

**Janata Shikshan Mandal's**

Smt. Indirabai G. Kulkarni Arts College, J. B. Sawant Science College and  
Sau. Janakibai D. Kunte Commerce College, Alibag – Raigad  
(Maharashtra)

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**Number of Add-on/Certificate/Value added programs offered during the  
last five years**

<b>Academic Year</b>	<b>Number of Add-on/Certificate/Value added programs offered</b>
<b>2018-19</b>	<b>192</b>
<b>2019-20</b>	<b>183</b>
<b>2021-22</b>	<b>747</b>
<b>2022-23</b>	<b>989</b>

## Short Term Certificate Courses offered during the Academic Year 2018-19

Sr. No.	Name of Certificate Course	Department
1.	Certificate course in logic building with C	Computer Science & Information Technology
2.	NET, SET, PET topics for M.Sc.	Chemistry
3.	Soil & water Analysis	Chemistry
4.	Learn advance C and Python	Computer Science & Information Technology
5.	Certificate course in Journalism	Marathi




  
PRINCIPAL  
Smt. Indirabai G. Kulkarni Arts,  
J. B. Sawant Science and  
Smt. Jankibai Dhondo Kunte Commerce  
College, Alibag-402 201, Dist. Raigarh

Principal

**Short Term Certificate Courses offered during the  
Academic Year 2019-20**

<b>Sr No.</b>	<b>Name of Certificate Course</b>	<b>Department</b>
1.	Certificate course in logic building with C	Computer Science & Information Technology
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**Short Term Certificate Courses offered During  
Academic Year 2021-22**

<b>Sr No.</b>	<b>Name of Certificate Course</b>	<b>Department</b>
6.	Certificate Course in Plant Morphology	Botany
7.	Certificate Course in Soil & Water Analysis	Chemistry
8.	Certificate Course in Laboratory Orientation	Chemistry
9.	Certificate Course in NET, SET, PET Topics	Chemistry
10.	Certificate Course in Limits, Derivatives & Integration	Mathematics
11.	Certificate Course in Logic Building with C	CS & IT
12.	Certificate Course in E-Commerce	Commerce
13.	Certificate Course in Basics of Book keeping	Commerce
14.	Certificate Course in Foundation in Marketing	BMS
15.	Certificate Course in career in Insurance Sector	Economics
16.	Introduction to Constitution of India	Political Science
17.	Certificate Course in Communication Skills in English	English
18.	Certificate Course in Career in RS, GIS & GPS	Geography
19.	Certificate Course in Journalism	Marathi

<b>Sr No.</b>	<b>Name of Certificate Course</b>	<b>Department</b>
1.	Certificate course in Analytical Chemistry	Chemistry
2.	Certificate course in Chemical Crystallography	Chemistry
3.	Certificate course in Chemical Process Control	Chemistry
4.	Certificate course in Introductory Organic Chemistry I	Chemistry
5.	Certificate course in Introductory Organic Chemistry II	Chemistry
6.	Certificate course in Reagents In Organic Synthesis	Chemistry
7.	Certificate course in Spectroscopic Techniques for Pharmaceutical and Biopharmaceutical Industries	Chemistry
8.	Certificate course in Cost Accounting	Commerce
9.	Certificate course in Programming, Data Structures And Algorithms Using Python	Computer Science
10.	Certificate course in Environmental & Resource Economics	Economics
11.	Certificate course in Calculus for Economics, Commerce and Management	Mathematics
12.	Certificate course in Calculus Of Several Real Variables	Mathematics
13.	Certificate course in Introduction to Abstract and Linear Algebra	Mathematics
14.	Certificate course in Linear Algebra	Mathematics
15.	Certificate course in Biomedical nanotechnology	Physics
16.	Certificate course in Introduction to Research	Science
17.	Certificate course in Solar	Physics

	Photovoltaic Fundamentals, Technology And Applications	
18.	Certificate course in Biomicrofluidics	Science
19.	Certificate course in Bioreactors	Science



A handwritten signature in black ink, appearing to read "A. Sawant".

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**Raigad**

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**Short Term Certificate Courses Offered during the**  
**Academic Year 2022-23**

<b>Sr. No</b>	<b>Name of Certificate Course</b>	<b>Department</b>
1	Bridge course of IC 555 timer and its applications	<b>Physics</b>
2	Bridge course in basic concept in practical physics	<b>Physics</b>
3	Certificate course in logic building with C	<b>Computer Science</b>
4	Research methodology for M.Sc.	<b>Chemistry</b>
5	NET, SET, PET topics for M.Sc. Students	<b>Chemistry</b>
6	Lithosphere, Hydrosphere, and their chemical analysis skill	<b>Chemistry</b>
7	Course in E- commerce	<b>Commerce</b>
8	Usage of Marathi language in modern technology	<b>Marathi</b>
9	Certificate course for Introduction to Constitution of India	<b>Political Science</b>
10	Course in limits, Derivative and Integration	<b>Mathematics</b>
11	Learn advance C and Python	<b>I.T.</b>
12	Certificate course in Plant morphology	<b>Botany</b>
13	Certificate course of career in Insurance sector	<b>Economics</b>

14	Course in direct and indirect tax	<b>Commerce</b>
15	Communication skills in English	<b>English</b>
16	Certificate course in domestic applications in solar energy	<b>Physics</b>
17	Diploma program in digital marketing	<b>B.M.S.</b>
18	Certificate course of career in RS, GIS and GPS	<b>Geography</b>
19	<b>Certificate course in Journalism</b>	<b>Marathi</b>



*[Signature]*

PRINCIPAL

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