



M.E.S. Vasant Joshi College of Arts and Commerce
Zuarinagar, Goa-403726

Accredited by NAAC with 'B+' Grade: CGPA 2.68 (4th Cycle)
Affiliated to Goa University

DEPARTMENT OF ECONOMICS, IQAC & IIC
IN COLLABORATION WITH
DIRECTORATE OF HIGHER EDUCATION
ORGANIZES

Experiential Field Trip to
FiIRE (Forum for Innovation Incubation Research and
Entrepreneurship, MARGAO-GOA)

As part of the Workshop
AI in Agriculture & Rural Economy

16TH MARCH 2026
08:30 AM TO 1:30 PM

Dr. Gouri K. Manerkar
Head, Dept. of Economics

Shri . Sandeep Kadam
Head, Department of IT

Dr. Deepak D. Gosavi
IIC & ED Convenor

Dr. Champa R. Parab
IQAC, Chairperson

Dr. Manasvi M. Kamat
Professor & Principal

MURGAON EDUCATION SOCIETY'S

VASANT JOSHI COLLEGE OF ARTS & COMMERCE

Zuarinagar, Goa-403726

Affiliated to Goa University, Accredited by NAAC with B+ Grade (4th cycle)

ACADEMIC YEAR 2025-2026

REPORT OF THE WORKSHOP ON AI IN AGRICULTURE AND RURAL ECONOMY

B.A./ B.Com students

Department: Department of Economics / Department for IT

- **Date:** 16th March 2026
- **Venue:** Fiire
- **Organised by:** Dept. of Economics/ Dept. of IT in association with IQAC, IIC & DHE
- **Programme:** Experiential Field visit
- **Participants:** 4 faculties and 60 students
- **No. of Participants:** 60 (49 Females & 11 Males)

Report in brief:

The Department of Economics and IT, along with IQAC, IIC, and DHE, organized an experiential learning event for Fiire on 16th March 2026. This program aligned with the institution's SDG goals, focusing on SDG 4: Quality Education. The trip was part of the DHE scheme on AI in Agriculture and Rural Economy, showing a live demo of AI in farming. Fiire, an incubation center, introduced Neural Kissan, an agri-tech initiative using indoor hydroponic systems with AI to produce fresh, chemical-free strawberries. It aims to solve issues in agriculture, such as imported produce, freshness, pesticide use, and seasonal availability. Neural Kissan's hydroponic method grows crops in nutrient water under controlled conditions, eliminating pesticides and weather risks. Its AI system monitors and adjusts environmental factors, ensuring faster growth, higher yields, and consistent quality. Featuring strawberries, which are sensitive and mainly imported, Neural Kissan provides local, fresh produce year-round, delivered within 24 hours post-harvest. Operating in Goa with the first harvest in March 2026, the project promotes local, chemical-free farming and sustainable food systems. Overall, Neural Kissan offers an efficient, innovative farming

approach that ensures high-quality crops and modernizes agriculture.

Remark: The experiential learning programme at Fiire was a valuable initiative that enhanced students' understanding of AI in agriculture and sustainable farming practices. It strengthened practical learning, promoted technological awareness, and aligned with SDG 4: Quality Education.



G. K. Manerkar
Dr. Gouri K. Manerkar
Head, Dept. of Economics

Sandeep Kadam
Assoc. Prof. Sandeep Kadam
Head, Dept. of IT

Manasvi M. Kamat
Dr. Manasvi M. Kamat
Professor & Principal



Murgaoon Education Society's
VASANT JOSHI COLLEGE OF ARTS & COMMERCE
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Ref.No.F35/AC-07/2025-26/ 3887

Date: 14-03-2026

To
The Manager
Operation & MarCom
FiiRE (Forum for Innovation Incubation
Research and Entrepreneurship)
Fatorda-Goa.

Sub.: Deputation Letter

Sir,

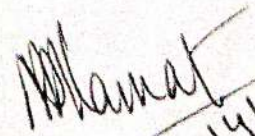
We are Pleased to depute below mentioned faculty to accompany the B.A./ B.Com. students (list enclosed) of our college for an Experiential Learning Visit on 16th March, 2026 at FiiRE .

