

**Add-on/ Certificate course detailed information:**

**Name of course:** *How to build an app for an android mobile phone*

**Department:** Electronics


**Mode:** Hybrid (Online plus Offline)

**Date of commencement / duration:** 26<sup>th</sup> Jun 2023 **Completion date:** 15<sup>th</sup> May 2024

**Certificate on completion provided or not:** Optional


**Course fee:** Nil / Rs 100 for those needing a hard-copy of certificate on completion

**Course coordinator and contact email:** Dr. Abhijit Poddar, *abhijod at gmail dot com*



## SURENDRANATH EVENING COLLEGE

[Established in 1961]  
24/2, MAHATMA GANDHI ROAD, KOLKATA - 700 009  
Phone : 033 2985-9011, E-mail : snevening@ymail.com  
Website : www.surenranatheveningcollege.com  
(NAAC Re-accredited in 2016)



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**Notice**

Dated: 15.06.2023

A short-term add-on/certificate course on '*How to build an app for an android mobile phone*' will be conducted in online/hybrid mode by Dr. Abhijit Poddar, from the department of Electronics, in association with IQAC, Surenranath Evening College, on and from 26<sup>th</sup> June 2023.

Those interested may register for the course using the following Google Form link:  
<https://forms.gle/tYvaKQeg69Xt3147A>

**Prerequisites:** Passed H.S. or equivalent examination and having basic knowledge of computers. A little experience of programming will be helpful but is not essential.



Principal  
Surenranath Evening College  
Kolkata - 700 009

**Notice**



**Banner**

**Number of enrolled participants: 200**

**Number of enrolled students from our college: 168**

**List of topics proposed to be covered:**

- Introduction to mobile devices and mobile communication
- Software behind the hardware
- Android mobile platform or o/s: an introduction
- Features of Android
- The Android version history
- What are Apps?
- App jargon (UI UX SDK API haptic feedback, form factor, IDE Java, Kotlin, Flutter, XML, icons, widgets, Android Studio, VS Code, Eclipse etc.)
- The Android Stack (architecture)
- How are apps developed?
- Issues to be considered: App security, performance, and compatibility
- Developing android apps in Java/Kotlin/Flutter through Android Studio.
- Google Codelab
- Types of mobile apps: Web, Native and Hybrid (Comparison and examples)
- Can we build apps without any coding? If yes, how?
- No code app builders (List and comparison)
- Building apps using no-code software.
- Distributing and sharing apps.
- Monetizing developed apps.
- Demonstrating with examples: 1,2,3,4,5.
- Building native apps in Java/Kotlin using Android Studio.
- Demonstrating with examples: 1,2,3,4,5.
- Assignments and Quizzes.

List of registered (enrolled) students from our college:

Sl. No.	Timestamp	Your full name	Your University roll number	Your subject of study (e.g. Physics, Chemistry, Math, Electronics, Commerce etc.)
1	6-15-2023 21:54:56	Rajnish Tiwari	221117-21-0005	Commerce
2	6-15-2023 22:04:07	Tanwir Akhtar	221117-21-0004	Commerce
3	6-15-2023 22:37:30	Asif Kalim	212117-21-0014	English
4	6-16-2023 0:03:31	MD RAKIB ALAM		6 Commerce
5	6-16-2023 8:46:16	Baishali Roy	222117-11-0049	English
6	6-16-2023 10:10:13	Syed Ishtiyaqul Haque	213117-22-0019	Electronic
7	6-16-2023 10:16:35	Tiasa Dutta	222117-11-0084	English
8	6-16-2023 10:19:02	Md Abubakar Siddique		120 English
9	6-16-2023 10:22:16	Tarannum Nisha	212117-11-0049	ENGLISH HONOURS
10	6-16-2023 10:42:11	Pratyasha Das	202117-11-0059	English
11	6-16-2023 10:42:45	Subhankar Halder	222117-21-0126	English
12	6-16-2023 10:47:12	Md Saqlain Ahmed	2.12117E+11	Science, English
13	6-16-2023 10:53:27	Arman Alam	2.02117E+11	English
14	6-16-2023 10:54:44	Saikat Mondal	202117-22-0142	Bengali, English, Economics
15	6-16-2023 11:22:47	Aritrika Dey	212117-11-0048	English
16	6-16-2023 11:24:59	Wafa Mateen	2.02117E+11	English honours
17	6-16-2023 11:29:04	Waquas raza	212117-21-0046	Commerce
18	6-16-2023 11:31:04	Javed Ali	222117-22-0033	BA GENERAL
19	6-16-2023 11:32:01	Arman ali		24 History general
20	6-16-2023 11:34:16	Md Aftab		2 History honours
21	6-16-2023 11:43:33	Jit Mukherjee	222117-22-0113	History, political science, English
22	6-16-2023 11:54:31	Aniket Tiwari	221117-21-0321	Commerce
23	6-16-2023 12:19:57	pratik shaw	1.17111E+12	Physics, mathematics, electronics
24	6-16-2023 12:25:15	Md Yasin Arafat	212117-22-0141	Non
25	6-16-2023 12:29:40	Rohit Kumar Singh	117-1111-0981-22	Physics, electronics, computer,
26	6-16-2023 12:41:08	Neha Shamim	202117-12-0060	Urdu
27	6-16-2023 13:01:39	SOMNATH DAS	212117-22-0058	English and History
28	6-16-2023 13:18:57	Ms. Luxmi Jha		
29	6-16-2023 13:48:14	SABIR HUSSAIN	202117-22-0046	Political science
30	6-16-2023 14:00:21	Muskan shaw	222117-11-0058	Hindi honours
31	6-16-2023 14:19:30	Mashiyat Hussain	202117-11-0005	English
32	6-16-2023 18:10:07	Ali Hussain	202117-22-0026	Hindi
33	6-16-2023 18:22:30	MD KHALID MANZOOR	211117-21-0111	ACCOUNTANCY
34	6-16-2023 18:42:32	Biswajit Paul	213117-21-0014	B.Sc.(H) in Physics
35	6-16-2023 18:54:07	MD AMIR	222117-21-0153	ENGLISH
36	6-16-2023 19:12:26	Sakil Akhtar	193117-21-0038	Physics
37	6-16-2023 19:32:53	Avijit Sahoo	203117-22-0011	Computer Science
38	6-16-2023 20:30:34	Antara Jana	2.22117E+11	English honours
39	6-16-2023 21:12:02	Asif Rahman		40 Commerce
40	6-16-2023 21:54:59	Fardeen Khan	201117-22-0111	Commerce
41	6-16-2023 21:59:51	Ayan Seal	212117-21-0060	English
42	6-16-2023 22:00:20	Aditya Kumar Das		44 History
43	6-17-2023 1:16:53	Shiladitya Pan		
44	6-17-2023 3:00:25	Musharraf Shakil	2.02117E+11	English

