



National Education Society &  
Jawaharlal Nehru National College of Engineering,  
Shivamogga-577204  
Department of Computer Science and Engineering  
**COSMOS 2018-19**



Date:03/04/2019

## CIRCULAR

### App Design contest (HACKATHON)

Name: "JNNCE Darshan"

#### Details:

Design an App with a home page navigator having links for following Menu items:

1. Departments
  - CSE
  - ISE

For each department, include activities to show About, Faculty, Placement and Events Info.

2. Main Seminar Hall
3. College Hostel
4. Canteen
5. Notice Board
6. Google Map showing College
7. Contact (when clicked a Notice and SMS should come on mobile giving complete contact details)
8. Fee Calculator


With the knowledge learnt in developing Android App using Kotlin conducted in workshop, develop a useful App for college. The App should can have any number of activities and can contain text and image views.

**Note: No database or URL or Shared Preferences are required.**

**Event Date: 06<sup>th</sup> April 2019**

**Time: 9.00 am to 9.00am (07<sup>th</sup> April 2019)**

  
Coordinator Signature

  
H.O.D.  
**Dr. Nirmala Shivanand**  
Professor and Head  
Dept. of Computer Science of Engg.  
J.N.N. College of Engineering



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### Hackathon Registered Students List

The hackathon event is conducted for those students who have attended the Mobile Application development using Kotlin workshop. Out of 21 students, the following is the list of 14 students who have registered for hackathon event.

Sl. No.	Student Names with USN
1.	ARPITHA J A(4JN16CS014) KARTHIK MALODE (4JN16CS032)
2.	MEGHANA(4JN16CS042) SUSHMA S(4JN16CS129) KRUPA C (4JN16CS124)
3.	PANNAGA Y S(4JN16CS053) PRAJWAL M(4JN16CS062) POOJA S (4JN16CS058)
4.	POOJA SHASTRY (4JN16CS059) KARTHIK P(4JN16CS034) APOORVA V S(4JN16CS013)
5.	SUPREETHA H V(4JN16CS104) SINCHANA R RAO(4JN16CS096) SUPRIYA S P(4JN16CS106)

  
Coordinator Signature

  
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**Dr. Nirmala Shivanand**  
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**After the workshop on “Developing Android Apps with Kotlin” held on Mar 16<sup>th</sup> and 17<sup>th</sup> 2019, a follow-up AppDesign event was conducted for the attended students. The following question was given in the contest:**

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With the knowledge learnt in developing Android App using Kotlin conducted in workshop, develop a useful App for college. The App should can have any number of activities and can contain text and image views.

Note: No database or URL or Shared Preferences are required. Students were asked to form a batch of 2-3 students.

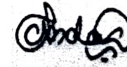
The following are student batches who submitted the Apps developed in Kotlin and evaluation sheet.

Sl. No.	Student Names with USN	Strengths	Weakness	Marks (Max Marks: 40)			
				Use of widgets and layout managers (10)	Kotlin Coding (10)	Innovation (10)	Look and Feel (10)
1.	ARPITHA J A(4JUN16CS014) KARTHIK MALODE (4JUN16CS032)	<ul style="list-style-type: none"> <li>Used Master Detail Layout from the templates</li> </ul>	<ul style="list-style-type: none"> <li>Email bubble and menu option is not used or not deleted.</li> <li>No alternate layout is used. (Landscape mode of device)</li> <li>App works only from drawer menu.</li> <li>Default icons are retained in the drawer menu view.</li> <li>Most of the links are dead or load on web browser.</li> </ul>	7	7	4	5
2.	MEGHANA(4JUN16CS042) SUSHIMA S(4JUN16CS129) KRUPA C(4JUN16CS124)	<ul style="list-style-type: none"> <li>Master Template</li> <li>Details</li> </ul>	<ul style="list-style-type: none"> <li>Default icons are used.</li> <li>Simple intents showing images.</li> <li>Static implementation</li> <li>Landing Intent is blank</li> <li>Email bubble and menu option is not used or not deleted.</li> <li>Relative layout / alternate layout is not used. If we lift the device the widget overflows the screen.</li> </ul>	7	7	3	4
							(23)
							(21)

3.	PANNAGA Y S(4JN16CS053) PRAJWAL M(4JN16CS062) POOJA S (4JN16CS058)	<ul style="list-style-type: none"> <li>Customized the template as per the requirement.</li> </ul>	<ul style="list-style-type: none"> <li>Can include scroll view.</li> <li>Card Layout gives the good UX.</li> <li>Google Maps can be included as WebView atleast.</li> </ul>	9	9	8	9
4.	POOJA SHASTRY (4JN16CS059) KARTHIK P(4JN16CS034) APOORVA V S(4JN16CS013)	<ul style="list-style-type: none"> <li>Perfectly customised</li> <li>Included scroll view</li> </ul>	<ul style="list-style-type: none"> <li>Can include the vector images in the app rather than other form of images.</li> <li>Can include card layout wherever sub menus are available</li> </ul>	10	10	10	9
5.	SUPREETHA H V(4JN16CS104) SINCHANA R RAO(4JN16CS096) SUPRIYA S P(4JN16CS106)	<ul style="list-style-type: none"> <li>Customisation of master layout template</li> </ul>	<ul style="list-style-type: none"> <li>Can use relative and card layout.</li> <li>Scroll view is not available in case of landscape/alternate mode.</li> </ul>	8	8	8	7
							(35)
							(39)
							(31)

PS : Common improvement for all the application is, "Force Close" can be avoided when in case of contact option. Good to see that all application as customized from the basic template.

Date: 30/04/2019



Amitkumar Vinayak Gundad

Evaluator

Mr. Amithkumar Vinayak Gundad,  
Assistant Professor,  
Department of Computer Science and Engg.,  
Manipal Institute of Technology,  
Manipal-576104, Karnataka, India



6:20 PM

4G LTE 14



JNNCE\_DARSHAN



J  
N  
N  
C  
E

SUBMITTED BY:  
APOORVA V.S. 4JN16CS013  
POOJA SHASTRY 4JN16CS059  
KARTHIK P. 4JN16CS034



SAMPLE APP SCREEN SHOT



JAWAHARLAL NEHRU NATIONAL COLLEGE  
OF ENGINEERING

*Future of Excellence begins here*

### DEPARTMENTS



CSE



ISE

### COLLEGE INFO



MAIN SEMINAR HALL



COLLEGE HOSTEL



CANTEEN



NOTICE BOARD



COLLEGE LOCATION

N  
N  
C  
E



# JNNCE\_DARSHAN

ABOUT

FACULTY DETAILS

PLACEMENT INFORMATION

EVENTS INFORMATION