Sr .No.	Name of the Faculty	Designation
1	Shri. Sandeep Kadam	Associate Professor, Dept. of Information Technology
1	Dr. Gouri K. Manerkar	Associate Professor in Economics
2	Dr. Rajesh V. Shetgaonkar	Assistant Professor in Economics
3	Dr. Deepak Gosavi	Assistant Professor in Economics

Thanking you.



Yours faithfully,


(Dr. Manasvi M. Kamat)
Principal
14/3/26

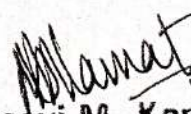
Encl: List of the Student

Sr. No.	Class	Roll No	Gender	Div	Name
1	SYBA	2407227	F	C	Sana Walikar
2	SYBA	2407213	F	C	Fiza Shaikh
3	SYBA	2407229	F	C	Sumitra Madar
4	SYBA	2407102	M	B	Anand Kamani
5	SYBA	2407019	F	A	Divya Harsijan
6	SYBA	2407009	F	A	Amreen Torgal
7	SYBA	2407133	F	B	Nitya Bind
8	TYBA	2301055	F	A	Sujata Goudar
9	TYBA	2301020	F	A	Khushboo Bind
10	TYBA	2301220	F	C	Yashoda Manna
11	SYBA	2407135	F	B	Pooja Sharma
12	SYBA	2407145	F	B	Sanchita Mali
13	SYBA	2407107	F	B	Ashwini Holyar
14	SYBA	2407028	F	A	Lara Rodrigues
15	SYBA	2407031	M	A	Prince Mandal
17	SYBA	2407042	M	A	Sajid Qureshi
18	FYBA	2507144	M	B	Rudresh Yadav
19	FYBA	2507158	F	B	Uma Madikeshwar
20	FYBA	2507117	F	B	Khushboo Yadav
21	FYBA	2507137	F	B	Shraddha
22	SYBCOM	2405225	M	A	Muthu Madar
23	SYBCOM	2405129	M	A	Rahul Jadav
24	SYBCOM	2405039	F	A	Saisha Chodankar
25	SYBCOM	2405050	F	A	Shivangi Naik
26	SYBCOM	2405204	F	A	Ankita Barade
27	SYBCOM	2405231	F	A	Prachi Kalgutkar
28	SYBCOM	2405221	F	A	Jyoti V. Malloh
29	SYBCOM	2405257	F	A	Yesyesvini
30	SYBCOM	2405203	F	A	Anamika Pal
31	SYBCOM	2405242	F	A	Siddhi
32	SYBCOM	2405015	F	A	Pavitra Hugar
33	SYBCOM	2405109	F	A	Anjali Dara
34	SYBCOM	2405107	F	A	Ashwini Talwar
35	SYBCOM	2405147	F	A	Velancy. J
36	SYBCOM	2405244	F	A	Sneha Madar
37	SYBCOM	2405118	F	A	Kruppa Thakar
38	SYBCOM	2405101	F	A	Aditee Gawde
39	SYBCOM	2405122	F	A	Muskan Kadpi
40	FYBA	2507029	F	A	Natasha Narvekar



41	FYBA	2507035	F	A	Prachi Narvekar
42	FYBA	2507008	F	A	Ayushi Malvankar
43	FYBA	2507057	F	A	Sushiti Mandrekar
44	SYBCOM	2405214	F	A	Gauri Ade
45	SYBCOM	2405234	F	A	Rushali Parab
46	SYBCOM	2405207	F	A	Ashwini Nagarai
47	SYBCOM	2405243	F	A	Sinchana Gowda
48	SYBCOM	2405253	F	A	Vinita Rathod
49	SYBCOM	2405220	F	A	Jenisha D'Souza
50	SYBCOM	2405237	M	A	Saish Mahindrakar
51	FYBA	2507105	F	B	Anjali Mali
52	FYBA	2507113	F	B	Hawabi Shaikh
53	SYBCOM	2405238	M	A	Sandeep S. Vhanmore
54	SYBCOM	2405021	M	A	Mahmad Irfan Najib
55	FYBA	2507016	F	A	Heena Shaikh
56	FYBA	2507025	F	A	Muskan
57	SYBA	2405045	F	A	Seefa Shaikh
58	SYBA	2405004	M	A	Aditya
59	SYBA	2405211	F	C	Dasalim Shaikh
60	TYBA	2301252	M		Hanuman




Dr. Manasvi M. Kamat
 Professor & Principal
 M.E.S. Vasant Joshi College of Arts & Commerce
 Zuarinagar Goa.

