Signature | Signature | Signature | Signature |
| 19 | ASWATHY PJ | ASST Professor, Dept. of Commerce, Govt college, Chittur | Signature | Signature | Signature | Signature | Signature | Signature |
| 20 | VINITHA . B | " | Signature | Signature | Signature | Signature | Signature | Signature |
| 21 | LEENA T.U | " | Signature | Signature | Signature | Signature | Signature | Signature |
| 22 | VINOD . G | " | Signature | Signature | Signature | Signature | Signature | Signature |

Signature



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| | | | | | | | | | |
|----|-----------------|--|--|--|--|--|--|--|--|
| 23 | KERIL JAMES | ASSISTANT, PROFESSOR. GOVT COLLEGE KALPATTI | | | | | | | |
| 24 | PRADHEESH.K | ASST. PROFESSOR, DEPT. OF COMMENCE, GOVT. COLLEGE, CHITTUR | | | | | | | |
| 25 | RADHAKRISHNAN.G | ASST. PROFESSOR, DEPT. OF COMMENCE GOVT. COLLEGE, CHITTUR | | | | | | | |
| 26 | LAKSHMANAN.M.P | ASST. PROFESSOR, DEPT. OF COMMENCE, GOVT. COLLEGE, CHITTUR | | | | | | | |
| 27 | RAJESH.P | Resource Person ASST. PROFESSOR GOVT- Engineering College, Thiruv. | | | | | | | |
| 28 | SUBHA P.P | ASST. PROFESSOR, DEPT OF Economics GOVT. College, Kottayam | | | | | | | |



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| SN | NAME | DESIGNATION & OFFICIAL ADDRESS | SIGNATURE | | | | | |
|----|-----------------|---|------------|------------|------------|--|--|--|
| | | | 13-09-2018 | 14-09-2018 | 15-09-2018 | | | |
| 29 | Abhilash. K.S | Asst. Professor TM Jais Memorial Govt. college Mannimala kummu | | | | | | |
| 30 | Sree Kala K | Asst. Professor Govt. Arts and Science college Njerchara Kozhikode | | | | | | |
| 31 | ANU. A.V | Research scholar ST. Thomas college Pala | | | | | | |
| 32 | Sudheesh. S | Research scholar Catholic college Pathamthitta | | | | | | |
| 33 | Sree Lakshmi. C | Research scholar Cochin University of Science & Technology | | | | | | |
| 34 | Misha Davis A | Research scholar CUSAT | | | | | | |



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| 35 | BITTU ANN CHACKO | Research Scholar (FDP) Dept. of Economics Govt. college, Kottayam | | | | | | | | |
| 36 | FEBIN MUHAMMED | Research Scholar Dept. of Economics Govt. college, Kottayam | | | | | | | | |
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| 38 | GIRISH. G | Asst. Professor Govt. Arts college Tiruvanduram | | | | | | | | |
| 39 | SUNIL KUMAR. S | Asst. Professor Govt. Arts college Tiruvanduram | | | | | | | | |
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| 42 | Dr. Puvasthottamam.P | ASST. Professor Govt. Arts college Tiruvanduram | | | | | | |
| 43 | Manoj kumar | ASST professor Govt. Arts & science college, Neenchandy, Kozhikode | | | | | | |
| 44 | Jandhi Pajani R | ASST. Professor Govt. college, Nedumangal, Tiruvanduram | | | | | | |
| 45 | Nidhya. | ASST. Professor SN college chelanus Kozhikode | | | | | | |
| 46 | Dr. Nimri' Dev. R | ASST. Professor Govt. college for women Tiruvanduram | | | | | | |



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| 48 | Dr. Biju S.K | Asst. Professor Govt. Arts college Tirunandavaram | | | | | | | |
| 49 | Dr. JUBAIR T | Asst. Professor Govt. college Kodanchery, Kozhikode | | | | | | | |
| 50 | Krishnan Venu | | | | | | | | |
| 51 | Anuja . S | 1st MA Economics Govt. college Chittur | | | | | | | |
| 52 | Ravathy. K | 1st MA Economics Govt. college Chittur | | | | | | | |



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| 54 | Ahira.S | 1 st MA Economics Govt college Chittur | 84 | 84 | | | | | |
| 55 | Aswathi.R | 1 st MA Economics Govt. college Chittur | 84 | 84 | | | | | |
| 56 | Rajalakshmi.M | 1 st MA Economics Govt. college Chittur | 84 | 84 | | | | | |
| 57 | Swadurga.S | 1 st MA Economics Govt. college Chittur | 84 | 84 | 84 | 84 | 84 | 84 | 84 |
| 58 | Archana.A | 1 st MA Economics. Govt. college. Chittur | 84 | 84 | | | | | |

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| 60 | Sulekanya.V | 1 st MA Economics Govt. college, Chittur | Pass | Pass | Pass | Pass | Pass | Pass | Pass | Pass |
| 61 | THEOAS . A | 1 st M.COM Govt. college Chittur | Pass | Pass | | | | | | |
| 62 | Sujanikaishudan.P.P | 1 st M.A. Economics Govt. college, Chittur | Pass | Pass | | | | | | |
| 63 | Hasnamol.M | 1 st M.A Economics Govt college chittur | Pass | Pass | | | | | | |
| 64 | Sujisha.V.S | 1 st MA Economics Govt College Chittur | Pass | Pass | | | | | | |



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| 66 | Sibinaya. A | 1 st MA Economics Govt college duthur | Signature | Signature | | | Signature | Signature |
| 67 | Prasanna. M | 1 st M.A Economics. | Signature | Signature | | | | |
| 68 | Riya. C | " | Signature | Signature | | | Signature | Signature |
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