



SYMBIOSIS INSTITUTE OF GEOINFORMATICS
Symbiosis International (Deemed University)

(Established under section 3 of the UGC Act, 1956 vide notification No. F.9-12/2001-U3 Govt. of India)

Re-accredited by NAAC with 'A' grade

Founder : Prof. Dr. S. B. Mujumdar, M. Sc., Ph. D. (Awarded Padma Bhushan and Padma Shri by President of India)

**Curriculum Feedback
Collection,
Analysis and Action Taken
Report
For
Academic Year 2021-2022**

5th& 6th Floor, Atur Centre, Gokhale Cross Road, Model Colony, Pune 411 016, Maharashtra, India.

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Action Taken Report on Students Feedback
for Academic Year 2021-2022

Name of the Program: Master of Science (Data Sciences and Spatial Analytics)

Sr. No.	Particulars/Action Point	Action Taken
1	The students suggested that, instead of teaching basics of programming, Python could start at mediate level	Reviewed the syllabus and started with considering prior programming language
2	Include data mining related course in the first semester	Shifted data mining and algorithm in the first semester
3	Introduce block chain related courses	Added block chain technology course in the semester III as an elective course
4	Object oriented python programming should be included	Reviewed the syllabus as per the feedback

Vidhya

Prof.(Dr.) T.P. Singh

for
Director



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Action Taken Report on Faculty Feedback
for Academic Year 2021-2022

Name of the Program: Master of Science (Data Sciences and Spatial Analytics)

Sr. No.	Particulars/Action Point	Action Taken
1	The faculty suggested that, instead of data mining, the course name should be Machine learning	Changed the name as Machine Learning and added in Semester I
2	Shifting of programming for spatial sciences in semester II	Shifted the course of programming in spatial sciences in semester II

Vidhyar
for Prof.(Dr.) T.P. Singh
Director



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Action Taken Report on Alumni Feedback
for Academic Year 2021-2022

Name of the Program: Master of Science (Data Sciences and Spatial Analytics)

Sr. No.	Particulars/Action Point	Action Taken
1	Introduce the course related to block chain and data Wrangling as per industry demand	Added block chain technology course in the semester III as an elective course and plan to introduce course on Data Wrangling as a flexi credit course after the approval of BOS

Vidhya
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Action Taken Report on Employers Feedback for Academic Year 2021-2022

Name of the Program: Master of Science (Data Sciences and Spatial Analytics)

Sr. No.	Particulars/Action Point	Action Taken
1	The curriculum feedback was good	Not applicable

Nidhya
Prof.(Dr.) T.P. Singh

for Director



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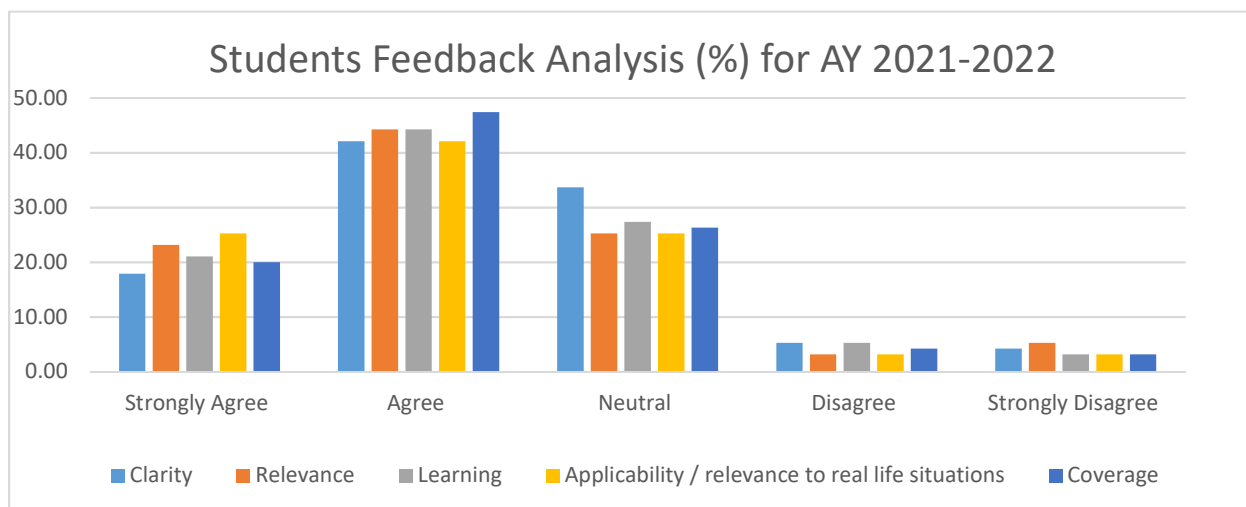
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Detailed Feedback Analysis and Review for Academic Year 2021-2022