SDG- Compliant Institute Initiative
SDG-4 & SDG -11

27 SYBLOW
A

Academic Year 2025-2026

Department of Economics & IT

in Collaboration with Directorate of Higher Education, (DHE),

Govt. of Goa, IQAC & IIC

Organizes

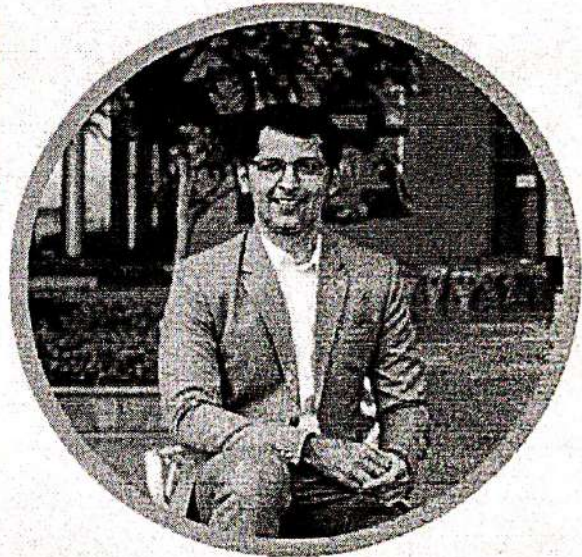
Session on

AI in the Agricultural Sector & Rural Economy

Resource Person

Dr. Gaurang S. Patkar

Professor & Head of
Computer Engineering Dept.,
Don Bosco College of
Engineering, Fatorda- Goa



 **Date: 3rd February 2026**

 **Time: 11:30 a.m. onwards**

 **Venue: Prin. M.S. Kamat Seminar Hall**

Dr. Gouri K. Manerkar
Head, Dept. of Economics

**Assoc. Prof. Sandeep
M. Kadam**
Head, Dept. of IT

Dr. Deepak D. Gosavi
Entrepreneurship Development
& IIC Convenor

Dr. Champa R. Parab
IQAC Coordinator

Dr. Manasvi M. Kamat
Professor & Principal



**MURGAON EDUCATION SOCIETY'S
VASANT JOSHI COLLEGE OF ARTS & COMMERCE**

ZUARINAGAR, GOA – 403726

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ACADEMIC YEAR 2025–2026

REPORT OF THE ACTIVITY

Session on “AI in the Agricultural Sector & Rural Economy”

Organized By: Department of Economics & Department of IT

In Collaboration With: Directorate of Higher Education (DHE), Govt. of Goa, IQAC & Institution's Innovation Council (IIC)

Date: 3rd February 2026

Time: 11:30 a.m. onwards

Venue: Prin. M. S. Kamat Seminar Hall

Resource Person: Dr. Gaurang S. Patkar, Professor & Head, Computer Engineering Department, Don Bosco College of Engineering, Fatorda – Goa

Participants: 106 (23 Males Students & 83 Female Students)

Report in Brief:

The Department of Economics and Department of IT, in collaboration with the Directorate of Higher Education (DHE), Government of Goa, IQAC, and the Institution's Innovation Council (IIC), organized an informative session titled “AI in the Agricultural Sector & Rural Economy” on 3rd February 2026 at Prin. M. S. Kamat Seminar Hall. Dr. Anson Leopold Albuquerque, Assistant Director (Academics), Directorate of Higher Education, Government of Goa, was invited as the Observer for the session. The programme was conducted as part of the SDG-Compliant Institute Initiative, aligning with SDG-4 (Quality Education) and SDG-11 (Sustainable Cities & Communities), with the objective of enhancing students' awareness about the application of Artificial Intelligence in agriculture and rural development.