45	6-17-2023 8:52:00	Rohit shaw	221117-21-0070	Commerce
46	6-17-2023 10:47:16	SUBHANKAR DAS	202117-21-0006	ARTS
47	6-17-2023 11:48:29	TARIQUE ANWAR	02	computer
48	6-17-2023 12:54:13	Rajib Mandal	202117-21-0064	Arts (Bengali)Honours
49	6-17-2023 14:44:07	MD FAISAL	211117-21-0053	commerce
50	6-17-2023 15:09:34	SHADAB ALAM	203117-210026	Mathematics
51	6-17-2023 19:17:46	Karl Roararry Roadan Biswas	1.17111E+12	English
52	6-17-2023 22:44:08	Md Aftab Ali	58	Electronic
53	6-18-2023 7:48:26	VISHWAJEET KUMAR SAH	223117-22-0004	B.sc (General)
54	6-18-2023 10:54:32	Khushi Rani	221117-11-0075	Commerce
55	6-18-2023 11:16:32	Nitish Singh	213117 22 0009	Physics, chemistry, Math
56	6-19-2023 10:11:09	Supriya Sanfui	223117-21-0012	Physics
57	6-19-2023 11:56:25	Abdur Rahim	211117-21-0029	Commerce
58	6-21-2023 10:23:25	Premankshu Das	223117-22-000	Physics, Electronics, Computer Science
59	6-21-2023 19:04:23	Md Rizwan	221117-21-0081	Commerce
60	6-22-2023 2:18:26	Zainab Fatma	212117-11-0004	English
61	6-22-2023 11:38:38	Sahil chaudhary	221115-22-0176	Commerce
62	6-24-2023 9:23:50	Debasis Manna		
63	6-24-2023 14:00:49	Biswajit Paul	213117-21-0014	Physics
64	6-24-2023 16:13:09	Mannu singh	211117-11-0014	Commerce
65	6-24-2023 16:18:10	kingsub chatterjee	212117-21-0015	engli
66	6-24-2023 16:22:44	Chandan Kumar roy	211117-22-0047	Commerce
67	6-24-2023 16:26:13	sambhu rabidas	221117-22-0124	commerce
68	6-24-2023 16:27:31	Annu rai	106	Commerce
69	6-24-2023 16:29:42	Sahil khan	2.21117E+11	Commerce
70	6-24-2023 16:30:56	Shaheen hasmat	141	Nothing
71	6-24-2023 16:31:39	Arijit Malik	211117-21-0375	Commerce
72	6-24-2023 16:31:54	Md Samir alam	31	Commerce
73	6-24-2023 16:32:10	MD AMIR	222117-21-0153	ENGLISH
74	6-24-2023 16:35:01	Shahan ashraf	198	Commerce
75	6-24-2023 16:35:34	Ghausia azmi	221117-12-0018	Commerce
76	6-24-2023 16:38:04	Sultana khatoon	2.12117E+11	Ba honours
77	6-24-2023 16:38:34	Vikash Kumar pandit	222117-21-0021	Math
78	6-24-2023 16:41:41	Sanjana Singh	221117-12-0004	commerce
79	6-24-2023 16:46:46	Wafa Mateen	202117-11-0034	English honours
80	6-24-2023 16:49:25	venom. jazz (bisesh)	210	commerce
81	6-24-2023 16:52:03	Yousuf raja	13	Geography
82	6-24-2023 16:53:29	Malka saba	221117 11 0123	Commerce
83	6-24-2023 16:57:02	Neha Shamim	202117-12-0060	History and urdu
84	6-24-2023 17:02:36	Kanis fathma	212117_12_0020	Urdu.. History..urdu LCC.. urdu sec
85	6-24-2023 17:02:49	Sneha Verma	Mera 221117-11-0066	Commerce
86	6-24-2023 17:05:11	Ampayan Sarkar	212117-22-0056	English, Bengali, Etc
87	6-24-2023 17:09:45	shabnam	202117-12-0051	B.A.general
88	6-24-2023 17:09:54	Raj Shaw	21111-22-0012	Commerce
89	6-24-2023 17:13:10	Rahul Singh	51	Account
90	6-24-2023 17:29:07	Jyoti Jha	221117-11-0116	commerce
91	6-24-2023 17:31:21	Susmita shaw		
92	6-24-2023 17:41:23	Junaid Sajjad	201117-21-0149	Accountancy
93	6-24-2023 17:41:57	Manshica Shree Pandey	221117-11-0016	Commerce
94	6-24-2023 17:42:40	Nikita shaw	221117-11-0011	Commerce
95	6-24-2023 18:23:18	Reema khan	202117-12-0032	History
96	6-24-2023 18:34:12	Muskan Raj	211117-11-0117	Economics, Cost, Accounts