Sr. No.	Stakeholder	Number of Respondents
1	Students	95
2	Teachers	11
3	Employers/Industry Experts	01
4	Alumni	02

Student's Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Clarity	17.89	42.11	33.68	5.26	4.21	100.00
Relevance	23.16	44.21	25.26	3.16	5.26	100.00
Learning	21.05	44.21	27.37	5.26	3.16	100.00
Applicability / relevance to real life situations	25.26	42.11	25.26	3.16	3.16	100.00
Coverage	20.00	47.37	26.32	4.21	3.16	100.00



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Name of the Institute: Symbiosis Institute of Geoinformatics

Name of the Program: Master of Science [Data Science & Spatial Analytics]

Students Feedback for design and review of syllabus

Academic Year: 2021-2022 [Batch 2021-2023]

SIG collects feedback from the graduating students. SIG have designed a feedback form inculcating the views and suggestions on curriculum development received from them

No. of Respondents : 66

Sr. No	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	I was informed about our expected competencies, course outcomes (CO) and program outcomes(PO)*	11	30	21	4	2
2	The curriculum is relevant to and provides for flexibility to meet my learning needs	15	31	16	2	3
3	Adequate co-curricular learning opportunities are provided to me to support the curricular learning	13	32	17	3	1
4	The course is relevant to the industry requirements.	16	31	15	2	1
5	The number of hours allocated to the course are adequate.	12	35	15	3	1

Sr. No	Question	Yes	No
1	The topics were overlapping with the courses taught earlier / during the semester. If Yes, name such topics with course details	1	65
2	Placement of the course is in appropriate semester. If No, please specify the correct semester	66	0

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Name of the Program: Master of Science [Data Science & Spatial Analytics]

Students Feedback for design and review of syllabus

Academic Year: 2021-2022 [Batch 2020-2022]

SIG collects feedback from the graduating students. SIG have designed a feedback form inculcating the views and suggestions on curriculum development received from them

No. of Respondents :29

Sr. No	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	I was informed about our expected competencies, course outcomes (CO) and program outcomes(PO)*	6	10	11	1	2
2	The curriculum is relevant to and provides for flexibility to meet my learning needs	7	11	8	1	2
3	Adequate co-curricular learning opportunities are provided to me to support the curricular learning	7	10	9	2	2
4	The course is relevant to the industry requirements.	8	9	9	1	2
5	The number of hours allocated to the course are adequate.	7	10	10	1	2

Sr. No	Question	Yes	No
1	The topics were overlapping with the courses taught earlier / during the semester. If Yes, name such topics with course details	1	29
2	Placement of the course is in appropriate semester. If No, please specify the correct semester	27	2

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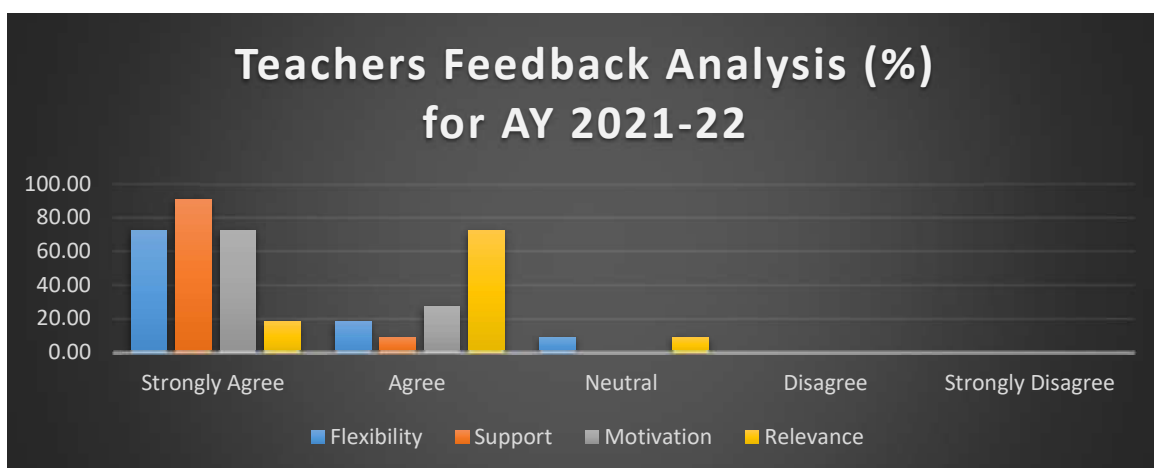
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Teachers Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree	Total
Flexibility	72.73	18.18	9.09	0.00	0.00	100.00
Support	90.91	9.09	0.00	0.00	0.00	100.00
Motivation	72.73	27.27	0.00	0.00	0.00	100.00
Relevance	18.18	72.73	9.09	0.00	0.00	100.00