The session witnessed active participation from students and faculty members of the Departments of Economics and IT. The program commenced with a brief introduction of the resource person, Dr. Gaurang S. Patkar, who is a distinguished academician and the Professor and Head of the Computer Engineering Department at Don Bosco College of Engineering, Fatorda–Goa. His expertise in emerging technologies and their real-world applications added immense value to the session.

Dr. Patkar delivered an insightful and engaging talk highlighting how Artificial Intelligence is transforming the agricultural sector and strengthening the rural economy. He explained the role of AI in precision farming, crop

monitoring, weather forecasting, soil analysis, and efficient resource management. Through practical examples, he demonstrated how digital tools and data-driven systems can help farmers improve productivity, reduce risks, and adopt sustainable practices.

The resource person also emphasized the importance of integrating technology with traditional agricultural knowledge to achieve balanced rural development. He discussed the potential of AI in supporting rural entrepreneurship, supply chain management, and market linkages for farmers. The session provided students with a broader understanding of how innovation and technology can contribute to economic growth and sustainability in rural areas.

Students showed keen interest throughout the session and actively interacted with the speaker. They raised thoughtful questions regarding the accessibility of AI tools in rural regions, employment opportunities in agri-tech, and ethical considerations in technology adoption. Dr. Patkar addressed their queries with clarity and encouraged students to explore interdisciplinary learning and research opportunities in the field of AI and development economics.

The session also highlighted the need for future-ready skills such as digital literacy, analytical thinking, and problem-solving to meet the evolving demands of the agricultural and rural sectors.

Remark:

The program concluded successfully with positive feedback from students and faculty members. Participants expressed that the session enhanced their understanding of the transformative role of Artificial Intelligence in agriculture and rural development. The initiative promoted awareness, innovation, and responsible technology use, making it a meaningful and enriching learning experience aligned with sustainable development goals.



G-K. Manerkar
Dr. Gouri K. Manerkar

Head, Department of Economics

M. Kamat
Dr. Manasvi M. Kamat
Professor & Principal



M.E.S Vasant Joshi College of Arts and Commerce

Zuarinagar, Goa

Department of Economics

AI in the Agricultural Sector and Rural Economy

B.A

Date: 03/02/2026

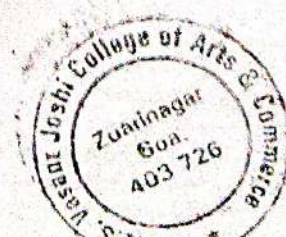
Venue: Prin. M.S. Kamat Seminar Hall

Time: 11:30 am onwards

Sr. No.	CLASS	Enrollment No.	M/F	DIV	Applicant Name	Signature
✓ 1.	SYBA	2407227	F	C	Sana Walikar	allikes
✓ 2.	SYBA	2407213	F	C	Fiza Shaikh	Faith
✓ 3.	SYBA	2407229	F	C	Sumitra Madan	Madan
✓ 4.	SYBA	2407102	M	B	Anand Lamani	Anand
5.	SYBA	2407207	F	C	Bhageshree Harijan	Bh.
6.	SYBA	2407206	M	C	BASAVARAJ TALWAL	Basavaraj
✓ 7.	SYBA	2407019	F	A	Divya Harijan	Divya
✓ 8.	SYBA	2407009	F	A	Amreen Torgal	Amreen
✓ 9.	SYBA	2407133	F	B	Nitya Bind	Nitya
10.	TYBA	2301055	F	A	Sujata Goudar	Sujata
11.	TYBA	2301020	F	A	Khushboo Bind	Khushboo
12.	TYBA	2301220	F	C	Yashoda Manna	Yashoda
13.	TYBA	2301224	M	C	Akshat Kushbaha	Akshat
14.	SYBA	2407135	F	B	Pooja Sharma	Pooja
15.	SYBA	2407145	F	B	Sanchita Mali	Sanchita
16.	SYBA	2407107	F	B	Ashwini Holgar	Ashwini
✓ 17.	SYBA	2407028	F	A	Lara Rodrigues	Lara
✓ 18.	SYBA	2407031	M	A	PRINCE MANDAL	Prince
19.	SYBA	2407136	M	B	Prakash Rathod	Prakash
20.	SYBA	2407042	M	A	SATID PURESHTI	Satid