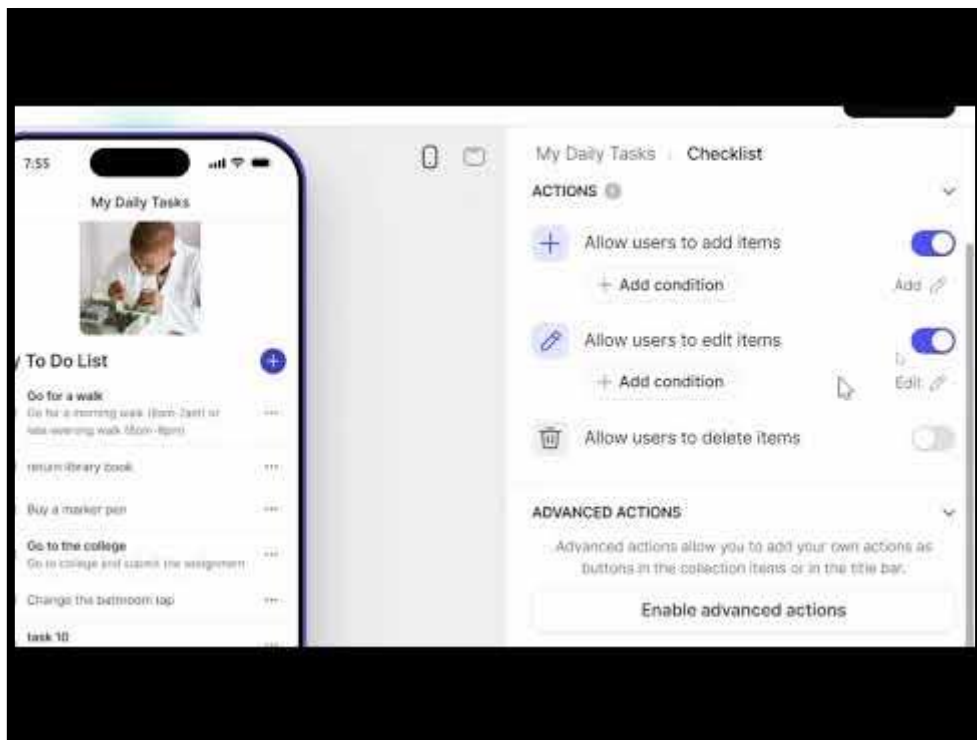
97	6-24-2023 18:39:02	Om Kumar Prasad		129	B com
98	6-24-2023 18:48:01	SOMA DAS		186	BA( Hindi general)
99	6-24-2023 18:58:33	Md Mukarram Khan	2.11117E+11		Accountancy
100	6-24-2023 18:59:06	Tiasa Dutta	222117 -11-0084		English
101	6-24-2023 19:01:45	Sayani kar		124	Commerce
102	6-24-2023 19:18:06	MD Farhanuddin	211144-22-0364		Commerce
103	6-24-2023 19:23:19	Rahul Giri		52	Commerce
104	6-24-2023 19:26:26	Om Saha	221117-22-0084		Commerce
105	6-24-2023 19:30:49	Aman Ali Warsi	211144-21-0053		Commerce
106	6-24-2023 19:44:35	Kainat Khatoon	211144-11-0010		Commerce
107	6-24-2023 20:06:58	Shankar shaw	221117-21-0194		Commerce
108	6-24-2023 20:09:50	Apurba Chakraborty	222117-21-0104		English Honours
109	6-24-2023 20:24:46	Priyanka Choudhury	222117-11-0059		B.A. Honours (hindi)
110	6-24-2023 20:24:47	SONY SHAW	222117-11-0034		B.A HONOURS ( HINDI)
111	6-24-2023 21:19:36	Aman Banshal	1.17111E+12		Bcom
112	6-24-2023 21:36:59	Anand Jaiswal		126	BA general
113	6-24-2023 21:38:38	Sk Imran Bashir		2020	Machinist iti
114	6-24-2023 22:04:43	Suvadra Verma	221117-11-0006		Commerce
115	6-24-2023 22:21:55	Pammi khatoon	212144-12-0055		English.hindi.history
116	6-24-2023 22:29:28	Abu Sufiyan	212117-22-0055		English,english lcc,history and history secb
117	6-24-2023 22:36:19	Jatin Shaw	212117-21-0018		Hindi Honours
118	6-24-2023 22:39:21	Prakhar Tiwari	211117-21-0149		Commerce
119	6-24-2023 22:54:02	Binay Choudhary	222117-21-0055		Hindi
120	6-24-2023 23:23:12	Binay Kumar Shaw	21117-22-0183		Commerce
121	6-24-2023 23:57:59	Rahul Gupta	2.11117E+11		Commerce
122	6-25-2023 0:32:35	Md Aftab Ali		58	Philosophy
123	6-25-2023 0:46:05	Monotosh Halder	2003117-21-0023		Math
124	6-25-2023 11:48:33	Anushka barnwal	211117-11-0055		Commerce
125	6-25-2023 12:48:15	Tarik imran	221117-21-0122		Commerce
126	6-25-2023 15:52:16	Md Nasir Hussain	2.11117E+11		Commerce
127	6-25-2023 16:53:27	Aman rajak	212117-21-0081		English
128	6-25-2023 20:54:39	Kalyan das	211117-22-0073		Commerce
129	6-25-2023 21:03:41	Hanifa Parveen		109	Commerce
130	6-25-2023 21:05:41	Amarjeet Shaw	211117-22-0088		Commerce
131	6-25-2023 22:01:35	Ankita Rai	22111711072		Commerce
132	6-25-2023 23:14:49	Faizan Salim	213117-22-0004		Physics, Chemistry, Math
133	6-25-2023 23:19:46	Md Tahir Sultan	211117-21-0021		Commerce
134	6-25-2023 23:49:01	zeshan salim	213117 22 0003		Physics, Chemistry and maths
135	6-26-2023 0:07:36	Sujit Kumar namaste	211117-22-0076		Commerce
136	6-26-2023 8:02:10	Md Ahshan	221117-21-0104		Accountancy
137	6-26-2023 13:01:11	Saina Khatoon	222117-11-0016		English Honours
138	6-26-2023 13:13:16	Aditi Mayur	221117-11-0065		Commerce
139	6-26-2023 13:22:34	MD IMTIYAZ	202117-22-0188		Yes, in 12th
140	6-26-2023 13:31:03	Yeaman Khatoon	2.02117E+11		English, philosophy, political science
141	6-26-2023 13:34:35	Dev sarkar	222117-22-0039		Bengoli political science history environment
142	6-26-2023 13:46:15	Arfa Alam	222117-12-0002		Bengali, History, Political science, E.n.v.s
143	6-26-2023 13:54:09	Baishali Roy	222117-11-0049		English
144	6-26-2023 14:03:09	Sikandar das	2.21117E+11		Commerce
145	6-26-2023 14:08:42	Ankit Raj	211117-22-0114		<a href="#">B.Com</a>
146	6-26-2023 14:10:58	Nitin Agarwal	221117-21-0043		Commerce
147	6-26-2023 14:12:19	Rabi shaw		72	Economic
148	6-26-2023 14:16:47	Riti Riya	21117-11-0121		Commerce

