

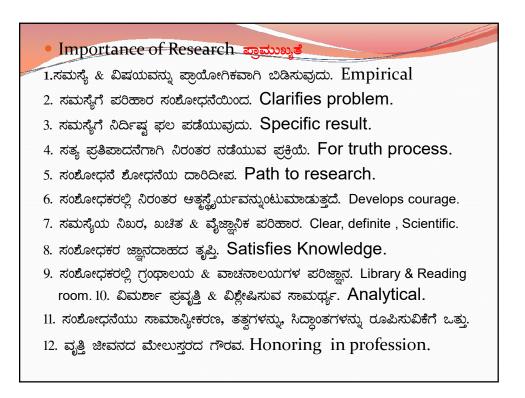
- According to J.W.BestResearch is a systematic & objective analysis and recording of controlled observations that may lead to the development of generalizations, principles, or theories, resulting in prediction and possibly ultimate control of events. ನಡೆಯಲಿರುವ ಘಟನೆಗಳನ್ನು ಮುಂದಾಗಿ ಊಹಿಸಿಕೊಳ್ಳಲು ಹಾಗೂ ಸಾಧ್ಯವಾದ ಮಟ್ಟಿಗೆ ಅವನ್ನು ನಿಯಂತ್ರಿಸಲು ಸಹಾಯಕವಾಗುವಂತಹ ಸಾಮಾನ್ಯ ತತ್ವಗಳನ್ನು ಕಂಡುಕೊಳ್ಳಲು ಸಹಾಯಕವಾಗುವಂತೆ ನಡೆಸಲು ಪ್ರಸ್ತುತ ಸಂಗತಿಗಳ ಹಾಗೂ ನಿಯಂತ್ರಿತ ವರ್ತನೆಗಳ ಕ್ರಮಬದ್ಧ ಹಾಗೂ ವಸ್ತುನಿಷ್ಠ ವಿಶ್ಲೇಷಣೆ ಸಂಶೋಧನೆಯಾಗಿದೆ.
- According to P.V. Young: "Research is a scientific undertaking which by means of logical methods, aim to discover new facts or old facts and to analyze their sequences, interrelationships, casual explanations and natural laws which govern them. ಹೊಸ ವಿಷಯಗಳ ಅನ್ವೇಷಣೆ ಅಥವಾ ಹಳೆಯ ವಿಷಯಗಳ ಪರಿಶೀಲನೆ ಮತ್ತು ಪರೀಕ್ಷೆಗಾಗಿ ಸೂಕ್ತ ಸೈದ್ಧಾಂತಿಕ ಉಲ್ಲೇಖಗಳ ಚೌಕಟ್ಟಿನೊಳಗೆ ಹೊಸ ತತ್ವಗಳನ್ನು ಬೆಳೆಸಲು ತರ್ಕಬದ್ಧ ಹಾಗೂ ವ್ಯವಸ್ಥಿತ ರೀತಿಯ ತಂತ್ರಗಳ ಮೂಲಕ ಕೈಗೊಂಡ ಶಾಸ್ತ್ರೀಯ ಅಧ್ಯಯನ ಸಂಶೋಧನೆ.



- 6. Methodical research is conducted in a methodical manner without bias using systematic method and procedures. presented or formulated as coherent body of ideas or principles (ජනාහසු)
- 7. Replicability research design and procedures are repeated to enable the researcher to arrive at valid and conclusive results. (আনতার্ভাই মিংঅ)
- 8. Controlled- steps are carefully planned not manipulated (බංගාමුම)
- 9. Novelty –(ಹೊಸತು) It is new one 10. Futuristic. (ಭವಿಷ್ಯರೂಪಿ)

ಪ್ರಾಕಲ್ಪನೆ/ಊಹೆ, ಸಮೀಕ್ಷೆ, ಸಾಮಗ್ರಿಯ ಸಂಗ್ರಹ & ಪ್ರಯೋಗ – ಇವು ಸಂಶೋಧನೆ ಎಂಬ ರಥದ ನಾಲ್ಕು ಚಕ್ರಗಳೆಂದು ಹೇಳಬಹುದು. ಸತ್ಯದ ಸಾಕ್ಷಾ ತ್ಕಾರವೇ ಸಂಶೋಧನೆ.

Qualities of a Good Researcher Research Oriented Efficient Scientific Effective Active Resourceful Creative Honest Economical Rigorism.

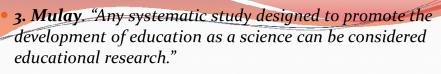


Educational Research

Meaning of Educational Research: Educational research refers to a systematic attempt to gain a better understanding of the educational process, generally with a view in improving its efficiency. It is an application of scientific method to the study of educational problems.

