Boiled eggs & Beiled rice with doal have distinct nutritional Profiles with each offering something better than other. For now, we will consider [100gm] of both i.e. 100gm of boiled rice with down & 100gm of boiled egg (or 2 longe boiled egg). Below table represents the nutritional profile of both of amount 100gm:

	Average quantity per 100gm of Eggs	Average quantity per loogn of boiled rice
Calories	142 Cal	146.5 Kal
Carbohy drates	1.4 grams	36 groms
Proteins	12.2 grams	12 grams
Pats	9.9 g. roms	6 g. roms
Vitamins	D, Zinc, colour & all the B	B-complet aspecially B12 riboflavin
Sugars	0.3 gvom	O. I gram
Serving Size/ Daily Siz(11)	A serve of egg will Provide 500KJ-600KJ	500 KJ-600KJ

The combination of boiled rice & deal deliver a more balancel macronstrient profile, with increased carbs, moderate protein & minimal fats, compared to high protein & fat content in eggs.

Adding deal to boiled vice significantly increases the overall nutritional value by increasing the protein content. This combination also increase fiber intake, subporting digeotive health. However, it also increases the coop content, making it more energy dense than boiled egg.

While boiled eggs are a concentrated source of high-quality protein & healthy fats, they lack the fiber & complet carebs found in deal of rice. Eggs are more suitable for those Prioritizing protein & healthy fots over carebs. Both foods shows some similarity & complements each other with rice & deal being ideal for providing balanch energy & eggs for Protein intake
1. Kamal Kakri  (a) Common   Vernacular   Local Name: Kamal Kakri
(b) English Name: Lotus Rose  (c) Seasonal Use: Available during Winter Season is majority  fourth in China. In India it is present in  Kercla  (d) Nufritional Values (per 100gm)  Calories: 74 Cal; Carbs: 17g; Protein: 2.6g  Fiber: 4.9 g  Contains Vitamina, potassium & dietary libers.
2. Kokum a) (ommen Name: Kokum b) English Name: Mangosteen (Indian)  () Gassonal Type use: Typically available during the summer used in writes, beverages on Medicinal purposes d) Nutritional value (100gm)
Calories: 60 Cal; Courbs: 15 g Vitamins C & seich in antioxidents, Known for aiding digestion

5, Sahejne Ki Fali a) Common Nome: Sahejne Ki Pali b) English Name: Drum Sticks C) Drum Sessonal Use: Avalaible year avoind, but most Commonly used in Monsoon & Winter Seasons. Used in wovies, Soups & traditional Medicines. d) Nutecitional Value (Loogm) 30) Calories 64 Cal; Carbs 8.5 g; Protein 9.4 g Rich in Vitamin C, A, calcium & ivon. Known for boosting immunity & digestion. H. Ratalu(kand) a) Common Name: Ratalus b) English Name: Purple Yam () Seasonal Use: Mostly hardested in Winter, used in Various tecaditional disher on Swelte. d) Nutritional Value (100gm) Calories: 118 (al; carbs: 27g; Protein: 1.5g Piber: 49 Rich in Vitamin C, potassium & dietary fiba. Known for its antioxidant proporties & benefits in Controlling blood sugar levels. Kaddu ke Patte a) Common Name: Kaddu Ke Patte 6) English Name: Pumpkin leaves ( ) Seasonal Use: Mostly used in during the monsoon season when pumpkin vines floweigh. Often used in teaditional used in teaditional disher, souls of offir (hies.

d) Nuteritional Values (100gm) Calories: 27Eal; Carbs: 4g; Protein: 3g Fiba: 19 Rich in Vitamin A, C, calium, Iron. Known for promoting eye health.

6/ Koselle Leaves a) Common Nome: Ambadi Patta in Moratri & Gongwa in Telugu

b) English Name: Roselle Leaves

C) Seasonal Use: Typically available during mon mon coon on early winter. commonly used in pickles, chutney.

d) Nuteritional Values: (100gm) Calories: 499; Carbs: 119 Proteins 1.5g Rich in Vitamin C, ivon, calcuim & antiotidants. Known Par its ability to reduce hypertension.