Sr. No.	CLASS	Enrollment No.	M/F	DIV	Applicant Name	Signature
21.	FYBA	2507058	F	A	Vaishnavi Girap	
22.	FYBA	2507010	F	A	Dhaanika Kadam	
23.	FYBA	2507127	M	B	Nikhil Jaiswal	
24.	FYBA	2507123	F	B	Marisa Chavan	
25.	SYBA	2407103	F	B	Ansu Gupta	
26.	SYBA	2407017	F	A	Deepika Kumari shah	
27.	FYBA	2507047	F	A	Sanjali Jaiswal	
28.	FYBA	2507119	F	B	Mitali Yadav	
29.	FYBA	2507122	F	B	Manisha Prajapat	
30.	FYBA	2507127	M	B	Nikhil Jaiswal	
31.	FYBA	2507144	M	B	Rudresh Yadav	
32.	SYBcom	2405080	F	A	Muskan Chapekband	
33.	FYBA	2507151	F	B	chandrakala harjar	
34.	FYBA	2507158	F	B	Uma Madikeshwar	
35.	FYBA	2507117 2507158	F	B	Khushboo Yadav	
36.	FYBA	2507021	F	B	Rahul Lamin	
37.	FYBA	2507141	M	B	SAGAR CHAWAN	
38.	FYBA	2507108	M	B	ASTF	
39.	FYBA	2507118	F	B	Komal Nabapur	
40.	FYBA	2507007	F	A	ABIVA AHAMED	
41.	SYBcom	2405060	F	A	Vidika Pal	
42.	SYBcom	2405047	F	A	Shaheen Shaikh	
43.						
43	FYBcom	2505123	F	B	Disha Chopra	
44	FYBcom	2505159	F	B	Sri Kanya	



M.E.S Vasant Joshi College of Arts and Commerce

Zuarinagar, Goa

Department of Economics

AI in the Agricultural Sector and Rural Economy

B.Com

Date: 03/02/2026

Venue: Prin. M.S. Kamat Seminar Hall

Time: 11:30 am onwards

Sr. No.	CLASS	Enrollment No.	M/F	DIV	Applicant Name	Signature
45	SY Bcom	2405218	M	A	Lian Carvalho	<i>Lian</i>
46	SY Bcom	2405225	M	A	Muthu Madar	<i>Muthu</i>
47	SY Bcom	2405129	M	A	Rahul Jadav	<i>Rahul</i>
48	SY Bcom	2405260	M	A	Seemdi	<i>Seemdi</i>
49	SY BCOM	2405039	F	A	Saisha Chodankar	<i>Chodankar</i>
50	SY BCOM	2405050	F	A	shivangi Naik	<i>Naik</i>
51	SY BCOM	2405142	F	A	Shreya yadav	<i>Shreya</i>
52	SY BCOM	2405111	F	A	Divya Padwalkar	<i>Padwalkar</i>
53	FY BCOM	2505150	F	B	Saaita Sharma	<i>Sharma</i>
54	FY BCOM	2505139	F	B	Preeti Sharma	<i>Sharma</i>
55	FY BCOM	2505151	F	B	Seema Lamani	<i>Seema</i>
56	FY BCOM	2505135	F	B	Nafisa Nagari	<i>Nagari</i>
57	FY Bcom	2505154	M	B	Shivanand Bhandari	<i>Bhandari</i>
58	FY Bcom	2505145	M	B	Sadguru Patekar	<i>Sadguru</i>
59	FY BCOM	2505147	F	B	Salma J. Shaikh	<i>Shaikh</i>
60	FY BCOM	2505148	F	B	Sanchita Naik	<i>Naik</i>
61	FY BCOM	2505137	F	B	Qasvi S. carapurcar	<i>Qasvi</i>
62	SY Bcom	2405052	F	A	Snena Singh	<i>Singh</i>
63	SY Bcom	2405204	F	A	Ankita Barade	<i>Barade</i>
64	SY Bcom	2405231	F	A	Prachi Kalgutkar	<i>Kalgutkar</i>