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Name of the Institute: Symbiosis Institute of Geoinformatics

Name of the Program: Master of Science [Data Science & Spatial Analytics]

Faculty Feedback for design and review of syllabus

Academic Year: 2021-2022

The structured questionnaire was designed and shared among the faculty. The feedback so collected is analyzed and suitable actions are taken to ensure that curriculum is up-to-date to make our programme structure comprehensive and well-defined.

Faculty members both visiting and external gave very positive feedback regarding the curriculum

No. of Respondents :11

Sr. No	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	I am given enough freedom to contribute my ideas on curriculum design and development.	8	2	1	0	0
2	The faculty members/teachers are supported with adequate learning resources.	10	1	0	0	0
3	The faculty members/teachers are encouraged to establish linkages with Industry.	8	3	0	0	0
4	The syllabus is relevant and adequate in terms of scope, depth, and choice to help develop the required competencies amongst students.	2	8	1	0	0

Sr. No.	Question	Yes	No
1	Would you recommend any new course / topic to be added in the program structure?	3	8

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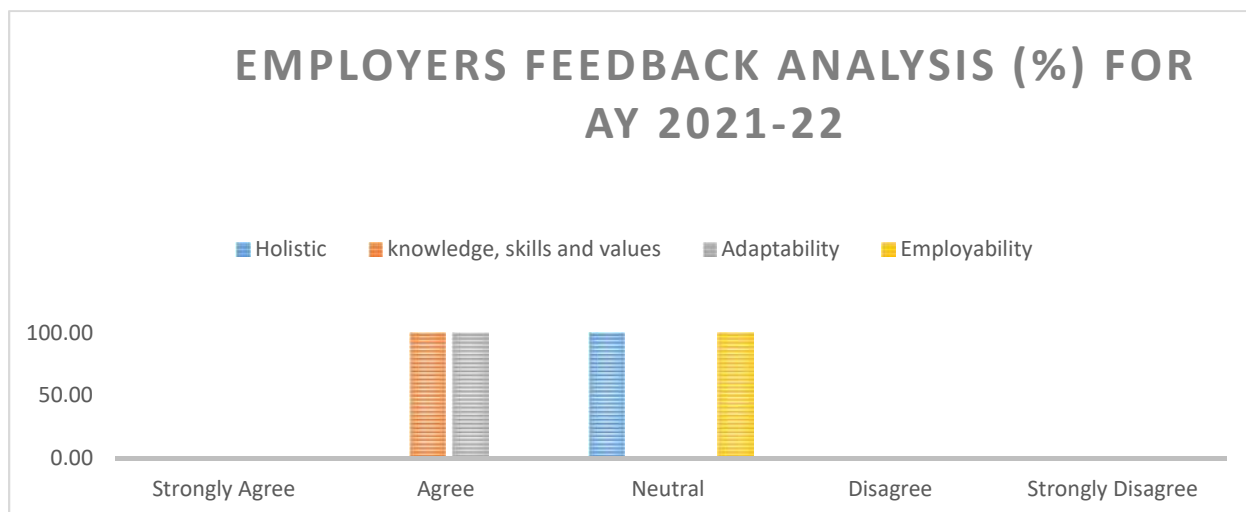
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Employer/ Industry Experts Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
Holistic	0.00	0.00	100.00	0.00	0.00
knowledge, skills and values	0.00	100.00	0.00	0.00	0.00
Adaptability	0.00	100.00	0.00	0.00	0.00
Employability	0.00	0.00	100.00	0.00	0.00



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Name of the Program: Master of Science [Data Science & Spatial Analytics]

Employers Feedback for design and review of syllabus

Academic Year: 2021-2022

The structured questionnaire was designed and shared among the Alumni. The feedback so collected is analyzed and suitable actions are taken to ensure that curriculum is up-to-date to make our programme structure comprehensive and well-defined.