Name: Abstat Raj Gaxena Roll No.: 2022054

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The standard Method for measuring the calorific content of food is BOMB CALORIMETRY. In this technique, a small sample of food is placed in a sealed, pressurised container called bomb colorimeter. The sample is then flomed which causes it to burn completely. The heat released during combustion is measured by the temperature vice in the water surrounding the container, the energy content is then calculated. This method provides a direct measurement of energy released during complete combustion, which corresponds to food's calorific value.

To give a scienceful insight, it is fewer that cooking food by any method does tend to come some of nutrients left. to breakdown. However, there are plenty of nutrients left. And cooking kills many microbes that might have contaminated the food & might have course problem. But Microwave cooking the food one of the least likely forms of cooking to its actually one of the least likely forms of cooking to damage nutrients. That's because, the longer the food cooking, the more nutrients tend to breakdown. In microwave cooking, takes less time. So cooking in an oven is move likely to cause some loss of nutrients than in oven is move likely to rob microwave. And boiling regetables is move likely to rob them of nutrients than either cooking then in microwave or them of nutrients than either cooking then in microwave or

b) Refrigeration is one of the best may to present food born illness. So refrigeration doesn't destroys nutrient. In simple words, it slows down at time cut low temperature on longer of the food stays in refrigerator, the slower it get spoiled. Most nutrients in cooked foods are relatively stable during refrigeration. Vitamins like Vitamin C may see some degradation ovar time, but majority of nutrients are well as preserved.

() "Eating GIMO plants is no more risky than their non-GIMO Equivalent".

First of all for plants, 61MO is used to produce a more nutrient rich crop. This modification strictly increases the production cost of it affects for more insects which leads to more investments on pesticides. This all leads to a tight budget which farmers usually don't have, so they don't prefer it. Note, by MO plants consumption is not risky because before reaching to market, it get of verified on the basis of its nutrients by various industries. But 61MO plants are generally modified in such a way that they are harmful to insects but consumable to humans.

For animals, 4MO noted great potential in many fields including agriculture, medicine, but the teransfer of genetic material from one species to another vaises potentially serious realth is sue for them. In many Case, selective breeding is just as effective as GIMO case, selective breeding is just as effective as GIMO

to dolon't cavry the some rick. So conclusively, there is a great potential of 4MO in plants with low risk but there is great potential of GIMO in animal with nigh risk (8a) Culinary Diet platform: A platform designated for personalized diets based on an individual's genetics, that predicts responses to certain foods of beneficial for long term health. b) Texture Tech 30 printer: A specialized 30 lood printer that can to create complex textures by manipulating lood bolyman based on computational Model. It is soneticial because it emits culinary innovation by improved accordity. () Robotic Chefs: Advanced Pobotics could automate Youtine kitchen tasks, Such as chothing, cooking which is a revolution of in Gasternamic field. d) MicroBalancer: An AI System that analyses on adjusts fermentation perocesses in real-time for optimal microbial balance in books. e) Nutrients - Optimized plant-Based Next: The Pormulation of plant-Based Meat with imperoued nutricitional profiles.

Specifically targetting deficits in essential nutricents.

ft) Erythrital-Stevia Brendo: Combinations that balone erythrital-Stevia Brendo: Combinations that balone erythrital-stevia's cooling effect with stevia's intense sweetness closely approximating sugar's taste of mouthfeel.

- (1) Virtual Reality Culinary Experience: Iromersive VR experience could allow users to taste & experience different cuisines from around the world
  - h) Waste Analytics: The System teachs food waste over time, providing insights to help were improve that habits.
  - Distainable Journing Recommendations: Algorithms can promote the use of locally sourced, seasonal ingredients, reducing the carbon footperint associated with transportation of the waste of out of season produce that may not sell quickly.
  - I) Adedicated AI for cgas: A dedicated AI which works on trained on exterence of huge data of cgas like from flavords which is much more accorde than the other AI.
  - K) Flavor & Smell Detector: Yet a hard task but this bronch has potential to work on Plavor or Smell detection through working on the molecular structure of ingredients.