Sr. No.	CLASS	Enrollment No.	M/F	DIV	Applicant Name	Signature
65	F.Y Bcom	2505002	M	A	Aditya Bardekar	<u>Aditya</u>
66	SY Bcom	2405060	F	A	Vidika Pal	<u>Vidika</u>
67	SY Bcom	2405047	F	A	Shaheen Shaikh	<u>Shaheen</u>
68	SY Bcom	2405221	F	A	Jyoti .v. Mallah	<u>Jyoti</u>
69	SY BCOM	2405257	F	A	Yesyesvini	<u>Yesyesvini</u>
70	SY BCOM	2405203	F	A	Anamika Pal	<u>Anamika</u>
71	SY BCOM	2405242	F	A	Siddhi	<u>Siddhi</u>
72	SY BCOM	2405015	F	A	Pavitra Hugar	<u>Pavitra</u>
73	F.Y BCOM	2505040	F	A	Sadiya Mulla	<u>Mulla</u>
74	F.Y. B.COM	2505060	F	A	Zaira Rotiwala	<u>Zaira</u>
75	FYBA	2507151	F	B	Shraddha Pal	<u>Shraddha</u>
76	SY B.COM	2405109	F	A	Anjali Darg	<u>Anjali</u>
77	SY. B.COM	2405107	F	A	Ashwini Talwar	<u>Ashwini</u>
78	SY. B.COM	2405147	F	A	Velamby. J	<u>Velamby. J</u>
79	SY BCOM	2405244	F	A	Snaha Madar	<u>Snaha</u>
80	SY BCOM	2405036	F	A	Roshani Naik	<u>Roshani</u>
81	SY BCOM	2405012	F	A	Diya Wadkar	<u>Diya</u>
82	SY BCOM	2405012	F	A	Firdoz Shaikh	<u>Firdoz</u>
83	SY BCOM	2405045	F	A	Sayukta Haldankar	<u>Sayukta</u>
84	SY BCOM	2405202	F	A	Aislinn Dias	<u>Aislinn</u>
85	SY BCOM	2405118	F	A	Kruppa Thakur	<u>Kruppa</u>
86	SY BCOM	2405101	F	A	Adilee Gawde	<u>Adilee</u>
87	SY BCOM	2405122	F	A	Mustan Kadfi	<u>Mustan</u>
88	SY BCOM	2405221	F	A	Namita Hulsar	<u>Namita</u>
89	FYBA	2507029	F	A	Natasha Narvekar	<u>Natasha</u>
90	FYBA	2507035	F	A	Prachi Narvekar	<u>Prachi</u>
91	FYBA	2507008	F	A	Piyush Malvankar	<u>Piyush</u>
92	FYBA	2507057	F	A	Sushiti Mandrekar	<u>Sushiti</u>

Sr. No.	CLASS	Enrollment No.	M/F	DIV	Applicant Name	Signature
93	SY Bcom	2405214	F	A	Gauri Ade	Gauri
94	SY Bcom	2405234	F	A	Rushali Parab	Parab
95	SY Bcom	2405207	F	A	Ashwini Nagaral	Ashwini
96	SY Bcom	2405243	F	A	Sinehana Gowda	Gowda
97	SY Bcom	2405253	F	A	Vinita Rathod	Rathod
98	SY Bcom	2405220	F	A	Tenisha D'souza	Tenisha
99	SY Bcom	2405237	M	A	Saish Mahindrakar	Saish
100	SY Bcom	2405222	M	A	Kamlesh Prakash	Prakash
101	SY Bcom	2405209	M	A	Babaji Dicholkar	Dicholkar
102	SY Bcom	2405205	M	A	Anjun Sonse	Sonse
103	SY Bcom	2405014	M	A	Hritik Lotlikar	Lotlikar
104	FYBA	2507105	F	B	Anjali Mali	Mali
105	FYBA	2507113	F	B	Hawabi Shaikh	Shaikh
106	SY Bcom	2405238	M	A	Sandeep S. Vhanmore	Vhanmore
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G. K. Manerkar
Dr. Gouri K. Manerkar
Head, Department of Economics



Dr. Manasvi M. Kamat
Professor & Principal