No. of respondents :01

Sr. No	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The institute curriculum has prepared me adequately for the job roles, I have handled and been handling.	0	0	1	0	0
2	The curriculum of the program is well designed and promotes learning experience of the students.	0	1	0	0	0
3	The courses offered in the Institute have relevance to societal needs and employment potential.	0	1	0	0	0
4	The institute encourages contribution from Alumni in curriculum and student development.	0	0	1	0	0

Sr. No.	Question	Parameters	
		Yes	No
1	Would you recommend any new course/topic to be added in the program structure?	1	0

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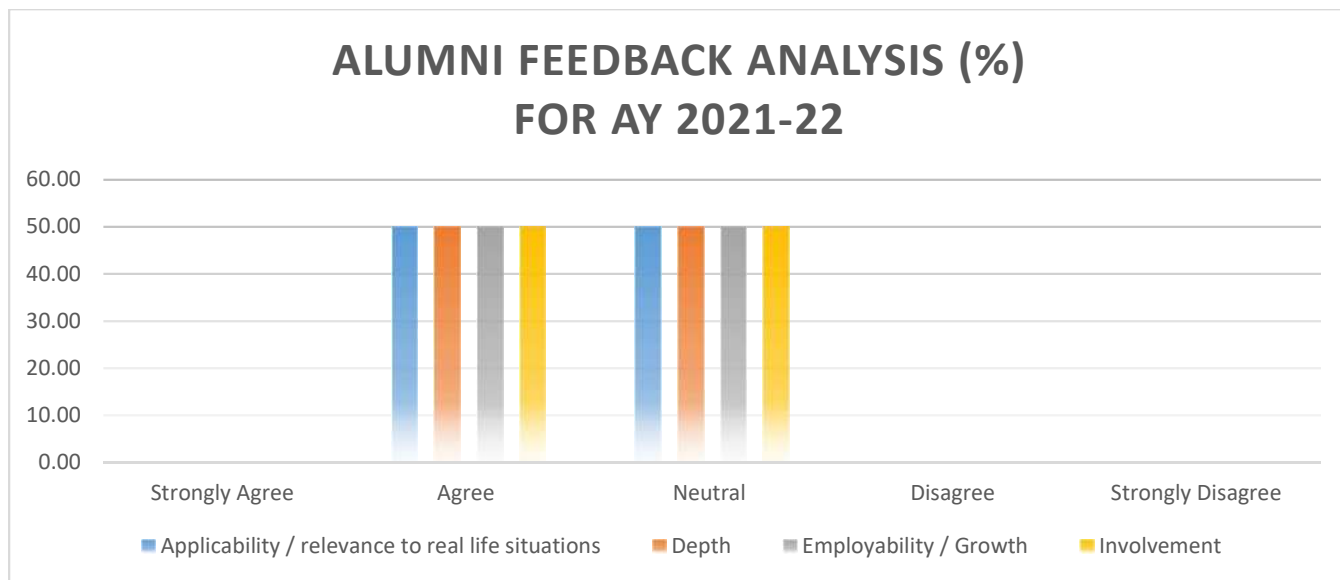
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Alumni Feedback %

Parameter	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
Applicability / relevance to real life situations	0.00	50.00	50.00	0.00	0.00
Depth	0.00	50.00	50.00	0.00	0.00
Employability / Growth	0.00	50.00	50.00	0.00	0.00
Involvement	0.00	50.00	50.00	0.00	0.00



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Name of the Program: Master of Science [Data Science & Spatial Analytics]

Alumni Feedback for design and review of syllabus

Academic Year: 2021-2022

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No. of respondents :02

Sr. No	Question	Strongly Agree	Agree	Neutral	Disagree	Strongly Disagree
1	The institute curriculum has prepared me adequately for the job roles, I have handled and been handling.	0	1	1	0	0
2	The curriculum of the program is well designed and promotes learning experience of the students.	0	1	1	0	0
3	The courses offered in the Institute have relevance to societal needs and employment potential.	0	1	1	0	0
4	The institute encourages contribution from Alumni in curriculum and student development.	0	1	1	0	0

Sr. No.	Question	Parameters	
		Yes	No
1	Would you recommend any new course/topic to be added in the program structure?	1	1

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