Definitions:

- 1. Good. "Educational research is the study and investigation in the field of education." ಶಿಕ್ಷಣ ಕ್ಷೇತ್ರದಲ್ಲನ ಅಧ್ಯಯನ ಮತ್ತು ಪರಿಶೋಧನೆಯಾಗಿದೆ.
- 2. Munroe. "The final purpose of educational research is to ascertain principles and develop procedures for use in the field of education." ಶೈಕ್ಷಣಿಕ ಸಂಶೋಧನೆಯ ಅಂತಿಮ ಗುರಿ ಶಿಕ್ಷಣ ರಂಗದಲ್ಲ ಮೂಲತತ್ವಗಳು & ಅಭಿವೃದ್ಧಿಯ ಕಾರ್ಯವಿಧಾನಗಳನ್ನು ಕಂಡುಹಿಡಿಯುವುದಾಗಿದೆ.



 4. W.M Travers - Educational research is an activity which is directed towards development in educational situation the ultimate aim of such science is to provide the knowledge to permit the educator to achieve his goal by effective method.

ಶೈಕ್ಷಣಿಕ ಸಂಶೋಧನೆಯು ಒಂದು ಪ್ರಕ್ರಿಯೆಯಾಗಿದ್ದು ಇದು ಶೈಕ್ಷಣಿಕ ವಸ್ತು ಸ್ಥಿತಿಯ ವರ್ತನೆಗಳು, ವೈಜ್ಞಾನಿಕವಾಗಿ ಅಭಿವೃದ್ಧಿ ಹೊಂದಲು ಮಾರ್ಗದರ್ಶನವನ್ನು ನೀಡುತ್ತದೆ.

Characteristics of Educational Research: (Nature)

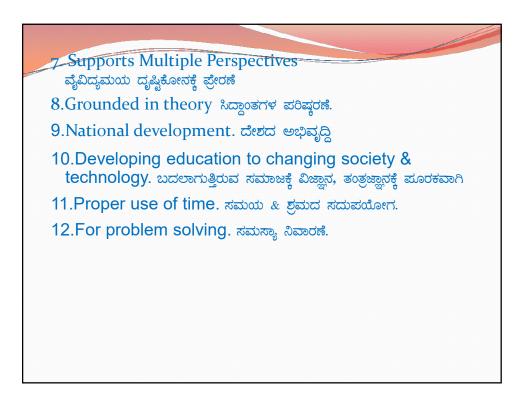
- Educational research is directed towards the solution of a problem in the field of education. It may attempt to answer a question or to determine the relation between two or more variables. মআমুনপ্রু ত্রেটকেটমাত্রে.
- 2. It emphasizes the development of generalizations, principles or theories that will be helpful in predicting future occurrences. ಭವಿಷ್ಯತ್ತಿಗಾಗಿ ಸೂಕ್ತ ತತ್ವಗಳು, ಸಿದ್ಧಾಂತಗಳು ಅಥವಾ ಸಾಮಾನ್ಯೀಕರಣ
- 3. Educational research, usually goes beyond the specific objects, groups or situations investigated and infers characteristics of a target population from the sample observed. నిర్దిಷ್ಟತೆ, ಗುಂಪು ತೊಡಗಿಸುವುದು, ಮಾದರಿ జನಸಂಖ್ಯೆಯನ್ನು ಸೂಕ್ತ ಅವಲೋಕನ.
- 4. Educational research involves getting new data from primary or first hand sources or using existing data for a new purpose. ಹೊಸ ಅಡಗಳಿಗಾಗಿ ಪ್ರಾಥಮಿಕ ಆಕರದ ಬಳಕೆ.
- 5. Educational research accepts only what can be verified by observation. Certain interesting questions do not tend themselves to research procedures. అవలೋಕನ ಪ್ರಧಾನ.
- 6. Although research activity may at times be somewhat random and unsystematic, it is more often characterized by carefully designed procedures, always applying rigorous analysis. Although trial and error are often involved, research is rarely a blind, shotgun investigation trying something to see what happens. ವಿದೇಷ ವಿಕ್ಷೇಷಣೆ, ಪ್ರಯತ್ನ – ಪ್ರಮಾದದ ಅಳವಡಿಕೆ.
- 7. Research strives to be objective and logical, applying every possible test to validate the procedures employed, the data collected and the conclusions reached. The researcher attempts to eliminate personal bias. attalag & articlag & articlag de articlaged attalaction attalaction
- 8. Research requires expertise. The researcher knows what is already known about the problem and how others have investigated. ಪರಿಣಿತತೆಯನ್ನು ನೀಡುವುದು.