149	6-26-2023 14:21:47	Sadique Hassan	212117-22-0072	Urdu
150	6-26-2023 14:38:35	Sneha Jaiswal	2.21117E+11	Commerce
151	6-26-2023 14:42:46	Me Dildar hussain	221117-21-0078	Commerce
152	6-26-2023 14:47:10	Md. Tanweer	176	Commerce
153	6-26-2023 15:52:32	Ishan Singha Roy	222117-21-0154	English, philosophy,Envs
154	6-26-2023 16:37:30	Suraj verma	221117-22-0210	Commerce
155	6-26-2023 16:41:14	Rohit Kumar Show	201117-21-0068	Commerce
156	6-26-2023 17:41:29	Sujit gayen	212117-22-0183	Nothing any
157	6-26-2023 17:41:35	Fiza Naaz	222115-11-0019	Etc
158	6-26-2023 17:43:30	Pabitra Naskar	221117-22-0215	Commerce
159	6-26-2023 17:46:44	Joseph Rocky Mondal	211117-21-0358	Commerce
160	6-26-2023 17:51:14	Sumit Balmiki	221117-22-0069	Commerce
161	6-26-2023 18:03:58	Md sanad hussain	7	Urdu
162	6-26-2023 23:10:04	Aniket Jaiswal	221117-22-0121	Commerce
163	6-27-2023 14:03:12	Md Tufail quraishi	222117-21-0023	Electronics
164	6-27-2023 22:25:36	Tushar Singh	211117-21-0078	Commerce
165	6-28-2023 19:54:05	Roshan Rajgarhia	203117-21-0037	Physics
166	6-30-2023 14:13:43	Manas Kanti Dey	2.11117E+11	Commerce
167	7-4-2023 9:50:24	Sourav ball	222117-22-0005	no
168	7-6-2023 0:02:32	Paras Das	221117-22-0181	Commerce

