



UAS
Amritsar



Writing Pad
No. 33



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(1)

Date / /

University of Agricultural Sciences

Bangalore. Estd 1962

48th Convocation

Dr K. Narayana Gowda

Vice-Chancellor

Golden Jubilee Year 2013-14

Golden Jubilee Convocations

Abraham Lincoln: Land Grant

College

VC, Faculty

Congratulations

Students

Parents

DSS&P

Ramakrishna Hegde, C.D - Hon of

II Agriculture - Not just a
 Food Producing Machine
 but the backbone of the
 livelihood security system of
 over 1.5 bn people

UAS Non-farm activities

Biofuel

Battery

Print Processing

Value chain enhancement

Demonstrates in the Haryana
Valley

IV (a) Breeding & improves potential

(b) Ag. University, Helps to realize
the potential

(c) Breeding for high yield
Breeding for High Yield

(c) Public Policy: delectomics
economics - MSP at
Procurement

(d) Scientific skill
Political will
Farmers' Toil

V Economy & power of scale
 & small producers

Integration of Producers
 by classes into Mass
 Producers. eg Milk

Vegetables &
 Fruits

Producer Companies

Commodity Centred Associations

↳ Badan Single Market

VI NRBCA

Need for farm machinery

Need: Agricultural Engineering

Revolutions

VII 2014: 2nd Year of Parity
Parity

2014, 2nd Year of Parity

2018? 2nd Year of

Underutilised and
ho+fortified asps

VIII
→

New Technologies

Information Technology

Community Radio, Internet,
Computers, Mobile Telephony

Synergy between wireless
& Mobile Telephony

Biotechnology 61 years growth

Synthetic Biology 31 years of growth ^{serif} was

(7)

Date / /

ATMO embryology

Testing under Controlled
Conditions

Release - Regulatory

Medical, industrial and
environmental biotechnology

Need: ~~Not~~

Natural Biotechnology
and Biosafety Regulatory

Difficult

All India coordinated

Trials with ATMOs - Coordinated

- a Biosafety expert

8

Public Good Research

Small farmer friendly -
Varieties

Malnutrition Rice India

From Food Security to

Nutrition Security

- Under-nutrition - Calorie
deficiency

- Protein Deficiency

- Hidden Hunger

Fe, iodine, zinc etc

Biotechnology / Nature

Brady

CRISPR - Golden
Rice

Food & sur - food factors
 — drinking water, sanitation

CAUSA

Barry agriculture with
 nutrition -

Nutritional Debilities

Agricultural Practices

1st Year of Family Farming

Every Family Farm
 into a modern farm.

Community Based Righters

Organic Farming

Unholy trife alliance
of pests, pathogens & weeds

University's Role

in Public Education

Faculty - Student
Committee on Public

Understanding of
Science

Committee on Political
Understanding of Soc

Last

Prin V. Khakhria

Future belongs to Nations

Hans

With grain a out food

Major Points

I Golden Jubilee - Agrarian Reforms

Connection with the Sovereignty
of land & other features

-1988

II VAC's Sufferers

On-farm productivity

Off-farm income &
employment

Agriculture: Back to 70s

Guaranteed security system

III 2013 - Historic Year

Shift to Growth & Right

Focus

to Focus
Technology & Public Policy

IV Conferring the power of
Scale - Mass production +
Production by Mass - of
MSB

Monsoon + the Market
 Indian Single Market

V New Technologies

• ICT

• BT - CMOs, CMOs, CMOs

National Biotechnology

and Biosafety Regulatory

Both only

• Organic Farming ? Verbally

triple alliance of weeds, pests +
 farmers

VII Palnutrition From India

From Food to Nutrition

Security

- Calorie: 2014: Int. Year of Family Farming
- Protein Hunger. 2016: Int. Year of Oats
- Hidden Hunger: 2020 -
Int. Year of Underutilized & Biofortified crops

VIII Price Volatility

Future belongs to Nations

Committee on

Political Understudy

Public Understudy

with grains & not just