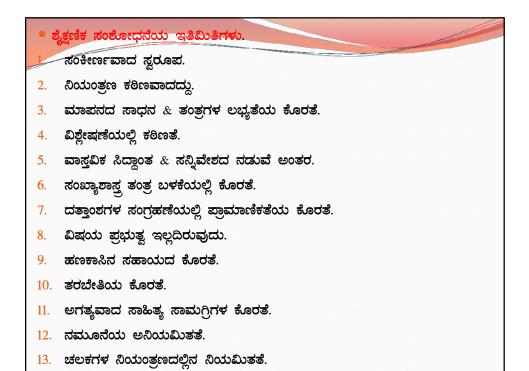
- 9. Educational research involves the quest for answers to unsolved problems. Pushing back the frontiers of ignorance is its goal and originality is frequently the quality of a good research project. المشاهي المتحافظة المتحافظة المتحافظة المتحافظة المتحافظة المحافظة المحاف
- 10. Educational research is based on insight and imagination. It needs the service of man who looks beyond the present. ਹਾਨੂਹਿਵਾਰੰਗ ಹಿಂದಿನ ಸತ್ಯದ ಹುಡುಕಾಟ.
- 11. Educational research requires interdisciplinary approach. It is related to the study of complex relations about facts. వివిధ ±ాಸ್ತಳೊಂದಿಗೆ అంతరా శం§ంధ.
- 12. Educational research is not so exact a research as physical science. In the latter we can control the events but in educational research it is not possible. an educational research it is not possible.
- 13. Educational research has a great field. Educational psychology, educational philosophy, methodology, class organization and management, child development and other subjects are the fields of research in education. వివిధ శ్రీత్రాళు.

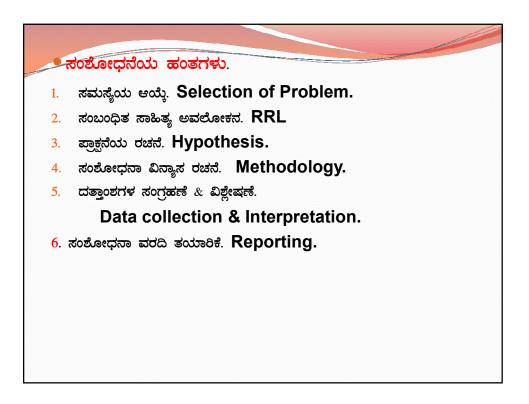
Importance of Educational research

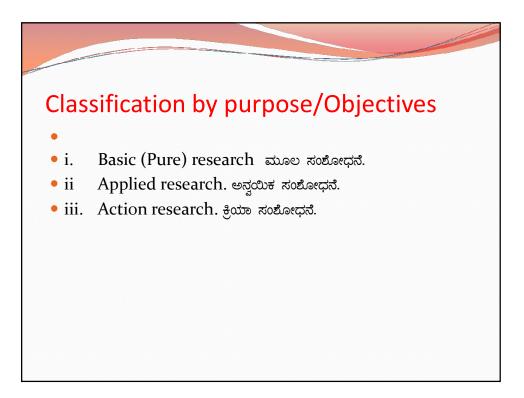
- 1. Educational research is important because of contributing knowledge development, practical improvement, and policy information. Educators can use those research findings to improve their competences and teaching and learning process Academic rewards Improving practices Facilitate learning process Verify previous findings. జర్జాలభివృద్ధి & సిద్దాంతగళు.
- 2. Academic rewards Educational research was important for most of social sciences degrees program. Without conducting a research the students don't awarded the degrees. The aims of this research is to **develop the qualities of researchers in the students** this will be the fist step for improving there practices regarding research. It is crucial for students to know that their topic of research will also reflect on their resume. addreno.

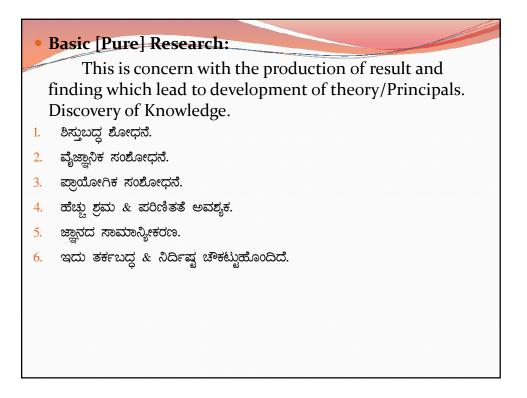
- 3. Improving practices. Educational research can suggest ways of improving practices that have been verified with many applications and by many different types of people. ভফ্যুমনেগ্ন/ জুআঁৎনিকর্ত্রা মাত্রুবর্ল.
- 4. Facilitate learning process Educational research can play a vital role in facilitating teaching and learning process It can add to what we know about how people learn and what we can do help to facilitate the learning process It enables individual to easily achieve there learning goals. ಕಲಿಕೆಗೆ ಪೋತ್ಸಾಹ
- 5. Verify previous finding Educational research can act as a test to verify previous finding. it keep moving forward for verification of the existing research findings and makes these findings modified and make them contextual for different situations. act as a context all solver all solver and the solver
- 6. Beneficial for society . ಸಮಾಜಕ್ಕೆ ಉಪಯುಕ್ತ.