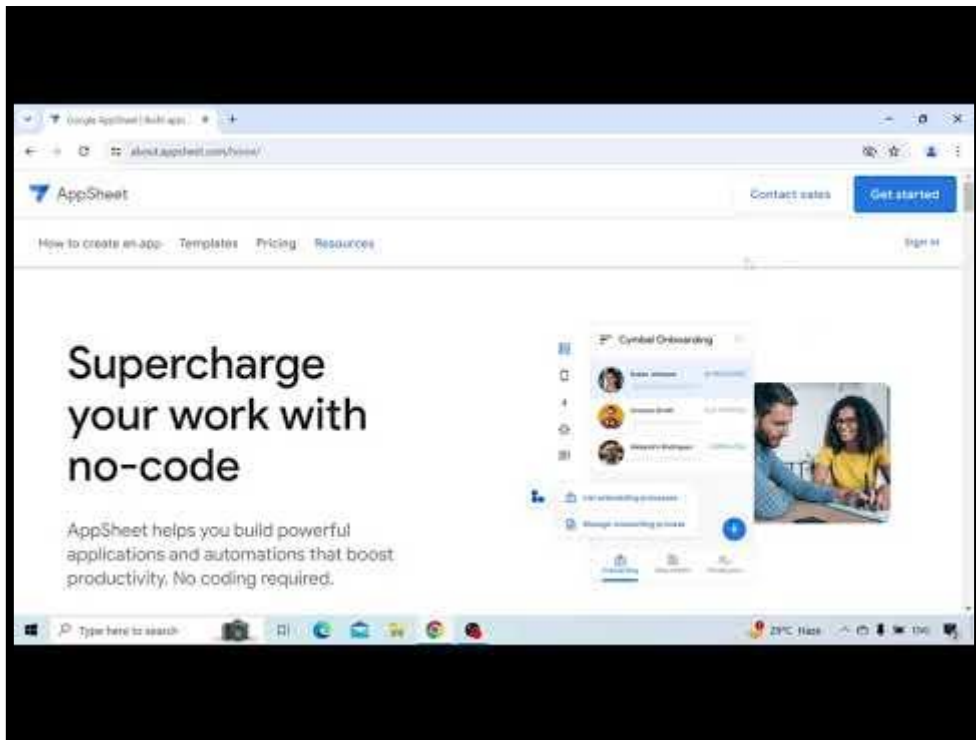




Inaugural session in progress



YouTube resource above has been created as part of the add-on course to help learn through an example, how to make an app using Glide without writing a line of code



YouTube resource above has been created as part of the add-on course to help learn through an example, how to make an app using Google Appsheet, without writing a line of code (**Use of a pair of headphones is recommended as the audio may not sound well without their use!**)

More resources to follow. You may check our college website:

<https://www.surendranatheveningcollege.com/academics/add-on-certificate-course/>





# Certificate

awarded to

for participation in the add-on course on '*How to build an app for an android mobile phone*'  
June 2023 – May 2024

conducted by Department of Electronics, in association with IQAC, Surendranath Evening  
College, 24/2 M.G. Road Kolkata 700009

**Course coordinator**  
Dr. Abhijit Poddar

**IQAC coordinator**  
Dr. Debasis Manna

**Principal**  
Dr. Jafor Ali Akhan

**Participation certificate**