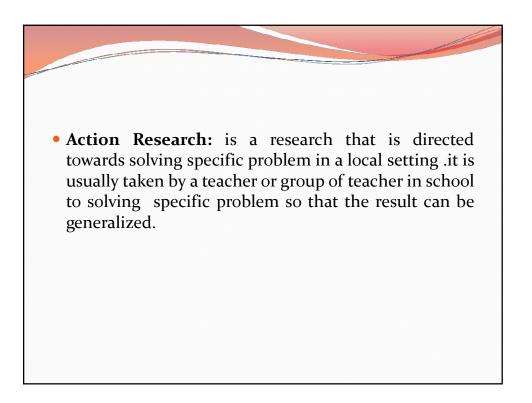


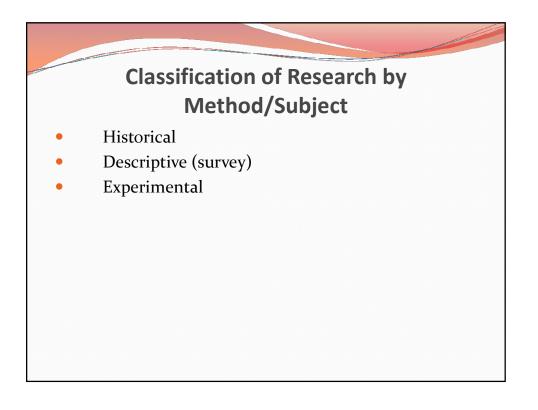


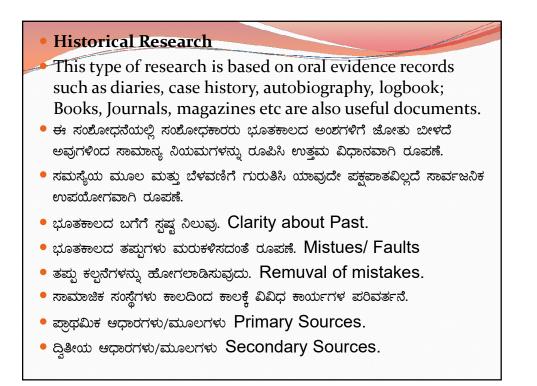


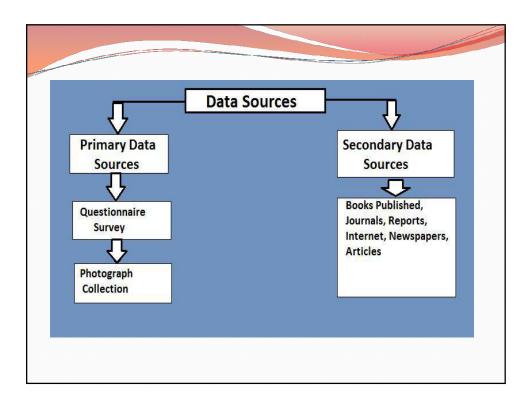


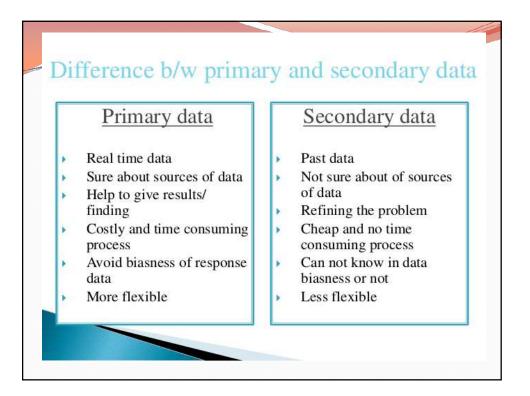












Descriptive Research

- It is also called a survey research. This type of research is based on information, interviews, (oral, written, structured, unstructured etc), inventories, rating scales, self report, observation etc. **Descriptive research is aim at fact finding of the present condition or current situation**.
- undertaken to describe answers to questions of who, what, where, when, and how.
- Types of Descriptive Research 2 Observational Method
- Interrelationship studies
 Case Study Method
 Survey Method
 Developmental studies.
- Steps of Descriptive Research Selection of the Problem, -Narrating the problem, -Identification of Data, -Selection & development of tool, -Selection of Sampling, Data analysis & Interpretation, -Reporting

